



Robertson County Tennessee
Jody Stewart, Finance Director
Finance Department
523 South Brown Street, Springfield, TN 37172
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MAIL DATE: 1/12/2016

Ambulance Type I Remount

Sealed bids must be received by: **2/2/2016 at 10:30 AM**

Robertson County Finance Office
523 South Brown Street
Springfield, TN 37172

THE OUTSIDE OF THE ENVELOPE MUST BE MARKED WITH THE BIDDER'S COMPANY NAME, ITEM BID, TIME OF BID OPENING, DATE OF BID OPENING, BID NO. 1314 AND MUST BE MARKED "SEALED BID, DO NOT OPEN."

Bids are opened and read aloud to the public at the Robertson County Finance Office, 523 S. Brown Street, Springfield, TN 37172 immediately after the bid receipt deadline. Each vendor may submit more than one bid provided each bid meets the stated specifications. Each bid must be submitted in a separate sealed envelope with the appropriate notation on the outside. All bids must be signed by an authorized agent and submitted on the prescribed forms. Submission of bids by telegraph, telephone, or other electronic means is strictly prohibited. Please enclose a stamped, self addressed envelope to receive a completed bid tabulation form. Any brand name called for the bid specifications is provided as a reference only. Alternate brand name items offered for bid must be equivalent as to function, basic design, type and quality of material, method of construction, and any required dimensions. Bidder must attach a letter of exception to specifications.

For assistance with technical / product information contact Russell Gupton, Assistant Director, EMS at (615)384-1414. For assistance with bid procedures contact Cheryl Moon, Robertson County Finance Office at (615) 384-0202 or by email: cheryl.moon@robertsoncountyttn.org.

Note: Robertson County reserves the right to reject any or all bids, to waive any technicalities or informalities, and to accept any bid deemed in the best interest of the County. All bids will be considered in accordance with Title VI and without regard to age, sex, color, race, creed, national origin, religious persuasion, marital status, political belief, or disability that does not prohibit the performance of duty.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE



REMOUNT AMBULANCE SPECIFICATION

**EMERGENCY MEDICAL VEHICLE
TYPE I CLASS 2 (4X4) DRW**

FORD TYPE I REMOUNT

DESIGNED TO MEET OR EXCEED

**FEDERAL SPECIFICATION KKK-A-1822,
AMD Standards 001 - 015**

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

It is the intent of these specifications, and all requirements listed herein, to obtain bids on vehicles to meet the local needs of this agency, and to obtain bids that may be easily, and completely evaluated on an equal and competitive basis.

Because of the wide variances in types, configurations, options and models available in the industry, the purpose of these specifications is to set a standard by which all proposals received may be evaluated, studied and compared equitably. Vendors are required to return one (1) copy of these specifications, correctly and completely furnishing all information requested and answering all questions attached. Any requested data literature, drawings, etc. and detailed written lists of exceptions taken must also be enclosed.

Since bids from a number of suppliers are anticipated, and this agency cannot be expected to be familiar with all various technical details of all vendor's products, the only adequate method of evaluation will be to compare in this format. Vendors are cautioned that failure to submit proposals in format specified herein will be grounds to reject vendors proposal and remove bid from consideration.

Any questions for clarifications, etc. should be directed in writing to this agency, and responses will be furnished in writing to all prospective vendors.

Considerable time and effort has been invested to design these specifications to the specific needs of this agency. Therefore, alternate bids will not be considered. No Exceptions to this will be allowed.

It is further understood that the vehicle described is for use in the provision of emergency services.

No compromised or substandard components/workmanship shall be tolerated. Because this agencies personnel well-being are of the utmost significance, no substandard practices which could endanger our personnel will be tolerated. This agency will pursue litigation against anyone found taking shortcuts in the area of safety.

BUY AMERICAN

It is the intent of these specifications and requirements listed herein to obtain proposals on vehicles to meet the local needs of the Purchaser that may be easily and completely evaluated on an equal basis. In accordance with "Buy America" programs, proposals will be accepted only from manufacturers that are only 100% wholly owned, financed, and operated by USA based firms.

LEGAL RIGHT TO SPECIFY

The Purchaser chooses to exercise its Legal Right to Specify as determined by the U.S. Supreme Court's affirmation of the decision handed down in the case of Whitten Corp. Vs Paddock by the U.S. District Court of Massachusetts, the First Federal District Court:

- That as trained professionals, the Purchaser makes informed judgments on products that they feel best serve their needs. Technically, very few brands of material or equipment are exactly alike, and if the specifier wants to limit the specification to one source he has the right to do so and enforce it.
- Only the specifier has the responsibility and judgment for determining whether a proposed substitution is an "or equal".
- That from start to finish in the purchasing process only the specifier can ultimately decide if another desirable product is available in lieu of the specification.
- Finally, that the courts concluded "the burden is on the supplier or manufacturer, who has NOT been specified, to convince the specifier that their product is equal for the purpose of a particular project".

The specifier has determined that this product specification shall represent the product to which all offerings shall be compared. Due to the fact that emergency response duties are ULTRAHAZARDOUS, UNAVOIDABLY DANGEROUS activities, only trained personnel with specific knowledge in the area of Emergency Service Equipment shall be allowed to make the final decision on the selection of the appropriate product to best serve this agency.

Section 1: Scope, Purpose, and Classification

1. **Scope:** This specification covers the remounting and refurbishment of a commercially produced, surface medical care vehicle, hereinafter referred to as ambulance or vehicle. A vehicle in compliance with this specification shall be defined as a standard ambulance. This vehicle shall be in accordance with the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation, and Washington D.C. This bid specification is based on the Federal Ambulance Specification KKK-A-1822.
2. **Purpose:** The purpose of this document is to provide minimum specifications and test parameters for the remounting and refurbishment of an emergency medical care vehicle that meets the needs and desires of this agency. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. The object is to provide a vehicle that is in accordance with nationally recognized guidelines. It is the intent to return the unit to a new or like new condition per the specification.
3. **Classifications:** This specification calls for the following type of vehicle. It is in accordance with KKK-A-1822.
 - Type I – Cab Chassis with modular ambulance body.
 - Class 2 – Four-Wheel Drive (4x4)
 - Configuration A (ALS) - Elevating cot and squad bench (3.1.5.1)
4. **General:** This is an engineer, design, construct and deliver type specification and it is not the intention of this agency to write out vendors of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around specific needs of this agency. With the intent to standardize certain components, therefore, in numerous places we have named specific brands of components. This has been done to establish a certain standard of quality. Other brands will only be accepted providing the vendor provides documentation in the bid that the particular brand offered meets or exceeds the quality of the actual brand called for in the specification.
5. **Materials:** The emergency medical care vehicle, chassis, ambulance body, equipment, devices, medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, which meet or exceed the requirements of this specification. The ambulance shall comply with all Federal Motor Vehicle Safety Standards (FMVSS), the Federal regulations applicable or specified for the year of manufacture. The chassis, components and optional items shall be as represented in the manufacturer's current technical data. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and suitable for service intended.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

6. **Manufacturing Ability:** It is the intent of these specifications that the Remounter of these vehicles has the ability to remount and refurbish a complete ambulance within their plant facility, except for the chassis. The Ambulance Remounter must have significant experience in the remounting and refurbishment of modular ambulance bodies and performed a minimum of 100 remounts in the last five years. In addition, the Bidder/manufacturer must include with this bid, proof of a minimum of \$3,000,000.00 product liability coverage. **NO EXCEPTIONS.**
7. **Exceptions to Specifications:** Any exceptions to these specifications indicated must be clearly pointed out. Otherwise, it will be considered that items offered are in strict compliance with these specifications and the successful bidder will be held responsible for delivering a vehicle meeting these specifications. Any exceptions must reference by Paragraph Number and Line and be explained in detail on a separate sheet marked "Exceptions". Any bidder not complying shall not be considered as responsive.
8. **Prices and Payments:** All bid prices shall be complete and include warranty and delivery of the completed vehicle to this agency.
9. **Payment:** Payment shall be made in accordance with these specifications and the Bid Proposal submitted by the Bidder. Payment will be made upon acceptance of the vehicle(s) and equipment specified under these specifications.
10. All bid prices and conditions must be specified on the Bid Proposal Form. Bid prices shall be valid for at least 30 days from the date of the Bid Opening, or as otherwise specified on the Bid Proposal form.
11. Full payment will be made as each unit is received, inspected and found to comply with procurement specifications, free of damage and properly invoiced.
12. Successful vendor shall, at delivery, supply this agency with Manufacturer's Statement of Origin.

Does your bid comply EXACTLY as written? Yes____ No____

13. **Warranty:** The successful bidder shall provide remounter's warranty coverage for the ambulance or rescue vehicle conversion, which coverage shall, at a minimum include:
 - (a) A Limited Warranty shall be provided on the ambulance remount conversion. The remounter shall warrant to the original retail purchaser that, for a period of thirty six (36) months or thirty-six thousand (36,000) miles or greater from the point of delivery, whichever first occurs, the ambulance remount shall be free of substantial defects in remount materials and remount workmanship, which are attributable to Warrantor remount work and which arise during the course of normal use and service. There shall

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

be a copy of the Warranty statement included with the bid documents. **NO EXCEPTIONS.**

Does your bid comply EXACTLY as written? Yes____ No____

- (b) There shall be a minimum of 5 year unlimited mileage warranty on the Ambulance Remount electrical wiring system effective starting the date this agency accepts delivery of the completed vehicle. It is the intent of this requirement that items not manufactured or installed by the ambulance remounter be excluded. There shall be a copy of the Warranty statement included as part of the bid documents.

Does your bid comply EXACTLY as written? Yes____ No____

- (c) There shall be at minimum a three-(3) year/36,000 mile paint warranty covering the ambulance conversion and any painting done to the chassis. There shall be a copy of the Warranty statement included with the bid. **NO EXCEPTIONS.**

Does your bid comply EXACTLY as written? Yes____ No____

- (d) Warranty on the chassis portion of the completed ambulance or rescue vehicle shall be the responsibility of the OEM chassis manufacturer. The terms of such warranty are set forth in the chassis warranty literature included in the owner's manual. The successful manufacturer's sole responsibility with regard to the chassis shall be to provide reasonable assistance to the purchaser in obtaining warranty from the chassis manufacturer or its authorized service center. Bidders failing to meet these requirements shall be considered non-responsive.

14. Ambulance Bids and Alternate Bids: Considerable time and effort has been invested to design these specifications to the specific needs of this agency. Therefore, alternate bids not exactly to spec will not be considered.

15. Warranty Surety: To ensure quality, service, and full compliance to the above warranties the vehicle, with the exception of the chassis, must be constructed and refurbished by the ambulance manufacturer or an exclusive contractor that is backed by the manufacturer's warranty. Additional elements constructed and installed "in house" are required to ensure service and parts availability.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

- (a) All repairs and/or modifications to the ambulance remount will be provided by the ambulance manufacturer.

Does your bid comply EXACTLY as written? Yes____ No____

- (b) Are modifications, replacements, or repairs to existing cabinets constructed and installed by the ambulance manufacturer as the prime contractor?

Does your bid comply EXACTLY as written? Yes____ No____

- (c) Are the wiring harnesses, circuit boards, and O2 systems assembled, installed and tested by the ambulance manufacturer as the prime contractor?

Does your bid comply EXACTLY as written? Yes____ No____

- (d) Is the upholstery for seat cushions, head pads, and backrests assembled and installed by the ambulance manufacturer as the prime contractor?

Does your bid comply EXACTLY as written? Yes____ No____

16. **Delivery:** Since delivery proposals by the bidder will weigh heavily in the determination of the bid award, the delivery schedules that are submitted by the bidders shall automatically become binding upon the successful bidder. Delivery delays due to component supply problems or chassis delivery problems to the manufacturer shall not penalize either the dealer or the manufacturer. Delivery times must be specified on the bid form sheet. **Delivery must occur on or before June 30, 2016. ABSOLUTELY NO EXCEPTIONS WILL BE ALLOWED TO THIS SECTION.**

Does your bid comply EXACTLY as written? Yes____ No____

17. **Anti-Collusion Statement:**

By signing this bid, the bidder agrees that his bid is made without any understanding, agreement, or connection with any other person, firm, or corporation making a bid for the same purpose and that his bid is in all respects fair and without collusion or fraud.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

COMPANY NAME: _____

BIDDER SIGNATURE: _____

DATE: _____

18. Service and Warranty Repair:

Successful vendor must have or must designate and gain approval a comprehensive ambulance service and repair facility in the mid-central area of Tennessee to administrate warranty repair as needed. Vendor must have authorized factory trained service specialists and carry necessary inventory levels to affect prompt repair. Vendor shall have the right to contract with a local agency, properly equipped and trained to handle warranty and repair issues. **NO EXCEPTIONS.**

Bidders must list below their service facility and parts department profile to the purchaser.

FACILITY NAME: _____

ADDRESS: _____

PHONE NUMBER: _____

CONTACT NAME: _____

APPROX. MILES FROM PURCHASER: _____

YEARS OF EXPERIENCE IN AMBULANCE REPAIR BUSINESS: _____

SQUARE FT. OF FACILITY: _____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

NUMBER OF SERVICE BAYS: _____

NUMBER OF EMPLOYEES: _____

NUMBER OF FULL TIME AMBULANCE TECHNICIANS: _____

ARE TECHNICIANS FACTORY TRAINED? _____

TOTAL YEARS SHOP REPAIR EXPERIENCE: _____

VALUE OF SERVICE AND PARTS INVENTORY: _____

24-HR TURN AROUND TIME ON WARRANTY AND SERVICE? _____

NUMBER OF LIFT AREAS FOR SERVICE: _____

CAN SERVICE FACILITY PERFORM REMOUNTS? _____

CAN SERVICE FACILITY PERFORM ALUMINUM MODULE REPAIR? _____

IS FACILITY AND AUTHORIZED PPG COMMERCIAL FLEET PAINT
CENTER AND REPAIR FACILITY? _____

CAN SERVICE FACILITY DO SCOTCHLITE & LETTERING? _____

Does your bid comply EXACTLY as written? Yes _____ No _____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

19. Documentation of Remount Facilities: This agency is very concerned with making bid award to the most qualified remounter. In order to aid our decision, each bidder shall submit with their bid the following documentation:

1. Photographs of physical plant including:
 - a. All bays & interior of remount facilities
 - b. Paint shop
 - c. Lifts and lift area
 - d. Stocks of remount inventory and remount chassis.
2. Documentation of adequate Workman's Compensation insurance, Product Liability Insurance, and Garage Keepers Liability Insurance.
3. A current copy of their state issued Motor Vehicle Dealers License.

There are no exceptions allowed to this requirement. If requested documentation cannot be submitted with the bid, please do not continue. You will not qualify to bid.

Does your bid comply EXACTLY as written? Yes____ No____

20. QVM: To help assure the highest industry standard construction practices, the original manufacturer of the ambulance must be Ford QVM certified, and proof of this certification must accompany the bid. Bidders that cannot or do not provide proof of QVM certification will be deemed non responsive and their bids will not be considered. **No Exceptions.**

21. Repairs: This agency requires that the ambulance remounter provide "in house" repairs for structural repairs from any outside accidents, as well as warranty items that may arise as the result of the remount work. Service facility shall be within 100 miles of this agencies location.

Does your bid comply EXACTLY as written? Yes____ No____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

22. References:

This agency wishes to do business with an experienced, reliable, and honest ambulance remounter. Ambulance Remounter must show proof of being in business for ten (10) consecutive years as said business. As further evidence of bidder's ability to perform, the contractor shall submit a list of ten (10) customers with similar type ambulance Remounts delivered. The references shall also include name of service and contact information. These customers shall be easily identified in the references listing as recent ambulance deliveries. This agency will sample said references, along with any additional references from various sources, and compile results. The successful vendor will have a minimum 95% approval rating.

Does your bid comply EXACTLY as written? Yes____ No____

23. Bid Award:

BID AWARD CRITERIA: The agency is soliciting quality, state-of-the-art, and reliable emergency medical vehicles. Acquisition price shall not be the only or the prevailing factor in deciding the successful bidder.

24. **WARNING:**

This agency will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such an ambulance without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are prohibited from submitting bids to this agency in the future.

Does your bid comply EXACTLY as written? Yes____ No____

25. Piggyback Contract

It is the intent of this agency to enter into a contract with the successful bidder to allow that contract to be extended for 2 years, in order to add additional units to the contract. This contract shall allow for chassis model year increases, only if and when the successful bidder provides documentation from its chassis supplier on their letterhead indicating an increase to the chassis. This contract shall allow any other agency within the State of this contract, or any other State outside of this state to purchase off of contract. However, prospective purchasers shall enter into separate agreements for product being offered. The Bidding Agency does not control this contract outside of what it is intended upon. Latest literature and detailed specifications on the unit proposed shall be included with the proposal submittal.

26. Exceptions to Specifications: Any exceptions to these specifications indicated must be clearly pointed out. Otherwise, it will be considered that items offered are in strict compliance with these specifications and the successful bidder will be held responsible for delivering a vehicle meeting these specifications. Any exceptions must reference by

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Paragraph Number and Line and be explained in detail on a separate sheet marked "Exceptions". Any bidder not complying will be considered as non-responsive.

Any proposal which indicates "*No Exception*" to any item on our proposal documents, and also includes a letter from the vendor taking major or total exception to our specifications or indicates they are quoting to provide their standard methods of construction without listing any differences in the manner described, will be immediately rejected as non-compliant and removed from further consideration.

Should a vendor offer a quotation in response to this proposal and not take explicit exceptions and attempt to offer a unit not in compliance with the exact specifications, the Purchaser reserves the sole right to issue a Purchase Order with specified penalties and/or invoke a Performance Bond. Penalties will be assessed by the Purchaser. These will require that the Vendor pay the difference in price as offered in their proposal and what the Purchaser must eventually pay (from another compliant vendor) for vehicle(s) meeting these specifications (if a performance bond is not otherwise provided).

Section 2: Technical Requirements - Ambulance Chassis

Minimum technical specifications for remounting a manufacturer supplied ambulance module, in a Type I configuration, and subsequent remount to a 2016 or later Ford F-450 4X4 DRW Cab Chassis. Vehicle must comply with Federal and State laws and regulations and all safety regulations as applicable on date of delivery concerning automotive equipment and conditions and will be complete with standard equipment and all extra equipment as specified.

1. **Manufacturer and Model Year:** The chassis requirement for this specification is a Ford 2016 or later.

Does your bid comply EXACTLY as written? Yes_____ No_____

2. **Chassis Specifications:**

2016 F-450 Chassis XLT 4x4 SD Regular Cab 165" Wheelbase Dual Rear Wheel

F4H F450 4x4 Chassis Cab

165WB 165" Wheelbase

Z1 Oxford White Clear coat

3S 40/20/40 Cloth Seats with Steel Cloth Interior

653A Order Code 653A

STDGV GVWR: 16,500 lb. Payload Package

99T 6.7L V8 Turbo Diesel

44W 6-Spd Auto Transmission

TFB 225/70Rx19.5g BSW AS

64Z Wheels: 19.5" Argent Painted Steel

512 Spare tire, wheel, and jack

X4N 4.10 Ratio Limited Slip Wide track Axle

166 Rubber Floor Mat In Lieu Of Carpet

213 Electronic Shift-On-The Fly

41H Engine Block Heater

425 50 State Emission Compliance

47L Ambulance Prep. Package with Special Emissions (LPO)

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

- 67A Dual Alternators
- 98R Operator Commanded Regeneration
- 61J 6 Ton Hydraulic Jack
- 62M Adjustable Gas/Brake Pedals
- 942 Daytime Running Lights
- 585 Radio: AM/FM/CD

Does your bid comply EXACTLY as written? Yes_____ No_____

3. **Running Boards:** Install new highly polished aluminum diamond plate running boards on driver and passenger side with grip strut/ladder tread.

Does your bid comply EXACTLY as written? Yes_____ No_____

4. **Wheel liners:** Install Phoenix brand stainless steel wheel simulators on all exposed wheels.

Does your bid comply EXACTLY as written? Yes_____ No_____

5. **Liquid Spring Suspension:** In order to facilitate a proper load height while providing the most comfortable ride for the patient while also controlling maintenance costs and down time the remount must include a Liquid Spring suspension. It shall be capable of lowering the air suspension to facilitate loading of patients. This suspension shall automatically lower via a LH rear door switch. Once the LH rear door is closed, the LS suspension shall automatically resume to a proper ride height. The ambulance will be outfitted with a switch to override or inactivate this feature. The floor shall be at the lowest level permitted but not more than 34 ½ inches from the ground with NO MODIFICATION TO THE FORD OEM CHASSIS SUSPENSION.

Does your bid comply EXACTLY as written? Yes_____ No_____

6. **Mud Flaps:** The completed unit is to have custom mud flaps installed.

Does your bid comply EXACTLY as written? Yes_____ No_____

Section 3: Transfer of Ambulance Module Body

1. **Ambulance Module:** A suitable module for a Type I Ambulance shall be supplied by the ambulance manufacturer in accordance with this specification. If requested, the ambulance module must be available for inspection at the remounter's facility within 15 days of the bid opening. This inspection may, at the county's sole discretion, take place prior to the award of the bid.

Does your bid comply EXACTLY as written? Yes____ No____

2. **Module Inspection:** Inspect all exposed structure and framing for cracks, warpage, excessive wear and corrosion. Any questionable areas shall be treated with dye penetrant material to expose cracks. Professionally repair as needed.

Does your bid comply EXACTLY as written? Yes____ No____

3. **Module Remount:** .A typical Type I window opening shall be incorporated to mate up to the Ford chassis. The interior portion of this front wall shall also be professionally enclosed as necessary. The materials used shall be of OEM quality, and must match the existing material. Any necessary underbody structural changes shall be done in a professional OEM quality manner. Any changes made to the mounting plates shall be performed with utmost care and concern for structural integrity and quality materials. Mount down module squarely on chassis. Remounter to use OEM rubber isolators, mounting bolts and transfer body per OEM chassis body builder guidelines. The use of aftermarket or substandard components is strictly prohibited.

Does your bid comply EXACTLY as written? Yes____ No____

4. **Cab Seal:** Install a non-electrolytic accordion rubber boot between module and cab. Seal interface to eliminate air and water leaks. New stainless steel bolts and urethane adhesive will be used to fasten boot plate to cab and or the module body.

Does your bid comply EXACTLY as written? Yes____ No____

Section 5: Exterior Body and Trim

1. **Fuel Fill:** Provide and install new Cast Products fuel fill dish. Extend diamond plate in the immediate area of the fuel fill location to protect the paint. Apply a "Diesel Fuel Only" decal

Does your bid comply EXACTLY as written? Yes____ No____

2. **Diamond Plate:** Install all new aluminum diamond plate trim on module body. This will include rub rails, running boards, corner stone guards, and mid body rub rails if equipped.

Does your bid comply EXACTLY as written? Yes____ No____

3. **Rear Bumper:** A new, all aluminum rear bumper assembly, with center flip-up Grip-Strut® including new aluminum diamond plate rear kick plate will be installed.

Does your bid comply EXACTLY as written? Yes____ No____

4. **Fenderettes:** A new set of Austin rubberized fenderettes shall be installed on area above the rear wheels.

Does your bid comply EXACTLY as written? Yes____ No____

5. **Placard Holders:** Custom placard holders shall be fabricated and installed on each side of the module. Placards shall also be supplied and installed to properly identify this vehicle. Exact locations and details shall be coordinated with Robertson County personnel.

Does your bid comply EXACTLY as written? Yes____ No____

6. **Door Panels:** The side and rear entry doors shall have new polished aluminum tread plate door panels installed on the lower portion of each door.

Does your bid comply EXACTLY as written? Yes____ No____

Section 6: Module Exterior Finish and Lettering

1. **Preparation:** Prior to any paint and bodywork beginning, remove all exterior compartment and entry doors, all hardware, hinges, handles, gaskets, windows, trims, and lights. NO EXCEPTIONS TO THIS REQUIREMENT WILL BE ALLOWED.

Does your bid comply EXACTLY as written? Yes_____ No_____

2. **Surface Refinished:** In order to provide the highest quality paint surface preparation, and to evaluate the module for evidence of electrolysis, complete and total mechanical removal of all paint, oils, and contaminants from module surface will be achieved. Sand blasting is not acceptable and may damage the module.

Does your bid comply EXACTLY as written? Yes_____ No_____

3. **Electrolysis Inspection:** Module will be inspected 100% for evidence of electrolysis. Such areas will be specially treated to prevent any further damage and remove visible damage. NO EXCEPTION.

Does your bid comply EXACTLY as written? Yes_____ No_____

4. **Damage Repair:** All minor body damage will be repaired in an industry standard professional manner to like new condition. NO EXCEPTION.

Does your bid comply EXACTLY as written? Yes_____ No_____

5. **Paint Process:** The module body shall be repainted in PPG Single Stage Concept Urethane Paint Process.

Does your bid comply EXACTLY as written? Yes_____ No_____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

6. **Paint Striping:** An orange reflective stripe per TN regulations shall be installed. There shall also be 6" orange reflective chevron alternating with 6" white paint on the rear of this module. The horizontal orange stripe shall wrap around the rear corners and transition smoothly into the 6" chevron pattern. There shall be no pinstripe on this vehicle.

Does your bid comply EXACTLY as written? Yes____ No____

7. **Lettering:** Provide and install customer specific lettering. Install KKK, DOT, and Ambulance and Star of Life decals per KKK regulations and Tennessee Department of Health Specification. Install a Star of Life decal on the module roof of not less than 32" height. Specific details of the decal package will be arranged with the successful vendor.

Does your bid comply EXACTLY as written? Yes____ No____

8. **Privacy Film:** 3M Perforated white window privacy film with shall be installed on all entry door windows per film manufacturer recommendations. The rear door upper windows shall have the Star of Life embedded in the film.

Does your bid comply EXACTLY as written? Yes____ No____

Section 7: Electrical, Lighting, Safety, and Warning Systems

1. **Switch Panels/Console:** Provide and install new custom built front RC Tronics switch panels and custom console with full size switches. The console will be a comparable equivalent to RCEMS existing vehicle layout. A digital ammeter, voltmeter, and low voltage alarm will be installed. Because the chassis OEM seats are not available with armrests, aftermarket, console mounted armrests shall be installed in cab. Black vinyl material shall be used to coordinate with the OEM chassis interior. These armrests shall be mounted in a sturdy, professional manner to withstand years of use. In addition to the siren and switches, the console shall allow space for the installation of traffic arrow controls and 2 Kenwood NX-800-K Radios The console will include storage space for items such as gloves, binders, and maps. A cup holder capable of holding 2 large cups will be positioned at the rear of the console as to avoid the possibility of liquid contact with electronics.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes____ No____

2. **Audible Warning Systems-Siren:** A new Federal EQ2B siren amplifier shall be supplied and flush mounted into the new front console with Federal BP200-EF 200 watt speaker shall be included and installed. The siren will also function with a hands free option with connection to the horn ring and a siren/horn switch on the console. Power to the siren system will only be available when the Emergency Master switch on the console is powered on.

Does your bid comply EXACTLY as written? Yes____ No____

3. **Heat/Cool Unit:** Install new Hoseline Super Core Heat/Cool unit with wall mounted thermostat. There will be an auxiliary underbody mounted condenser installed per Hoseline and OEM chassis requirements. This system shall be complete with all-new hoses and fittings.

Does your bid comply EXACTLY as written? Yes____ No____

4. **Heat/Cool Testing:** System shall be extensively tested for peak performance and readings shall be provided to customer.

Does your bid comply EXACTLY as written? Yes____ No____

5. **Power Vent:** Shall be tested and repaired or replaced to meet original equipment performance.

Does your bid comply EXACTLY as written? Yes____ No____

6. **Audible Warning Systems-Air Horns:** A set of dual Buell Emergency Air Horns with highly polished brass chrome trumpets will be mounted in the lower front bumper of the chassis. A standard duty compressor and 3 gallon air tank will also be provided and installed. The air horn system will receive power any time the ignition is turned on and will be activated by a push on/release off switch on the console.

Does your bid comply EXACTLY as written? Yes____ No____

7. **Power Distribution Panel:** The remount shall include a new RC Tronics electrical system. This system shall include new switches and panels in the cab and new

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

switches and panels in the Action Area of the ambulance module. In addition the remount shall also include a new RC Tronics control board.

Does your bid comply EXACTLY as written? Yes____ No____

8. **Wiring Installation:** All new power wiring provided shall be copper and conform to all the SAE J1292 requirements and shall have GXL or SXL high temperature thermoplastic or better insulation rated to 125 degrees centigrade and conforming to SAE J1127 and J1128.

Does your bid comply EXACTLY as written? Yes____ No____

9. **Wiring Labeling:** All wiring shall be permanently color-coded and function labeled for easy identification and troubleshooting.

Does your bid comply EXACTLY as written? Yes____ No____

10. **Wiring Loom:** The engine wiring shall be routed in conduit or high temperature looms with a rating of 300 degrees Fahrenheit. All added wiring shall be in protective loom, located in accessible, enclosed and protected locations, and kept at least six inches away from the exhaust system components. Wiring and components shall not terminate in the oxygen storage compartment except for the compartment light and door switch plunger. All conduits, looms and wiring shall be secured to the body or frame with insulated metal straps in order to prevent sagging and movement which results in chafing, pinching, snagging, or any other damage. All apertures on the vehicle shall be properly grommited for passing wiring and conform to SAE 1292.

Does your bid comply EXACTLY as written? Yes____ No____

11. **Battery Switch:** A new battery disconnect switch shall be installed. This switch shall be activated via the chassis ignition system and shall be capable of handling the module electrical loads. This switch shall only terminate the module wiring and shall in no way disconnect any power associated with the chassis. This switch shall also be capable of disconnecting itself, much like a fuse or breaker would, if it senses an overload or higher than normal amp draw from the module.

Does your bid comply EXACTLY as written? Yes____ No____

12. **Cab Wiring:** Install new power distribution harness and battery cables properly sized for their respective loads.

Does your bid comply EXACTLY as written? Yes_____ No_____

13. **Warning systems:**

- a. All LED warning light heads must meet NFPA 1901 or GSA K-Spec.
- b. LED Brake, Tail, Turn, and Backup Lights must comply with FMVSS-108, SAE J2040, SAE 2261, and SAE J593 standards.
- c. All light heads must carry a warranty of at least 5 years.
- d. The remounter will provide and install eleven (11) all new Federal QuadraFlare-LED 9x7 warning lights with chrome flange and clear lenses on the module.
- e. The side wall light configurations shall be typical setup.
- f. The front wall shall each include (5) Federal QuadraFlare 9x7 LED's.
 - i. From left to right the configuration shall be [red] [red] [clear] [red] [red]
- g. The rear wall shall include
 - i. Two (2) Federal QuadraFlare 9x7 LED's. These lights shall be red/white
 - ii. In the center position shall be a Federal QuadraFlare 6x4 amber emergency light
 - iii. 2 Federal 6x4 LED scene/load lights. These lights shall be on each side of the center amber light
- h. The side wall light configurations shall be as follows:
 - i. 2 Federal QuadraFlare 9x7 red LED emergency lights at approximate the upper corner on each side of the module.
 - ii. 2 Federal 9x7 LED scene lights inboard of the emergency lights on the upper module
 - iii. A Federal red 7x3 QuadraFlare LED emergency lights shall be installed on each side of the module approximately above the rear wheels.
- i. Intersection Lights:
 - i. Provide and install two (2) Federal QuadraFlare 9x7 LED's with chrome flange.
- j. Grille Lights:

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

- i. Provide and install two (2) new Federal MicroPulse Wide LED red grille lights in grille area.
- k. Stop/Tail/Backup Lighting
 - i. A set of Federal Signal QuadraFlare Brake/Tail/Turn/Backup lighting model QL64Z3V will be installed vertically on the left and right rear of the module.
- l. A Federal VPX Directional light with 8 LED elements and controller shall be installed above the rear doors of the module

Does your bid comply EXACTLY as written? Yes____ No____

14. **Door Switches:** Install all new door switches to meet or exceed existing switches. Because of numerous problems associated with the use of self-grounding switches, this type will not be allowed. A sealed switch that prohibits moisture intrusion is required. The use of self-grounding switches is prohibited!

Does your bid comply EXACTLY as written? Yes____ No____

15. **Door Locks:** Electric door locks shall be installed on all entry doors. These shall be activated via the OEM chassis door lock controls. These shall be installed in a professional, OEM manner and shall in no way violate OEM chassis warranties. All exterior doors are to be lockable via an “automotive style” lock with all compartment and patient compartment entry doors being keyed alike. The key shall be double sided for ease of insertion into the lock.

Does your bid comply EXACTLY as written? Yes____ No____

16. **Module Interior Lighting:** Install all new LED Whelen dome lights the roof of the ambulance module in place of round lights. These LED lights shall be properly spaced for most efficient utilization of light. If additional lighting is present, it must be LED.

Does your bid comply EXACTLY as written? Yes____ No____

17. **Cabinet and Compartment Lighting:** Interior and exterior cabinets and compartments will include LED lighting. The lighting for the exterior cabinets will activate when the door is opened and de-activate when closed. The lighting for the interior cabinets will assist in identification of equipment in low lighting conditions and will be controlled from a switch on the panel in the action area. Compartment lights will be flush mounted with wiring routed through the body eliminating any exposed wiring.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes____ No____

18. **Back-up Alarms:** a Federal Signal Evacuator Plus (dual tone) back-up alarm with a minimum output of 97 decibels will be installed.

Does your bid comply EXACTLY as written? Yes____ No____

19. **Rear View/Patient Compartment Cameras:** A Federal Signal Reverse Camera/Monitor System will be installed with a monitor in the ambulance cab. The rearview function will activate when the vehicle is placed in reverse. The camera for the rear will be placed above the rear doors. A camera will be mounted in the patient compartment which will allow the vehicle operator a view into the compartment. This camera will be positioned in a location that provides the best viewing angle of the entire compartment.

Does your bid comply EXACTLY as written? Yes____ No____

20. **Inverter:** A Vanner Lifestar Ambulance Power inverter will be installed. The vehicle electrical system shall be sufficient to furnish 110 volt AC power and 1050 watts. The 110 volt system shall incorporate a ground fault interrupter device for protection against electrical hazards.

Does your bid comply EXACTLY as written? Yes____ No____

21. **Shoreline:** A new Kussmaul 20A AutoEject (#091-20WP-120) shoreline outlet shall be installed.

Does your bid comply EXACTLY as written? Yes____ No____

22. **Radios:** The successful vendor shall install Robertson County supplied two-way radios. This shall consist of (2) front and (1) rear mounted radios. All radios shall be activated via the chassis ignition system. Specific details shall be coordinated with Robertson County personnel.

Does your bid comply EXACTLY as written? Yes____ No____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

23. **Antennas:** The successful vendor shall install (2) VHF and (1) UHF antenna with coax supplied by Robertson County. (1) VHF and (1) UHF coax will feed into the vehicle cab and will terminate beneath the console. Connections will be installed at a later date. (1) VHF antenna coax will terminate in the action area near the wall adjacent the captain's chair.

Does your bid comply EXACTLY as written? Yes____ No____

24. **Spotlight:** A hand held spotlight shall be provided with a minimum 100,000 CP lamp, corrosion proof housing with momentary switch, and minimum 8 ft. heavy-duty coiled cord. It shall be hard wired to the vehicle 12-volt DC system (for anti-theft reasons) and stowed in a holder in a compartment/area, accessible to the driver and passenger.

Does your bid comply EXACTLY as written? Yes____ No____

25. **Opticom:** An Opticom infrared emitter system will be installed on the vehicle and mounted to the front center portion of the module or in a location specified by the manufacturer that allows for optimum function. A switch on the cab console will allow the operator to turn the emitter on and off.

Does your bid comply EXACTLY as written? Yes____ No____

26. **Checkout Timer:** A checkout timer shall be installed on the attendant switch panel. This timer shall operate one row of LED dome lights for the purpose of cleaning and/or restocking the ambulance. This timer shall be wired "hot" at all times so the dome lights may be activated at any time.

Does your bid comply EXACTLY as written? Yes____ No____

27. **Door Panel Lights:** LED warning lights shall be installed on the lower interior corner of all module doors and illuminate when the door is opened. A momentary style switch to deactivate these lights will be installed on the attendant switch panel. The switch will reset when the unit is power cycled.

Does your bid comply EXACTLY as written? Yes____ No____

28. **Side Entry Step:** A new Kwikiee side entry door electric step shall be installed. This step shall deploy via a door activated switch. Anytime the side entry door is opened, this electric step shall extend to assist in entry to the module. A switch mounted near the side entry door will deactivate the step.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes____ No____

29. **Fire Extinguishers:** Two (2) ABC Dry Chemical multipurpose 5 pound units in restraint brackets will be installed. One in an outside compartment and one within the patient compartment or in a cabinet within the patient compartment.

Does your bid comply EXACTLY as written? Yes____ No____

30. **Stair-Chair Mount:** A Stryker Stair-Chair mount shall be installed in an exterior compartment. The exact style and location will be approved prior to construction by Robertson County. This mount shall be durable and of substantial design to protect the Stair-Chair in the event of an accident.

Does your bid comply EXACTLY as written? Yes____ No____

Section 8: Module Construction Requirements

1. The ambulance module body must be a year 2000 model or later.

Does your bid comply EXACTLY as written? Yes____ No____

2. The body shall be 150" long, and have minimum 68" headroom.

Does your bid comply EXACTLY as written? Yes____ No____

3. The aluminum skin, the roof and side panels, shall be permanently fastened to the framework using Lord 406/19 Acrylic Adhesive. Adhesive is applied to the sidewall skin to prevent warp age, oil canning and metal deflection associated with the welding of the sidewall skin to the structural framework. The use of double back adhesive tape is prohibited to eliminate the possibility of the adhesive tape failing to maintain a bond to the external skin.

Does your bid comply EXACTLY as written? Yes____ No____

4. The body wall skin shall be of prime commercial quality .125" thick 3003 H14 corrosion resistant aluminum. All side and roof panels shall be .125" thick. The use of side and roof panels that are of a lesser thickness is strictly prohibited.

Does your bid comply EXACTLY as written? Yes____ No____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

5. The wall and roof support framework shall be .125" 6061-T6 extruded aluminum box beams and extrusions spaced on 12" centers or less. There shall be no frame members spaced at a distance in excess of 12". The roof support framework shall additionally include .125" 6061-T6 extruded 1" x 2" aluminum box beams running the full length of the roof. The frame and skin shall be fully welded with no rivets.

Does your bid comply EXACTLY as written? Yes____ No____

6. The exterior of the body will be finished smooth with 45-degree SEAMLESS beveled extruded corners presenting a modern and dynamic appearance. The outer wall thickness of the extruded corners shall be .250" to provide additional protection at all corners. The body will be designed and built to provide impact and penetration resistance, with appropriate channel reinforcing to assure rigidity.

Does your bid comply EXACTLY as written? Yes____ No____

7. The roof surface shall be SEAMLESS and CROWNED and of ONE PIECE of .125" aluminum (3003-H14). The use of any type of sealer or caulking material is strictly forbidden. There shall be no lip or protrusion on the roof that could result in the entrapment of any water or moisture.

Does your bid comply EXACTLY as written? Yes____ No____

8. The perimeter of the roof shall be constructed of 45-degree SEAMLESS beveled extrusions that eliminate any lip or protrusion providing a smooth finish. The outer wall thickness of the roof perimeter extrusions shall be .250" to provide additional protection at all perimeter corners.

Does your bid comply EXACTLY as written? Yes____ No____

9. The roof under structure will be fabricated from extruded aluminum box beams (6061-T6). The under structure will be constructed by welding 1" x 2" x .125" box beams lengthwise and by welding 2" x 2" x .125" box beams, spaced on 12" centers or less, crossways forming a cross sectional grid roof support framework. The complete roof will be treated with a sound-deadening barrier. The roof panel shall be fully perimeter welded and adhesive bonded to the roof under structure with Lord 46/19 Acrylic Adhesive. The use of skip or intermittent welding of the roof perimeter is unacceptable.

Does your bid comply EXACTLY as written? Yes____ No____

10. The body sidewall skin shall be constructed of .125" aluminum (3003 H14). The sidewall under structure will be fabricated by welding 2" x 2" x .125" extruded aluminum box

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

beams vertically, spaced no further than on 12" centers. The vertical tubing will join and be welded to roof supports (2" x 2" x .125" extruded aluminum box beams) to form an interlocking grid between the sidewall and the ceiling. The complete sides will be treated with a sound-deadening barrier. The body sidewall skin shall be fully welded around the entire perimeter and all body openings and adhesive bonded to the sidewall frame work with Lord 406/19 Acrylic Adhesive.

Does your bid comply EXACTLY as written? Yes_____ No_____

11. The floor sub-structure shall consist of two (2) 1/4" walls 2" x 2" aluminum tubes running at the outer edge for the full length of the floor and the chassis frame rails. There shall then be fourteen (14) 1 1/2" x 1 1/2" x 1/4" walls 1 1/2" x 2" aluminum tubes running the width of the floor and fully welded to the outer tubes. This sub-structure frame is to mount on top of the Chassis frame rails via the 10 OEM Pucks. 2 Full-Length Plates measuring 3/4" x 6" shall be welded to the underside of the 1 1/2 x 1 1/2 tubes, one left and one right. The outer edges of these plates shall be welded to the 2 x 2 primary box beams. These plates shall be bolted, via OEM rubber mounts, to gusseted steel brackets bolted to the OEM frame. There shall be ten (10) rubber mounts attaching the body to the frame.

Does your bid comply EXACTLY as written? Yes_____ No_____

12. Compartments provided on the unit will be constructed as follows: The compartment floor will be fabricated of .125 diamond plate aluminum (3003-H14) and the ceiling and bulkheads of .100 diamond plate aluminum (3003-H14). All compartment floors will be reinforced with two 1x2 aluminum bars on the underside of the floor.

Does your bid comply EXACTLY as written? Yes_____ No_____

13. The corner of each door frame shall be 1/4" Cast Aluminum inserted & welded to horizontal & vertical extrusions. This Cast part shall ensure superior strength as well as uniform fit & finish.

Does your bid comply EXACTLY as written? Yes_____ No_____

14. The door(s) of each compartment will be flush type (being on the level with adjacent body surface) and of PAN FORMED / EXTRUSION DOUBLE BREAK construction. The weather seal is to be mounted on the outer flange of the door with the latches and strikers mounted on the extruded second break inside the door opening. This door design eliminates exposure of the latches to the elements and prevents moisture from corroding the latch mechanisms.

Does your bid comply EXACTLY as written? Yes_____ No_____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

15. All doors shall be constructed of. 125 aluminum and 2 ½" thick.

Does your bid comply EXACTLY as written? Yes____ No____

16. All doors shall be reinforced and cross-braced inside for increased strength allowing for the mounting of equipment on the door.

Does your bid comply EXACTLY as written? Yes____ No____

17. Rear and side patient compartment doors shall have dark tinted safety glass windows encased in extruded aluminum frames. Each rear door shall have an approximate 18.5" x 17.5" fixed window. The side door shall have an approximate 18.5" x 17.5" slide opening window with screen and window lock.

Does your bid comply EXACTLY as written? Yes____ No____

18. Right side entry door opening of approximately 68"H X 30" W.

Does your bid comply EXACTLY as written? Yes____ No____

19. Rear entry door opening (double door) minimum: 57"H X 48" W.

Does your bid comply EXACTLY as written? Yes____ No____

20. **Door Connecting Rods:** The remount shall include all new door handles, rotaries, and connecting rods. The door linkage rods' connecting the door handles and the rotary latches are to be 5/32 steel rods threaded on turn buckle end. They shall be straight direct pull rods with no bends built into the rods allowed. Adjustments to the entry door linkage rods are to be provided by a turnbuckle located above and below and adjacent to each interior door handle.

No Exceptions.

21. The remount shall include a new Stryker model cot mount system.

Does your bid comply EXACTLY as written? Yes____ No____

22. Interior cabinets must have restocking style tilt out aluminum frames.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes____ No____

23. The entire body will be a welded and SEAMLESS one-piece body. The entire perimeter and around all openings of the body shall be fully welded and ground smooth thus eliminating any joints or seams. The use of tongue and groove method of construction that requires the use of a seam sealer is not acceptable. This is to prevent the cracking of paint at these areas resulting in a buildup of road dirt and grime and the eventual development of corrosion along the tongue and groove seams.

Does your bid comply EXACTLY as written? Yes____ No____

24. **Weather-stripping:** Each compartment opening is to be sealed with full perimeter 5/8" wide by 1/2" thick hollow core wiper seal. The seal is to be mounted on the doorframe out board of the striker pins and the door latches. This seal insures that each compartment will be dust and waterproof and that the striker pins and door latches will remain dry and clean. Each door shall be water spray tested to verify adequate sealing when closed.

Does your bid comply EXACTLY as written? Yes____ No____

25. **Compartment Door:** Compartment doors are to be closely inspected for condition and repaired as necessary. The remount shall include all new door handles, rotaries, and connecting rods.

- a. Checked and trued for alignment and closure
- b. All hold opens checked for operation and defective closures replaced
- c. Lubricate all door latches and locks for proper operation
- d. All door hardware shall be replaced with new to insure 100% operation
- e. Any damaged windows replaced with like OEM windows from OEM manufacturer

Does your bid comply EXACTLY as written? Yes____ No____

26. **Gas Struts:** All compartment doors will be equipped with a gas strut door stay that holds the door at 90 degrees to the body when open. All gas struts are to be mounted in such a way as to allow for easy access in the event that replacement or repair is required. There shall be a "dampening" device installed within each gas strut for the purpose of preventing the "shock" that can occur when a gas strut is fully extended.

Does your bid comply EXACTLY as written? Yes____ No____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

27. Rear patient compartment doors shall be equipped with Cast Products "Grabber" hold-open devices. Side patient compartment door shall be equipped with Gas Strut door opening device.

Does your bid comply EXACTLY as written? Yes____ No____

28. All compartment and entry doors shall have one-piece Stainless Steel doorsill protectors that will cover both surfaces of the body opening.

Does your bid comply EXACTLY as written? Yes____ No____

29. The inner panel on all exterior compartment and entry doors will be fastened to the extruded door-frame and recessed into the door frame extrusion for a flush finish. Surface mounting of any interior door panels is not allowed. All fasteners used for the mounting of the interior panels are to have a rubber grommet affixed to the underside of the screw head to prevent the fastener screws from loosening and backing out of the extrusion. The interior door panels shall be readily removable for access to the interior of the door and the latching mechanism.

Does your bid comply EXACTLY as written? Yes____ No____

30. All fasteners, bolts, screws, etc. used in the assembly of the body and all attachments shall be coated with the "ECK" brand corrosive protectant. Additionally, all exterior door hinges, both entry and compartment, are to be coated with "ECK" protectant prior to the installation of the door. This "ECK" coating is to be used in lieu of a gasket material behind the hinge to prevent the problems of gasket retention and deterioration.

Does your bid comply EXACTLY as written? Yes____ No____

31. **Door Striker:** Door strikers shall be installed on the vertical compartment flanges, with the exception of double doors. There are to be two (2) pins per door, with the exception of the battery compartment door. All striker pins shall be fully adjustable from the exposed side. They will be grade 8.0 cadmium plated steel strikers with a "captive nut" for adjustment and so located as not to interfere with the sweep-out design of the compartment itself.

Does your bid comply EXACTLY as written? Yes____ No____

32. **Drip Rail:** Each compartment and entry door is to have a full width aluminum drip rail mounted above each door. All drip rails are to be attached using double back adhesive tape. The use of screws, rivets, or any other form of metal attachment is not acceptable.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes____ No____

33. **Door Latches:** The door latch assembly of each compartment will be an Eberhard Grabber 21100 series, two (2)-point slam lock (206 rotary latch), of stainless steel construction. Door latch assemblies shall be "blind mounted" eliminating any exposed mounting hardware on the exterior side of the latches. There is to be a rubber gasket between the exterior stainless steel latch assembly and the aluminum door to ensure the isolation of the two dissimilar metals.

Does your bid comply EXACTLY as written? Yes____ No____

34. **Door Hinge Pin:** Each compartment door will be mounted with a continuous stainless steel hinge with a minimum pin diameter of (.250). Hinge Pin diameter of less than (.250) is unacceptable to ensure the long-term performance of the hinge in this extreme use application.

Does your bid comply EXACTLY as written? Yes____ No____

35. **Door Insulation:** All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 reflectics insulation. Additionally there shall be a single layer of 2" polystyrene insulation installed in each door.

Does your bid comply EXACTLY as written? Yes____ No____

36. **Door Access ports:** In order to facilitate adjustment and routine maintenance of door linkage rods and latches, all patient compartment entry doors shall have access ports. There is to be an access port above and one below each interior entry door handle of sufficient size to allow for the adjustment of the door linkage rods. Access ports shall also be provided for the lubrication of the slam latches located at the top and bottom of each entry door. All ports are to be covered with a friction type "plug-in" plastic cover that is readily removable.

Does your bid comply EXACTLY as written? Yes____ No____

37. **Compartment Interiors:** Any and all carpeting in the compartment interiors will be removed. If the compartment interiors are painted, then these surfaces will be properly prepped and Zolatone will be applied to these surfaces. If the compartments are diamond plate, these surfaces will be properly cleaned, polished, and refreshed or replaced where necessary. All exterior compartment shelving shall be "Pan" style aluminum shelves mounted on two (2) sets of unistrut tracks at each end of the shelf providing infinite adjustment. Rubber matting is to be installed on the topside of all shelving.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes_____ No_____

38. All exterior compartments will be sweep out style to provide for ease of cleaning. Drain holes are not desirable. All exterior compartments will be vented to provide for the displacement of air when closing doors. Vent louvers shall be installed on the vertical walls of the exterior compartments.

Does your bid comply EXACTLY as written? Yes_____ No_____

39. In the assembly of the body, areas where steel is in contact with aluminum, there shall be butyl rubber isolator pads installed. This pad provides corrosion and water resistance.

Does your bid comply EXACTLY as written? Yes_____ No_____

40. All parts of the body and attachments will be fastened together with rust resistant fasteners in a manner that will preclude loosening of any bolts and screws, and the cracking of welded joints. The exterior body panels will be made of not less than 0.125" thick metal and be reinforced at all points where equipment will be attached.

Does your bid comply EXACTLY as written? Yes_____ No_____

41. The body will be a bolted and welded structure. Welding will not however, be employed in the assembly of the body in a manner that will prevent the ready removal of any component part for service or repair.

Does your bid comply EXACTLY as written? Yes_____ No_____

42. All body openings shall be seamless. Body openings framed with tongue and groove style extrusions requiring the use of seam sealer will not be acceptable.

Does your bid comply EXACTLY as written? Yes_____ No_____

43. **Roof/Side Panel Construction:** All side panels and the roof panel shall be a single sheet of aluminum. Covering the sidewall, front, rear or roof of the exterior body with sectional pieces of aluminum panels is prohibited. This is to eliminate the necessity for joints or seams where these panels join.

Does your bid comply EXACTLY as written? Yes_____ No_____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

44. **Sub-Floor:** After removal of old floor covering, the sub-floor shall be closely inspected for damage. Sub-floor shall be replaced as necessary.

Does your bid comply EXACTLY as written? Yes____ No____

45. **Flooring:** Sub-floor shall be sanded to remove all imperfections before installation of new floor. A Lonseal #424 Lonseal Lonplate II Gunmetal safety floor shall be installed and coved up sidewalls 3" for ease of cleaning. Floor shall be color coordinated to the interior color scheme and approved by this agency prior to installation.

Does your bid comply EXACTLY as written? Yes____ No____

46. **Thresholds:** Replace side and rear thresholds with satin finish stainless steel sealed for sanitation. There will be 2" non-skid material applied to these thresholds for added safety.

Does your bid comply EXACTLY as written? Yes____ No____

47. **Upholstery:** All upholstery in the patient compartment shall be replaced with thermal formed seamless 36 ounce material. This upholstery work shall be performed in a professional manner, free of flaws and defects in material and workmanship. Color shall match current material used in other RCEMS fleet. A new EVS 1850 vacuum-formed EMT seat with integrated child safety seat shall be installed on a new genuine EVS swivel base. This entire system shall be properly secured to the floor structure for crash worthiness

Does your bid comply EXACTLY as written? Yes____ No____

48. **Custom Cabinets:** Any specially requested cabinets are to be fabricated in a manner consistent with the existing cabinets.

Does your bid comply EXACTLY as written? Yes____ No____

49. **Cabinetry:** Cabinets will be checked for sharp edges, defective areas, and professionally repaired including the following items:

- a. Trim out interior to a like new condition. This also shall include replacing any needed Formica.
- b. Manually check cabinet mounting bolts to insure stability and strength.
- c. Check all shelves for security and make rattle proof.
- d. Check all seatbelts and replace all defective ones as needed.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

- e. Replace any damaged or missing trim.
- f. Replace any rusty or discolored screws or trim.
- g. Provide high quality clean up and sanitation to all cabinetry, compartments, headliner, etc.
- h. Replace all Plexiglas interior windows and replace the aluminum window tracks and felt as needed.

Does your bid comply EXACTLY as written? Yes____ No____

50. **ALS Cabinet:** The existing ALS cabinet shall have solid double-doors installed with latches. This setup shall be consistent with our other fleets design. All materials used shall be OEM quality of matching colors and quality to the remainder of the cabinet. There shall be three (3) 12Vdc outlets installed in the lower portion back wall of this cabinet.

Does your bid comply EXACTLY as written? Yes____ No____

51. **Glove Holder:** There shall be a glove box holder cabinet installed in the patient compartment. There shall be a Plexiglas door with access holes for each box. This cabinet shall be of consistent design to our remaining fleet.

Does your bid comply EXACTLY as written? Yes____ No____

52. **Hand-held flashlights:** 2 Streamlight Fire Vulcan rechargeable LED flashlights with 12 volt charger bases will be installed. One will be installed within the ALS cabinet where it is accessible from the inside and outside of the unit. One will be installed in the cab and accessible to the driver.

Does your bid comply EXACTLY as written? Yes____ No____

53. **Controlled Medications cabinet:** There will be a cabinet in the area of the attendant seat with the ability to secure controlled medications with lock and key. The cabinet will have a minimum depth of 8 inches.

Does your bid comply EXACTLY as written? Yes____ No____

54. **Oxygen System:** Perform 4-hour leak test at 100 psi. Repair any leaks noted and re-test and tag system with certification.

Does your bid comply EXACTLY as written? Yes____ No____

55. **Oxygen Outlets:** Check all oxygen outlets for proper function. Replace any defective outlets as needed with all new Ohio outlets. Perform 4-hour 100psi leak test and seal.

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Does your bid comply EXACTLY as written? Yes____ No____

56. **Suction System:** An electrically powered suction aspirator system shall be furnished with an illuminated switch and a panel mounted, labeled, quick disconnect inlet device on the panel. The suction pump shall be located in an area that is accessible but sound and vibration insulated from the patient compartment. The pump shall be vented to the vehicle's exterior. A vacuum control and a shut-off valve, or combination thereof, shall be provided to adjust vacuum levels. A vacuum indicator gauge of 3" +/-0.5" in diameter, with numerical markers at least every 100 mm Hg and a total range of 0 to 760 mm Hg, shall be provided. The system will be compatible with the Bemis Hi-Flow 1200 ml disposable canister. The vacuum lines and outlets will be thoroughly tested for proper operation.

Does your bid comply EXACTLY as written? Yes____ No____

57. **Oxygen Tank Straps:** A new set of main O2 bottle retention straps shall be installed. These straps are to be crash-worthy and of OEM quality and design sufficient to maintain an M oxygen cylinder.

Does your bid comply EXACTLY as written? Yes____ No____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Robertson County EMS
BID FORM

NAME OF BIDDER: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____

PERSON TO CONTACT _____

CONTACT EMAIL _____

We herewith submit and bid as follows:

CHASSIS/MAKE: _____

MODEL/TYPE: _____

AMBULANCE BRAND: _____

F.O.B. POINT: _____

DELIVERY-CALENDAR DAYS: _____

NET PRICE AS SPECIFIED: _____

F.O.B. LUMP SUM BID : \$ _____ AS PER SPECIFICATION, TAKING NO EXCEPTIONS
F.O.B. LUMP SUM BID : \$ _____ TAKING ONLY THOSE SPECIFICATION EXCEPTIONS
LISTED, ATTACHED AND REFERENCED TO
PARAGRAPH NUMBER SPECIFIED

It is agreed by the undersigned bidder that the signature and submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of bid specifications and, if awarded, the bid will represent the agreement between the two parties upon issuance of a valid Purchase Order by Robertson County, TN.

SIGNED: _____ DATE: _____

NAME PRINTED: _____ TITLE: _____

BID # 1314 REMOUNT SPECIFICATIONS

TYPE I AMBULANCE

Robertson County, Tennessee
NON-COLLUSION AFFIDAVIT

The agent of the bidding firm hereby certifies to the best of his/her knowledge and belief that this bid proposal to Robertson County, Tennessee has not been prepared in collusion with any other seller of similar products. The agent also certifies that the prices, terms and conditions of said bid proposal have not been communicated by the undersigned, nor by any employee or agent of the bidding firm, to any other seller of similar products and will not be communicated to any such seller prior to the official opening of said bid. The agent further states that no official or employee of Robertson County Government has promised any personal financial or other beneficial interest, either directly or indirectly in order to influence award of this bid.

Authorized Signature, Title (Owner/ Corporate Officer)

Date

Printed Name: _____

Company Name

Mailing Address

Telephone No.

Fax No.

Contact email address: _____

EXCEPTIONS / CLARIFICATIONS

Each bidder may copy this form, as necessary to sufficiently list all exceptions and variations from specifications (Please list as shown, by page, item number, and check if vendor chooses not to supply, or is unavailable, or describe deviation or substitution in detail, if furnished). Purchaser will be the sole judge of proposed substitution equivalency.

VENDOR NAME: _____

BIDDING: _____

EXCEPTION PAGE: _____ OF _____

SPECIFICATION PAGE:	REFERENCE #	NOT AVAILABLE:	EXPLANATION:
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