SEVIER COUNTY TENNESSEE

DIVISION OF EMERGENCY MEDICAL SERVICES

MINIMUM SPECIFICATION FOR TYPE I, CLASS 1, CONFIGURATION "A" AMBULANCE

A. INVITATION TO BID

Bid #2016 AMBULANCE

November, 2016

Sevier County Ambulance Service is soliciting competitive sealed bids from qualified Suppliers for the **Purchase of two (2) or more dual rear wheel type I, Class 1 Floor Plan A, ALS ambulances to be built in accordance with the Federal Ambulance Specification KKK-A-1822F or the latest edition available at the time the vehicle is constructed for Sevier County Ambulance Service.**

Bids should be typed or submitted in ink and returned in an enclosed envelope or in a sealed container marked "Ambulance Bid" & have Company Name attached. **Bids will be received until 10:00 A.M. local time on November 28, 2016. Please see attached bid announcement for specifics of where the bid should be mailed.** Any bid received after this date and time will not be accepted. No e-mailed or faxed bids will be accepted. Bids will be publicly opened and read according to attached bid announcement page. Apparent bid results will be available the following business day at 10:00 A.M. (All apparent totals will be given).

Questions regarding bids should be directed to Rick Valentine, EMS Director at 865-453-3248 ext 105, no later than 5 days before the scheduled bid opening date. Bids are legal and binding upon the bidder when submitted. All bids should be submitted in duplicate.

Sevier County does not discriminate on the basis of disability in the admission or access to its programs or activities.

The written bid documents supersede any verbal or written prior communications between the parties.

Award will be made to the suppliers submitting the lowest responsive and responsible bid. Sevier County reserves the right to reject any or all bids to waive technicalities and to make an award deemed in its best interest. Bids may be split or awarded in entirety.

All companies submitting a bid will be notified in writing of award.

We look forward to your bid and appreciate your interest in Sevier County.

Sincerely,

Sevier County Ambulance Service

B. BID SCHEDULE AND PRICING PAGE

The following pages should be returned in duplicate as your bid: Entire Bid Package

Bid# 2016 AMBULANCE
Delivery will be F.O.B. Destination to: Sevier County EMS
718 Middle Creek
Sevierville, TN 37862

BID SCHEDULE

ITEM #

QTY

DESCRIPTION

MANUF. & NO.

DELIVERY A.R.O.

Bid Request #1: UNIT PRICE EACH in dollars/cents for TYPE I MODULAR AMBULANCES PER SPECIFICATIONS.
This bid amount will include a Chevrolet/GMC chassis cost: $_____each

TRADE IN ALLOWANCE:
Two ambulances in the current Sevier County fleet are being traded in on the new ambulances. Details of the trade in ambulances are:

2010 TYPE III TAYLOR MADE AMBULANCE FULL SIZE MODULAR GMC with 214,000 current miles. Chassis VIN#: 1GD6G2BL8A1168226 Trade in allowance: $_____

2011 TYPE III TAYLOR MADE AMBULANCE FULL SIZE MODULAR GMC with 197,000 current miles. Chassis VIN#: 1GD372CL4B1167951 Trade in allowance: $_____

Photos of trade in vehicles are available upon request from Sevier County EMS Assistant Director Rick Valentine.

FAILURE TO RETURN THE FOLLOWING BID DOCUMENTS WILL RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION:

1. Failure to use County Bid Schedule.

2. Failure to return applicable compliance Sheets/Specification sheets.

3. Failure to return applicable addenda.

4. Failure to provide information on alternates or equivalents when allowed.

5. The County shall be the sole determinant of technicality vs. non-responsive quotes.

6. Failure to provide required certification/testing (kkk-a-1822-F) documents with bid.

7. Failure to provide product liability insurance certificate.

8. Failure to provide signed non-collusion statement.

9. Failure to provide Tennessee Motor Vehicle Dealer & Sales License.

C. CERTIFICATION OF NON-COLLUSION IN BID PREPARATION (SIGNATURE)

In compliance with the attached specifications, the undersigned offers and agrees, if this bid is accepted by Sevier County within sixty (60) days of the date of bid opening, to furnish any or all of the items upon which prices are quoted, at the price set opposite each item, delivered to the designated point(s) within the time specified in the bid schedule.

Company Name

Complete Physical Address

City State Zip

Representative Signature

Date

Telephone Number

Fax Number

Print Authorized Representative's Name

If Remittance address is Different Indicate Here

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Please note that drawings 8 and 9 are not actual depictions of the stretcher retention system being utilized on these trucks. In this specification document is does indicate that a floor plate (with battery charging capabilities) for the Stryker Performance Load system will be delivered to and installed by the ambulance builder. The exact location of the floor plate will be determined by Sevier County representatives prior to installation.

For any questions regarding actual ambulance depictions please refer to the specifications or contact Sevier County representative for clarifications.

G. GENERAL STATEMENT AND CONSTRUCTION

1. Background - Sevier County is located in eastern Tennessee and has a full time population of 95,000. Sevier County Emergency Medical Services provides advanced life support emergency medical services, and transport for the majority of Sevier County. The Department currently operates 13 EMS units. We currently have an authorized strength of 110 EMT/Paramedics, and support staff. In 2014 the Department responded to approximately 13,000 incidents and logged over 500,000 miles on its fleet.

2. Intent - It is the intent of this specification to describe a Type I, Class 1, Floor Plan A, ALS ambulance to be built in accordance with the Federal Ambulance Specification KKK-A-1822F or the latest edition available at the time the vehicle is constructed, unless otherwise stated in the following specifications. The modular body is intended to be 150" long X 96" wide X 72" interior height. Sevier County is concerned with vehicles that provide ease of operation with as high as possible departure angles and fit in existing stations. The body should be mounted on a new production model chassis. The unit shall be two-wheel drive per the attached specification guideline. The specified chassis selection is based on the OEM providing an engineered, and application specific ambulance preparation package. All bidders shall be bidding their top-of-the-line quality production units.

3. Design - Sevier County is very concerned about purchasing vehicles that are safe, easy to use, dependable, requires a minimum of maintenance, provides top performance, and a long life cycle. When designing this vehicle, bidders shall pay particular attention to these requirements.

The design of the equipment shall be in accordance with the best engineering practices. The equipment design and accessory installation shall permit accessibility for use, maintenance and service. All components and assemblies shall be free of hazardous protrusions, sharp edges, cracks or other elements that may cause injury to personnel or equipment.

All oil, hydraulic and air tubing lines, and electrical wiring shall be located in protective positions properly attached to the frame or body structure and shall have protected loom or grommets at each point where they pass through structural members, except where a through frame connector is necessary.

Parts and components should be located or positioned for rapid and simple inspection and recognition of excessive wear or potential failure. Whenever functional layout of operating components determines that physical or visual interference between items cannot be avoided, the item predicted to require the most maintenance should be located for the best accessibility.

Cover plates, which must be removed for component adjustment or part removal, should be equipped with quick disconnect fasteners or hinged panels.

Drains, filler plugs, grease fittings, hydraulic lines, bleeders and check points for all components should be located so that they are readily accessible and do not require special tools for proper servicing. When practical, drain lines shall be hard plumbed to the underside of the vehicle. Design practices should minimize the number of tools and amount of time required for maintenance. All components shall be designed, mounted and protected so that heavy rain or other adverse weather conditions will not interfere with normal service and operation.

4. Letter of Certification - Anyone responding to this bid invitation shall include a Letter of Certification with the bid. The Letter of Certification shall be written by a bonded independent testing laboratory nationally recognized within the ambulance industry. Certification provided shall match the chassis model & specifications of model requested for bid. Certification by employees of the ambulance manufacturer or by the manufacturer is not acceptable. The laboratory shall certify that the ambulance required by the bid specification has been examined and tested for compliance to the KKK-A-1822F specification. Certifications should be for ambulances built on the specified chassis. Body dimensions for the certification should be comparable to the size identified in this specification. Bids not providing certificate/letter with bid will not be considered. **(No Exceptions)**

5. Engineering - Anyone responding to this bid shall have at least one on-site engineer that has been employed in that position for a minimum of 3 years by the same manufacturer, or has a degree in engineering along with certification. These persons should be devoted to the design process of the vehicle and not utilized as production employees. Copies of the individual's certification papers will be made available upon request.

6. Vehicle, Ambulance Components, Equipment, and Accessories - The emergency medical care vehicle; including chassis, ambulance body, equipment, devices, medical accessories, and electronic equipment; shall be standard commercial products, tested and certified to meet or exceed the requirements of this specification. The ambulance shall comply with all Federal Motor Vehicle Safety standards (FMVSS) and federal and state regulations applicable or specified for the year of manufacture. The chassis, components, and optional items shall be as represented in the chassis manufacturer's current technical data. The ambulance body, equipment, and accessories shall be as represented in their respective manufacturer's current technical data. Data shall be limited to specifications and technical materials identical to that furnished to engineering/technical offices of the procuring activity and the supplier's (contractor's) offices prior to acceptance of the ambulance. The supplier shall provide total standardization and interchangeability between similar vehicles, equipment, items, and accessories specified for all ambulance units under each contract. Materials used shall be new and of a quality equal to or exceeding that of current engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended. No used or rebuilt materials shall be considered.

7. Recovered Materials – All equipment, material, and articles required under this specification are to be new or fabricated from new materials produced from recovered materials. The term "recovered materials" means materials, which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products is allowed under this document.

8. <u>Information and Descriptive Literature</u> - Bidder must furnish all information requested in the space provided on the bid form. In addition, bidder should supply at least three (3) complete sets of drawings, descriptive literature and complete construction type specifications describing the products offered. Construction specifications shall include specific metal thickness and dimensions on structural members used in body fabrication. Each bidder shall also provide information as to the projected weight per axle, total weight, and payload capacity of the completed vehicles as delivered. Several methods may be utilized to calculate this weight. **The only accepted method is as defined in the Federal Ambulance Specification KKK 3.5.2 (payload allowance) The only available payload accepted by Sevier County will be considering the equipment and items listed in this specification, and built into this unit as a part of the production process ONLY.** Any exclusion for optional equipment listed in KKK 3.15.3 will not be allowed in calculating the minimum payload for this vehicle. Only the vehicle with specified equipment and features within this specification shall be utilized in the calculation.

Sevier County will only accept the curb weight of the completed vehicle as built according to this specification, subtracted from the total available weight carrying capacity of the vehicle, which will provide the total available payload.

Provide the values listed below for the chassis, module and equipment as specified in this bid:
Chassis Type:_____
Front Axle _____ Rear Axle _____
Total _____ Payload _____

9. <u>Single Source Supplier</u> - To avoid divided responsibility, it is required that the body builder assume responsibility as the prime contractor. The prime contractor shall insure that all components used are compatible and suitable for the intended service.

10. <u>Bidder's Response</u> - All bidders should insert a check mark (✓) at the **COMPLY: YES ___ NO ___** space at the numbered specification paragraphs. If the bidder is not going to furnish the item **EXACTLY** as is described in this specification, he must indicate a NO (___) even though he may feel he is bidding an item that equals or exceeds the requirements of this specification. For each "EXCEPTION" taken, the bidder must include a detailed technical description of what he will furnish as well as a full explanation of why his "EXCEPTION" equals or exceeds the item in the specifications. **All "EXCEPTIONS" shall be listed by specification item number and noted on a separate sheet. All exceptions shall be clarified to provide Sevier County with the proposed alternative and expected outcome of each exception. All exceptions will be detailed in explanation to clearly indicate what the bidder is offering.**

TWO(2)COMPLETE BID PACKAGES SHOULD BE SUBMITTED TO ALLOW SEVIER COUNTY AMBULANCE SERVICE AND COUNTY PURCHASING TO BOTH HAVE COPIES.

11. Bidder's Responsibility - Each bidder is required before submitting its bid to be thoroughly familiar with the specifications contained herein. No additional allowances will be made because of lack of knowledge of these conditions. It is the responsibility of the bidder to ascertain if any part of these specifications is unsafe or does not meet the requirements of any federal law, state law, or federal specification KKK-A-1822F. If the bidder feels there are any elements of the specification which are unsafe or do not comply with state or federal law or the requirements of KKK-A-1822F, it should be explained thoroughly in the bid response.

The successful bidder shall agree to provide all parts for warranty repairs to these vehicles locally or by overnight express delivery. The intent of this requirement is to assure that all necessary parts are available without delay and prevent vehicle down time.

12. Testing and Evaluation - Sevier County reserves the right to test and/or evaluate equipment for quality and compliance with the specification. Upon request, a demonstration ambulance shall be made available for examination and evaluation. If a demonstration ambulance is not made available for examination, within 10 calendar days of request, or if the demonstration ambulance fails to meet the basic requirements of this specification (paint colors and equipment variations being excepted), the bid is subject to rejection.

13. References - The bidder should furnish as references a minimum of ten (10) current owners of this type of ambulance. Reference list should include the department name, address, phone number, current department contact, and date of delivery. Bids will be accepted only from manufacturers who have a proven history of the capability to manufacturer this type of ambulance. Bids will be accepted only from manufacturers under the same ownership that have been actively and continuously engaged in manufacture of this type of ambulance for not less than **seven (7) years**. It is not the intent of these specifications to call for an experimental vehicle, nor is it the intent of this department to accept such a vehicle. (No Prototypes Will Be Considered.)

14. Questionnaire - A questionnaire has been provided that details manufacturer's capabilities, specific components, and materials that will be used in the vehicle. Bidders should furnish all information requested in the space provided.

15. Part Numbers - The successful contractor shall supply the original manufacturer part cross - over numbers for parts that are not manufactured by the equipment manufacturer at the time of acceptance. A complete apparatus parts list or materials build list shall be provided.

16. Preventive Maintenance - The successful contractor shall furnish a copy of the manufacturer's preventive maintenance schedule at the time of delivery.

17. Labels and Nameplates - All nameplates and instruction plates shall be metal or plastic with the information engraved, stamped or etched thereon. If metal, they shall be of a non-corrosive material. Plastic plates shall not be used in exposed positions where they are subject to weathering. Nameplates shall show make, model, serial numbers, and other such data necessary to positively identify the item. All plates shall be mounted in a conspicuous place with stainless steel screws, bolts or rivets.

18. Insurance - The successful bidder should provide with their bid proof of product liability and general liability insurance in the minimum amount of $10,000,000.00 with this bid document. Sevier County should be shown as an additional insured on all certificates provided prior to award. The Insurance Company must have an A.M. Best Rating of A-6 or higher, and authorized to do business in Tennessee.

19. Late Delivery Penalty - It is expected that the vehicle be manufactured and delivered within 90 working days of the issuing of a Purchase Order from Sevier County. Any delivery dates stated by the manufacturer shall not be defined as "After Receipt of Chassis". Sevier County Government reserves the right to terminate the construction contract after the 90 working day period if vehicle/vehicles have not been delivered. Alternately, Sevier County will penalize the contractor five hundred dollars ($500.00) per day, per ordered vehicle, each day that delivery of ordered vehicle/vehicles is beyond the 90 working day term.

H. REFERENCES

PROVIDE TEN (10) CURRENT OWNERS OF THIS DESIGN OF AMBULANCE

1
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

2
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

3
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

4
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

5
Name _____

Address _____

_____

Phone _____

Contact Name _____

6
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

7
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

9
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

Vehicle In Service Date _____

8
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

10
Name _____

Address _____

_____

Phone _____

Contact Name _____

Vehicle In Service Date _____

I. QUALIFIED VEHICLE MODIFIER

As additional evidence of the bidder's ability to meet an Original Equipment Manufacturer's minimum manufacturing qualifications; the manufacturer should be approved by as a "QVM" (Qualified Vehicle Modifier). A copy of their certificate should be included with the bid.

J. TRANSFER OF CONTRACT AND LOCATION OF MANUFACTURER

To assure ambulance quality and prompt response by the manufacturer on warranty claims and repair requests, the successful bidder may not assign, sell, or otherwise transfer any portion of this contract without written permission from Sevier County. Bidder shall state the Company name and exact location where all manufacturing will be performed.

_____

_____

K. State of Tennessee Motor Vehicle Manufacturing License
Bidder to furnish certificate (**NO Exceptions)**

L. PRE - CONSTRUCTION CONFERENCE

A pre-construction conference shall be held with the awarded manufacturer. The pre-conference will allow Sevier County's representatives and the awarded manufacturer's representatives to discuss this specification and the proposal document in detail for the purpose of the manufacturer developing an in house shop order for fabrication of this apparatus. This pre-build conference may occur over the phone including electronic media or at the Sevier County Ambulance Service facility if the EMS representatives deem it necessary. The conference will include the awarded manufactures sales representative and additional staff that may be required. The time spent on the conference shall be of a duration that will allow for complete review of these specifications and understanding of the construction requirements. Sevier County will review documentation supplied by the manufacturer prior to and during construction, however; this specification, the manufacturer's proposal, and any clarification documents will be used during final inspections for each apparatus and shall prevail as the official requirement for apparatus construction and performance. The manufacturer shall provide detailed and scaled engineering drawings of the apparatus to include all major features for approval by Sevier County prior to construction.

M. PROJECT SCHEDULING AND COMPLETION

It is critical that this project be started as soon as possible following award to the successful bidder. Sevier County needs to place the vehicle in service at the earliest possible date. It is expected that the vehicle be manufactured and delivered within 90 working days of the issuing of the Purchase Order from Sevier County. Any delivery dates stated by the manufacturer shall not be defined as "After Receipt of Chassis". Sevier County Government reserves the right to terminate the construction contract after the 90 working day period. Alternately, Sevier County will penalize the contractor five hundred dollars ($500.00) per day, per ordered vehicle, each day that delivery of ordered vehicle/vehicles is beyond the 90 working day term.

State Number of Days until the units will be delivered from receipt of Purchase Order: _____

The successful bidder will be required to provide proof of chassis purchase including sales order and chassis option codes within one (1) week of the bid award. Documentation will be returned to Sevier County.

Sevier County expects that all vehicles will be ready for shipment at the same time and it is expected that all will be delivered at the same time.

N. SILENCE OF SPECIFICATIONS

The apparent silence of this specification and any supplemental specifications as to any details or the omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best commercial practices are to prevail. Only materials of first quality and correct type, size and design are to be used. All workmanship is to be first quality.
All interpretation of this specification shall be made upon the basis of this statement with County interpretation to prevail.

O. VEHICLE INSPECTIONS

Sevier County shall have the right to inspect the ambulance at all times during its construction and has approval or disapproval of engineering, design, and workmanship shall be binding upon the contractor. In addition, the Director of Sevier County Emergency Medical Services shall have the right to personally or designate any representative to inspect the equipment.

It is intended that a pre-delivery inspection be conducted when any vehicle has completed all construction and quality control inspections and is ready for delivery. **Sevier County will inspect all vehicles, individually, prior to leaving the primary manufacturing facility and prior to delivery of finished vehicle to Sevier County Ambulance Service.** The complete cost (air, lodging, meals) for up to 3 representatives per trip utilizing commercial air carrier/rental car shall be included in the bid price. ***(No exceptions)***

During various stages of manufacturing, it is expected when requested that the manufacturer provide Sevier County with digital video and/or e-mail digital photos to demonstrate the progress of construction. This type of communication may also be required should it become necessary to make clarifications during the construction process. Digital video and/or digital pictures of the entire completed vehicle is to be provided to Sevier County prior to traveling to the manufacturer's facility for the pre-delivery inspection.

Final inspection of the vehicles will be a complete visual inspection of the unit in accordance with this specification. The vehicle shall be complete with all of the manufacturers inspections completed upon arrival of Sevier County Representatives. All loose equipment, manuals and schematics will be required as present with the vehicle prior to the initiation of the inspection.

P. DELIVERY REQUIREMENTS

Delivery of the completed vehicles is to be to Sevier County Ambulance Service, 718 Middle Creek Road, Sevierville, Tennessee, and is to be over the road driven by the manufacturer or dealer's personnel. The manufacturer's electrical engineer is to assist during acceptance testing and shall provide a minimum of one (1) full day of training for maintenance personnel on preventive maintenance procedures, providing detailed explanation of vehicle electrical system, and wiring schematics.

Prior to delivery, the manufacturer or dealer shall service and adjust each vehicle for operational use to include as a minimum the following. Documentation to confirm pre-delivery inspection shall be provided prior to acceptance.

1. Focusing of lights.
2. Tuning of engine.
3. Adjustment of accessories.
4. Checking of electrical, braking, and suspension system.
5. Charging of battery.
6. Proper alignment of front and rear axles.
7. Inflation of tires to recommended pressures.
8. Balancing of all wheels and tire truing, including spares, if needed.
9. Complete lubrication of engine, transmission, chassis and operating mechanisms.

10. Servicing of cooling system with engine manufacturers Extended Life Coolant for minus -30 degrees Fahrenheit protection.

Ambulances shall be delivered in a ready to place in service condition with Sevier County needing to only load and mount the loose equipment.

Q. ACCEPTANCE, TESTING AND INSPECTION

Sevier County reserves the right to test equipment as deemed necessary to verify quality, performance and compliance with the specifications. All performance testing shall be successfully completed without the vehicle demonstrating any signs of overheating, vibrations, or other abnormal conditions.

Documents to be delivered prior to acceptance:

1. Exact as built wiring diagram for the body 12 volt DC system, two (2) sets per vehicle in 11” x 17” formats and three (3) total sets in large blue print size formats. The orientation of the drawings shall match the layout of the components and assemblies as mounted in the vehicle to provide ease of trouble-shooting and tracing wiring.
2. Chassis warranty documents and owners manuals
3. Body structural, general, and paint warranty statements
4. Cross - over part number listing
5. Ambulance owner / operators manuals, two (2) sets per vehicle
6. Technical shop type service manuals for mechanics, two (2) sets total for this specification.
7. Documentation of front and rear axle alignment
8. Completed vehicle weight distribution statement
9. Electrical load analysis report
10. Quality control inspection report
11. Any other specified manuals or documentation required in this specification

R. PAYMENT

As the bidder has several months to obtain any equipment or other materials that are required as a part of this specification, no shortages are expected at time of vehicle delivery. Any item or items that must be considered as a shortage shall be justified prior to delivery. Sevier County reserves the right to withhold payment until all shortages are delivered.

Any discrepancies that were noted during inspection visits or discovered upon delivery or during acceptance testing must be satisfactorily corrected, including any noted chassis defects, prior to final acceptance. In the event the company representatives must stay overnight for correction of any issues lodging and up to one meal will be the responsibility of the ambulance manufacturer.

All units operated or towed on public highways requiring tags will not be accepted until the Manufacturer’s Statement of Origin and any other necessary tag and title documentation and vehicle is received and accepted by the Sevier County Tag Office. The Mileage Odometer Statement mileage must match exactly the mileage indicated on the MSO. The mileage recorded on the delivery package is to reflect the actual odometer reading at time of delivery.

Upon request, supplier shall provide a sample of the application for title and odometer mileage statement assigned as specified.
Payment shall be net on delivery and acceptance of new ambulances

S. WARRANTY REQUIREMENTS

1. The chassis basic vehicle warranty shall be included. All warranties shall be covered at 100% parts and labor. Copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

2. The diesel engine and engine operating computers (ECM) shall be warranted for a minimum of five (5) years, 100,000 miles. All warranties shall be covered at 100% parts and labor. The coverage shall be provided through either standard or included optional warranty programs. A copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

3. The Transmission should be warranted for five (5) years. All warranties should not be pro-rated and will be calculated at 100%. Copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

4. The Chassis electrical system should be covered as a part of the basic vehicle warranty. The specific warranty including parts should be included with this bid.
COMPLY: YES _____ NO _____

5. Where a chassis or body component manufacturer provides an independent warranty which exceeds the standard chassis or body warranty period, the provision of this warranty shall not be allowed to diminish the normal longer warranty period that may be provided by any component manufacturer. Copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

6. The successful bidder shall warranty the structural integrity of the modular body for a minimum of fifteen 15 years from the date the vehicle is placed into front line service in Sevier County. Warranty shall be renewed and extended if unit is remounted by the original manufacturer, A notarized statement to this effect shall be included with the bid. All warranties should not be pro-rated and will be calculated at 100%. Copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

7. The vehicle exterior paint finish to include decals and stripping shall be warranted against blistering, peeling, bubbling, lack of adhesion, corrosion, rust, or any other manufacturing or material defects for a period of seven (7) years, unlimited mileage. All warranties should not be pro-rated and will be calculated at 100%. The coverage shall be 100% for materials and labor during this specified warranty period. Copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

8. The warranty period for the ambulance manufacturer’s workmanship and materials including all electrical components and wiring shall be for not less than two (2) years, unlimited mileage and unlimited engine operating hours. It is understood that light bulbs will be excluded from this warranty. Copy of warranty should be submitted with bid.
COMPLY: YES _____ NO _____

9. The manufacturer's representative shall address all requests for warranty repairs within forty-eight (48) hours of notification by Sevier County. Copies of warranties should be submitted with bid.
COMPLY: YES _____ NO _____

10. Manufacturer shall provide factory repairs for major structural damage caused if the vehicle is in an accident. Under no circumstance shall the manufacture use a sub-contractor or repair center for repairs.
COMPLY: YES _____ NO _____

11. The body manufacturer shall ship any parts that may be required to complete repairs to keep vehicle down time to a minimum.
COMPLY: YES _____ NO _____

12. All warranties shall begin at the time the vehicle is placed in front line service by Sevier County. Copies of warranties should be submitted with bid.
COMPLY: YES _____ NO _____

13. The provisions of this warranty shall serve as an attachment to the Original Equipment Manufacturer's warranty.
COMPLY: YES _____ NO _____

14. Additional warranty or logistical services that the bidder might provide above and beyond the requirements of this specification may be listed below.

_____

_____

_____

_____

15. Signature of company official authorized to issue and certify the above listed warranty requirements. Authorized Dealer signature is not acceptable.

_____
Signature Date

_____
Print Name Title

SECTION 1 CHASSIS SPECIFICATIONS TYPE I DUAL WHEEL

1.0 The chassis shall be a new Chevrolet/GMC 3500 with 2-door cab.
COMPLY: Type I: YES _____ NO _____ Type III: YES _____ NO _____

1.1 Must have Ambulance Prep Package YF2. NO EXCEPTIONS
COMPLY: Type I: YES _____ NO _____ Type III: YES _____ NO _____

1.2 Chevrolet/GMC preferred equipment group 1LT:
COMPLY: Type I: YES _____ NO _____ Type III: YES _____ NO _____

1.3 CAB: 2-door conventional
COMPLY: Type I: YES _____ NO _____ Type III: YES _____ NO _____

1.4 GVWR TOTAL: 13,200 lbs Type I.
COMPLY: YES _____ NO _____

1.5 WHEELBASE: 162” for Type I
COMPLY: YES _____ NO _____

1.6 CAB TO AXLE: 84.3” for Type I
COMPLY: YES _____ NO _____

1.7 FRONT LICENSE PLATE BRACKET:
COMPLY: YES _____ NO _____

1.8 FRONT BUMPER: Heavy-duty chrome plated steel.
COMPLY: YES _____ NO _____

1.9 FRONT AXLE: 4,600 pound min. rating
COMPLY: Yes_____ NO _____

1.10 REAR AXLE: 7,800 pound min. rating
COMPLY: YES _____ NO _____

1.11 AXLE GEAR RATIO: 3.73
COMPLY: YES _____ NO _____

1.12 SHOCKS: Heavy duty gas – front and rear
COMPLY: YES _____ NO _____

1.13 STEERING: Full Power Steering
COMPLY: YES _____ NO _____

1.14 STEERING WHEEL: Tilt with Factory Cruise Control
COMPLY: YES _____ NO _____

1.15 BRAKES: Power 4-wheel ABS disc
COMPLY: YES _____ NO _____

1.16 PARKING BRAKE: Cable actuated variable ratio.
COMPLY: YES _____ NO _____

1.17 ENGINE: Chevrolet/GMC turbo diesel.
COMPLY: YES _____ NO _____

1.18 EXHAUST: Horizontal muffler / exhaust
COMPLY: YES _____ NO _____

1.19 TRANSMISSION: Allison six speed automatic transmission in Type I
COMPLY: YES _____ NO _____

1.20 DRIVE SHAFT: Heavy duty tubular
COMPLY: YES _____ NO _____

1.21 FUEL TANK: 37 gallon total capacity min.
Bidder offers: _____

1.22 ELECTRICAL SYSTEM: 12 volt, negative ground.
COMPLY: YES _____ NO _____

1.23 ALTERNATOR: Dual 150 Amp
COMPLY: YES _____ NO _____

1.24 REMOTE KEYLESS ENTRY GROUP:
COMPLY: YES _____ NO _____

1.25 AM/FM Stereo w/ MP3 Compatible CD player, Clock
COMPLY: YES _____ NO _____

1.26 DAYTIME RUNNING LAMPS
COMPLY: YES _____ NO _____

1.27 FACTORY RECESSED FOG LAMPS IN BUMPER
Comply: YES:_____ NO:_____

1.28 CIGAR LIGHTER: Dash Mounted
COMPLY: YES _____ NO _____

1.29 BATTERIES: Dual OEM 750 CCA (converter to mount in exterior compartment
COMPLY: YES _____ NO _____

1.30 HORNS: Dual electric
COMPLY: YES _____ NO _____

1.31 CAB GLASS: Tinted solar safety glass – all windows
COMPLY: YES _____ NO _____

1.32 MIRRORS: Factory installed electric/heated mirrors if compliant with vision requirements.
COMPLY: YES _____ NO _____

1.33 GAUGES: Tachometer; speedometer; odometer; coolant temperature; oil pressure; fuel level; automatic transmission temperature, voltmeter, amp meter, and indicator lights.
COMPLY: YES _____ NO _____

1.34 WIPERS: Electric wipers and washers, Intermittent wiper switch
COMPLY: YES _____ NO _____

1.35 PAINT COLOR: Manufacturer standard oxford white – Code Z1
COMPLY: YES _____ NO _____

1.36 ENVIRONMENTAL: Cab air conditioning, Heavy duty heater, Windshield defroster
COMPLY: YES _____ NO _____

1.37 CAB SEATING: High Back Cloth Captain Chairs with moveable arm rest(Grey), 6 way power movement to seating.
COMPLY: YES _____ NO _____

1.38 CAB TRIM / COLOR: Gray Premium Interior Grade, with rubber matting on floor.
COMPLY: YES _____ NO _____

1.39 CAB Floor Mats: Provide (Chevrolet/GMC) factory brand rubber floor mats that match in color the rubber matting on floor.
COMPLY: YES _____ NO _____

1.40 CAB INSULATION: Optional premium sound deadening / silencer package. Maximum available Cab Insulation, Hood Insulation, and Fire Wall insulation to provide lowest cab noise levels.
COMPLY: YES _____ NO _____

1.41 GRAB RAILS: Interior over passenger cab door
COMPLY: YES _____ NO _____

1.42 MICHELIN TIRES: Michelin LT 17" standard size for Type I chassis Throughout chassis & spare.
COMPLY: YES _____ NO _____

1.43 COOLANT HOSES: Premium grade nomax heater and engine coolant hoses with constant torque clamps
COMPLY: YES _____ NO _____

1.44 ENGINE BLOCK HEATER:
COMPLY: YES _____ NO _____

SECTION 2 CHASSIS MODIFICATIONS

2.0 The body builder shall be responsible for making any necessary chassis modifications that may be required prior to mounting the body.
COMPLY: YES _____ NO _____

2.1 Modifications may include items such as the relocation of the exhaust system piping, air reservoirs, cab entrance steps, and etc.
COMPLY: YES _____ NO _____

2.2 A detailed list of parts and part numbers along with engineering and wiring diagrams shall be provided for all modifications.
COMPLY: YES _____ NO _____

2.3 The completed vehicle shall sit level, right to left and front to back when fully loaded and in service.
COMPLY: YES _____ NO _____

2.4 A custom map book storage rack and enclosure shall be constructed and mounted between the two front seats. The storage rack shall be designed to hold loose leaf binders and boxes for the distribution of gloves. There shall also

be 2 large cup holders and a small area for the placement of cell phones and accessories. All corners and edges shall be rounded to eliminate sharp edges. Switch panel console mounted to cab console consistent with Sevier Co drawings. Also see section 2.16

COMPLY: YES _____ NO _____

2.5 A "DIESEL FUEL ONLY" label shall be installed at the fuel fill.

COMPLY: YES _____ NO _____

2.6 Provide and install a Transportation Safety Technologies (TST) amp gauge. The complete installation shall be in compliance with TST installation guidelines. The Hall Effect Sensor shall be mounted at the battery bank to measure the amount and direction of current flow. All wire and cable connections shall be high quality and sealed to prevent corrosion.

COMPLY: YES _____ NO _____

2.7 Install stainless steel wheel simulators on all four wheels.

COMPLY: YES _____ NO _____

2.8 The front tires shall have a set of diamond plate mud flaps mounted behind the front chassis wheels, which are a part of the diamond plate running boards.

COMPLY: YES _____ NO _____

2.9 The rear tires shall have a set of black rubber mud flaps mounted behind the rear chassis wheels.

COMPLY: YES _____ NO _____

2.10 Chassis provided sway bars.

COMPLY: YES _____ NO _____

2.11 Diamond plate running boards with recessed grip strut inserts under each of the chassis cab doors.

COMPLY: YES _____ NO _____

2.12 The exhaust pipe shall be extended as necessary and be provided with a turn down to prevent exhaust smoke from staining the body paint.

COMPLY: YES _____ NO _____

2.13 The cab shall be modified and reinforced as necessary to allow installation of rocker switches and gauges as specified and one (1) recess mounted electronic siren. The manufacturer shall provide blue prints of the panel layout that will be approved by Sevier County prior to construction.

COMPLY: YES _____ NO _____

2.14 The chassis frame shall not be spliced, shortened or altered.

COMPLY: YES _____ NO _____

2.15 The rear pass-thru shall be modified for the installation of the largest possible pass through window between the cab and the ambulance module.

COMPLY: YES _____ NO _____

2.16 Two Jumbo size cup holders shall be installed in the cab console.

COMPLY: YES _____ NO _____

2.17 Heat shields shall be installed where necessary to prevent the potential for heat damage.

COMPLY: YES _____ NO _____

2.18 The body builder shall install two (2) rear tow hooks. The tow hooks shall be integrated into cast recessed housing on the module rear. The bumper sub-structure shall be designed to provide the entire bumper to raise when below mounted skid plates contact the ground that prevent the bumper from dragging due to low departure angles.
COMPLY: YES _____ NO _____

2.19 Switches, gauges, indicator lights and other features that may be installed by the ambulance manufacturer shall closely mirror existing Sevier County vehicles. The manufacturer shall provide blue prints of these layouts that will be approved by Sevier County prior to construction.
COMPLY: YES _____ NO _____

2.20 An Optronics Blue – Eye #KB-2003 hand held 200,000 candlepower spotlight shall be provided in the cab of the ambulance. The spotlight shall be equipped with a momentary switch, which will automatically turn the light off when the operator lets go of it, thereby eliminating the possibility of laying the spotlight on something while it is on and causing damage. It shall be permanently wired to the ambulance and mounted as determined prior to construction.
COMPLY: YES _____ NO _____

SECTION 3 DESIGN

3.0 The ambulance and allied equipment furnished under this specification shall be the manufacturer's current commercial vehicle of the Type, Class, and Configuration specified. The ambulance shall be complete with the operating accessories, as specified herein, and furnished with such modifications and attachments as may be necessary to enable the vehicle to function reliably and efficiently in sustained operation. The design of the vehicle and the specified equipment shall permit accessibility for servicing, replacement and adjustment of component parts and accessories with minimum disturbance to other components and systems. The term "heavy duty", as used to describe an item, shall mean in excess of the standard quantity, quality or capacity and represents the best, most durable, strongest, etc., part, component, system, etc., that is commercially available on the OEM chassis.
COMPLY: YES _____ NO _____

3.1 The ambulance interior configuration should be as shown in the attached figures with approved dimension changes to accommodate the differences in module length. The attached figures are based on a 150” long X 96” wide X 72” high module.
COMPLY: YES _____ NO _____

3.2 The ambulance shall be configured for Advanced Life Support (ALS) applications, with one primary patient on a wheeled elevating cot and a secondary patient lying on a folding stretcher or combination stretcher chair on the squad bench, or, one primary patient and three secondary seated patients on the squad bench and one seated EMT / Paramedic.
COMPLY: YES _____ NO _____

3.3 The retention system for the ambulance stretcher shall be Stryker Performance Load. All stretcher retention system components shall be purchased separately by Sevier County. The floor plate and charge wiring will be shipped to ambulance builder for installation per manufacturer recommendations. Sevier County will indicate location for floor plate installation. This bid should only reflect installation cost of the floor plate and charging wire assembly.
COMPLY: YES _____ NO _____

SECTION 4 OPERATION AND PERFORMANCE

4.0 The exterior noise level of the ambulance, except siren, shall not exceed federal, state or municipal regulations.
COMPLY: YES _____ NO _____

4.1 The ambulance shall provide a smooth, stable ride with minimum noise and vibration when tested per the following paragraphs and carrying a minimum payload of 1,750 pounds.
COMPLY: YES _____ NO _____

4.2 The vehicle overall length should not exceed 24’
COMPLY: YES _____ NO _____

4.3 Overall body width should not exceed 96 inches, excluding lights and mirrors.
COMPLY: YES _____ NO _____

4.4 Overall height of the ambulance at curb weight should not exceed 113” (9ft. 5in.) inches including roof mounted equipment but excluding two-way radio antenna(s) and satellite receiver antenna(s).
COMPLY: YES _____ NO _____

4.5 The lowest part of the ambulance, when loaded to gross vehicle weight rating, shall have a minimum of six (6) inches ground clearance.
COMPLY: YES _____ NO _____

4.6 The ambulance, loaded to the GVWR (including payload) with bumpers and rear step down, shall provide a proper angle of departure.
COMPLY: YES _____ NO _____

4.7 The finished floor (loading) heights should not exceed 33.0 inches with the vehicle at curb weight plus full payload.
COMPLY: YES _____ NO _____

4.8 Ambulance shall be capable of carrying a minimum payload of 1900 pounds without exceeding the gross vehicle weight rating of the chassis or the allowable weight ratings of the front or rear axles.
COMPLY: YES _____ NO _____

4.9 In order to prevent overloading of any axles, the suspension system, tires, or brakes; and assure the ambulance will drive properly under emergency conditions and maintain the safety of patients and paramedic; the gross weight ratings of the axles and the ambulance shall remain as provided by the chassis manufacturer and as stated on the decal on the driver's door pillar. The ambulance manufacturer or any other party shall not alter these ratings.
COMPLY: YES _____ NO _____

4.10 With the ambulance at curb weight and on a level surface, the load on the left and right front wheels shall be within 5% when calculated in accordance with paragraph 3.5.4 and 4.4.3.1 of the KKK-A-1822F federal specification.
COMPLY: YES _____ NO _____

4.11 The ambulance manufacturer shall locate the center of gravity of the ambulance / ambulance body to determine and assure the purchaser that the center of gravity of the completed ambulance does not exceed the maximum limits set by the chassis manufacturer.
COMPLY: YES _____ NO _____

4.12 Clearance shall be maintained at the rear wheels to permit off road operation with the ambulance loaded to maximum payload.
COMPLY: YES _____ NO _____

4.13 Clearance shall be maintained at the rear wheels to permit the installation of tire chains for winter driving conditions. Each rear wheel well area shall have a polished diamond plate sheet installed to protect the area from fuel stains & rock chips, over each diamond plate scuff plate a polished cast fenderette shall be installed
COMPLY: YES _____ NO _____

SECTION 5 ELECTRICAL SYSTEM

5.0 The body electrical specification is written around the use of manual switching, relays, circuit breakers and connecting wiring. A multiplex wiring system is not acceptable. Any electrical system that may require computer programming or interface by the body builder for system set up or diagnostics is also not acceptable.
COMPLY: YES _____ NO _____

5.1 The ambulance electrical system shall be equipped with, but not limited to, the following: two (2) identical 12 volt batteries; starting, lighting, visual, and audible warning systems; specified equipment and devices (including control consoles located in the driver and patient compartments); and other specified accessory wiring.
COMPLY: YES _____ NO _____

5.2 The electrical systems and equipment shall comply with all applicable FMVSS, Federal Motor Carrier Safety Regulations (FMCSR), and shall also conform to all applicable SAE recommended standards and practices, whether or not specifically referenced in this document while complying with the sub-paragraphs herein.
COMPLY: YES _____ NO _____

5.3 All electrical components shall be selected to minimize electrical loads, thereby not exceeding the generating system capacity of the ambulance.
COMPLY: YES _____ NO _____

5.4 Illuminated rocker style switches should be used to control electrical loads and shall include permanently engraved back lighted function legends. Backlighting shall be controlled by the headlight switch. The module disconnect switch shall be a white paddle style switch with a red “on” indicator in the tip. The exact layout of switches, switch colors and their functions shall be determined prior to construction. The design and layout shall mirror existing Sevier County vehicles. Switch controls shall be located on the chassis dash or

center floor console. **The manufacturer shall provide blue prints of the switch panel layout that will be approved by Sevier County prior to construction.**
COMPLY: YES _____ NO _____

5.5 Backlighting for these switches and indicators shall be on when the headlight switch is "on". All applicable switches shall have an internal pilot light to indicate when the switch is on. There shall be two blank switch positions for future use (minimum).
COMPLY: YES _____ NO _____

5.6 All standard 12-volt electrical components (circuit breakers, solid state electronics, relays, solenoids, alternating flasher, etc.) shall be located in the Power Control Center (PCC), The Power Control Center should be enclosed inside a dedicated compartment to provide easy access for servicing and protection of the electrical controls.
COMPLY: YES _____ NO _____

5.7 All electrical equipment and devices installed, which produce radio frequency interference, shall include filters, suppressors and/or shielding to prevent electromagnetic radiation and the resultant interference to radios and other electronic equipment.
COMPLY: YES _____ NO _____

5.8 There will be direct channel/tubular access from the modular rear electrical compartment into the front chassis cab for radio component wiring.
COMPLY: YES _____ NO _____

5.9 The switch panel shall include "door open" warning lights and a battery indicator light. The "door open" warning lights shall be red flashing lights, and shall be operational whenever the Battery Disconnect Switch and the ignition switch are on. One shall be labeled "DOOR OPEN" and flash when an entry door is open. The other shall be labeled "COMPARTMENT DOOR OPEN" and shall flash whenever a compartment door is open. Truck - Lite brand LED #35080R red lamp kits with back-lighted labels shall be provided for these warning lights. These lights may be relocated to the dash panel for better visibility if space permits. The exact mounting location shall be determined prior to construction.
COMPLY: YES _____ NO _____

5.10 The Battery "ON" indicator light shall be a 24-volt green light.
COMPLY: YES _____ NO _____

5.11 All switching installed by body builder shall be low amperage negative switching to activate or deactivate relays.
COMPLY: YES _____ NO _____

5.12 The ambulance body and accessory electrical equipment shall be served by circuits separate and distinct from vehicle chassis circuits. All wiring provided by the ambulance manufacturer shall be copper; conform to SAE J1292 requirements; and have SXL or GXL high temperature, cross-linked polyethylene insulation, or better, conforming to SAE J1127 and J1128.
COMPLY: YES _____ NO _____

5.13 The ambulance body and accessory electrical equipment shall be served by separate wiring harnesses as necessary to supply specific locations on the vehicle. Examples are as follows:
Master Control Panel harness
Attendant Control Panel harness
Chassis harness
Power Control Center power harness
Patient area left front harness
Patient area right front harness
Patient area main harness
Patient area left rear harness
Patient area right rear harness
Each harness shall be clearly identified at each end.
COMPLY: YES _____ NO _____

5.14 Barrier style terminal strips shall be provided for termination of the wiring harnesses at service point locations through out the vehicle. Such as, under-hood; at the front of the patient compartment; and at the rear of the patient compartment.
COMPLY: YES _____ NO _____

5.15 The terminal strips shall be provided with nuts/screws and lock washers to secure each wire. Each terminal on each terminal strip shall be clearly labeled, showing the function of each terminal.
COMPLY: YES _____ NO _____

5.16 All wiring harnesses installed by the ambulance manufacturer shall be color coded and have wire function permanently stamped in the wire every four (4) inches for easy identification, through out the ambulance.
COMPLY: YES _____ NO _____

5.17 The manufacturer must be able to quickly and accurately reproduce and provide replacement wiring harnesses if so requested to service these vehicles. All harnesses are to be professionally built and of the highest available quality.
COMPLY: YES _____ NO _____

5.18 All wiring harnesses installed by the ambulance manufacturer shall be totally encased in protective thermoplastic looms rated for 300 F service.
COMPLY: YES _____ NO _____

5.19 All wiring installed by the ambulance manufacturer shall be located in accessible, enclosed, protected locations. Wiring shall not be within six (6) inches of any exhaust system components or located in any wheel well.
COMPLY: YES _____ NO _____

5.20 No wires shall pass through the oxygen compartment.
COMPLY: YES _____ NO _____

5.21 All looms and wiring installed by the ambulance manufacturer shall be secured to the body or frame with insulated metal cable straps every twelve (12) inches where possible. Stick on tie strap holders are not acceptable for securing wiring or any other components in the ambulance body construction.
COMPLY: YES _____ NO _____

5.22 All apertures on the ambulance through which wires pass shall be properly grommitted for passing wiring and conform to SAE 1292.
COMPLY: YES _____ NO _____

5.23 The use of "Scotch-Lok" type connectors is not acceptable.
COMPLY: YES _____ NO _____

5.24 No splices shall be allowed in wiring harnesses. All wire runs shall be full lengths unless terminated at fully accessible terminal strips.
COMPLY: YES _____ NO _____

5.25 All solenoids, relays, circuit breakers, and terminals in the power control center (interior front bulk head compartment) & shall be permanently labeled for function.
COMPLY: YES _____ NO _____

5.26 All wiring, devices, switches, outlets, etc., except circuit breakers, shall be rated to carry at least 125 percent of the maximum ampere load for which the circuit is protected.
COMPLY: YES _____ NO _____

5.27 All wiring installed by the ambulance manufacturer shall be protected by circuit breakers as required by the KKK-A-1822F specification, paragraph 3.7.2.1.
COMPLY: YES _____ NO _____

5.28 All terminals should be crimped to the wires by automatic crimping machines.
COMPLY: YES _____ NO _____

5.29 To minimize the potential for wiring shorts and voltage drops, all wiring terminals shall be tin plated, annealed, ETP copper with nylon high temperature insulation. The terminals shall be a closed brazed multi-grooved wire barrel with a funnel wire insulation grip. This is to insure uniform compression of the conductor wire and to provide a strain relief for the conductor.
COMPLY: YES _____ NO _____

5.30 All cables larger than 10 AWG shall have terminals, which are machine crimped and hot soldered. Hand crimping of terminals is not acceptable. "Solder dipping" of terminals is not acceptable due to the high possibility of getting "cold" solder joints and poor electrical connections.
COMPLY: YES _____ NO _____

5.31 A minimum six inches service loop of wire off the harness shall be provided at all lights, motors and other similar terminal equipment that may need servicing.
COMPLY: YES _____ NO _____

5.32 All 12-volt circuit breakers shall be auto reset type and comply with SAE J553.
COMPLY: YES _____ NO _____

5.33 The main wiring harness for warning lights and the patient compartment should be installed in a wiring race within the patient compartment headliner. This race should extend the full length of the patient compartment. To prevent head injuries, this race should be flush in the headliner and not extend below the surface of the headliner. It should be covered with a foam padded, vinyl cover of no more than 1/2" thickness. This cover should be easily removable, but should be smooth and free of sharp surfaces or extending screws, which could cause injury.
COMPLY: YES _____ NO _____

5.34 Deleted

5.35 Deleted

5.36 The auto throttle, when activated, will automatically increase the engine speed to the lowest speed at which the charging system can sustain 13.8 to 14.2 volts under the following conditions: headlights on, windshield wipers on low speed, cab air conditioner and patient compartment air conditioner on at maximum blower speed and coldest settings, patient compartment dome lights on high, emergency warning lights on (primary mode), and 25 ampere medical and miscellaneous electrical loads.
COMPLY: YES _____ NO _____

5.37 The automatic high idle speed control shall be designed so that it will be activated should the electrical load exceed the alternator output and is causing the batteries to be discharged. The auto throttle control box will be mounted in an approved location.
COMPLY: YES _____ NO _____

5.38 The automatic high idle speed control shall be designed with safety interlocks so that it can be activated only when the transmission is in Park or Neutral and the parking brake is applied. It shall automatically disengage when the transmission is placed into gear or the parking brake is released or the service brake pedal is depressed. It shall automatically re-engage when the transmission is returned to neutral and the parking brake is applied and the service brake pedal is released.
COMPLY: YES _____ NO _____

5.39 Federal little lite map light is to be mounted on center roof passenger side of cab and operated by on/off switch located in center console. (Confirm placement with Sevier Co personnel prior to mounting)
COMPLY: YES _____ NO _____

5.40 The successful bidder shall provide an itemized print out of the total amperage draw of the entire vehicle DC electrical system including the chassis. Print out shall provide data for “responding” and “on scene” modes.
COMPLY: YES _____ NO _____

5.41 The patient compartment shall be furnished with three (3) 12 volt DC, 20 ampere DC, separately protected circuits. One in action area, one in bottom section **(left upper corner)**of the ALS cabinet and one in the top section of the ALS cabinet **(left upper corner)** (both are lighter type outlets). All circuits shall also include a low voltage drop "Schottky" diode to isolate the batteries of any medical equipment connected to the outlets from any electrical loads that the remainder of the ambulance electrical system may impose. The "Schottky" diode shall be heat sink mounted; have an inverse voltage rating of at least 45 volts; and be rated to carry the short circuit current until the circuit breaker opens. The circuits shall provide 12-volt DC power when the battery master switch is ON. In addition, the circuits shall be provided with 12 volt DC power from the Iota charger / converter anytime the 115 volt shoreline is connected to the vehicle. The manufacturer should calculate all these loads with the information provided to insure their correct operation and if necessary re-distribute the electrical loads to provide adequate power to all systems and allow power in a residual manner for future use. Circuits will operate off the IOTA Converter when the shoreline is active and off the Chassis when in operation.
COMPLY: YES _____ NO _____

5.42 The ambulance shall be furnished with two (2) two-wire plus a ground, 115 volt AC, wiring systems that is separate and distinct from the vehicle's 12-volt DC system. The wiring and systems shall comply with Ambulance Manufacturing Division (AMD) Standard 009.
COMPLY: YES _____ NO _____

5.43 The patient compartment shall be furnished with six (6), 2-wire plus ground, duplex 115-volt AC receptacles. Receptacles shall be a near flush mounted, with one located near the Attendant's Control Panel, one at the top/rear **(left upper corner)** of ALS cabinet, one at the bottom/rear **(left upper corner)** of the ALS cabinet, one at the foot end of the stretcher, one located on the vertical wall over the squad bench and the other to be located on the passenger side of center cab console (to facilitate equipment plug in). Outlets shall be at least 12 inches from any oxygen outlet. Outlets will be hospital grade with internal indicator lights, which are illuminated, whenever the outlets have power applied. The outlets shall be labeled, "115-VOLT AC". Outlets shall operate when the shoreline is connected or when the vehicle is running and the inverter is switched on. This system should operate off the primary shoreline system.
COMPLY: YES _____ NO _____

5.44 A Tripe Lite 1000-Watt Inverter shall be provided and mounted in exterior compartment #1. The unit shall receive 115-volt AC input power from the chassis battery system. The Inverter shall be wired to provide an automatic lockout feature through the vehicles ignition circuit to prevent the inverter from operating unless the engine is running. The charger shall be set to operate at the high output level.
COMPLY: YES _____ NO _____

5.45 The 115-volt AC wiring systems shall incorporate a ground fault interrupter (GFI) and 20-ampere circuit breakers, which can be used as a master, disconnect switch for the systems. The systems should use braided 12 gage "type SO" flexible cable rated at 600 volts and 194 degrees F, covered with a fire retardant loom rated for 300 degrees F. The GFI circuit breaker boxes should be located in the exterior electrical compartment in a fully accessible location. GFI box, shoreline connections and wiring should be permanently labeled with the function. COMPLY: YES _____ NO _____

5.46 One (1) 115-volt AC Kussmaul auto eject male plug rated at 20 amperes with a spring loaded cover assembly, suitable for wet locations, shall be located on the module exterior near compartment #1 door. A permanent label shall be placed near the connector as follows: "115 VOLT AC SHORELINE". A 48 inch pigtail shall be supplied for connection to truck and 110VAC plug.
COMPLY: YES _____ NO _____

5.47 An Iota battery charger / converter, DLS30 will be provided and mounted in electrical compartment. The Iota battery charger / converter should receive 115 volt AC input power from the 20 amp rated receptacle that is powered by the 20 amp shoreline connection. Converter shall be wired to operate interior patient compartment lights.
COMPLY: YES _____ NO _____

5.48 The Shoreline connection should have a distinct auto eject plug system with cover & be labeled.
COMPLY: YES _____ NO _____

5.49 All switches, indicators and control devices provided by the ambulance manufacturer shall be clearly visible to ambulance personnel. They shall be perceptively and permanently identified. The controls shall be grouped according to function.
COMPLY: YES _____ NO _____

5.50 All electrical equipment installed by the ambulance manufacturer (alternators, air conditioning, warning light systems, siren, medical equipment, etc.) shall be electromagnetic radiant suppressed, filtered, or shielded to prevent interference to radios and telemetry equipment aboard the ambulance and surrounding area and shall not exceed the limits set forth in SAE J551. Certification by manufacturers of the equipment is acceptable.
COMPLY: YES _____ NO _____

5.51 There shall be three (3) 12 volt DC threaded insulated terminal studs installed in the interior electrical compartment for connection of radios and accessories. One (1) 12 volt positive (+) constant power, one (1) 12 volt positive (+) switched on with vehicle ignition switch. Also provide one (1) threaded insulated terminal stud (-) negative grounding. The terminals shall be properly labeled for function and a protective cover installed to prevent the possibility of shorting from loose equipment. Wiring to terminal studs or terminal blocks shall be a minimum of 4 gauge.
COMPLY: YES _____ NO _____

5.52 One TST #030-0753 paddle style rocker switch with red indicator light rated at 20 amps shall be mounted in the console and derive its power from the constant hot buss operating the module disconnect switch as defined in 5.51. This switch shall be labeled “master”.
COMPLY: YES _____ NO _____

5.53 Exterior switch in chassis grill or underneath driver running board to un-lock power locks on chassis cab & a disable switch in cab console to de-activate chassis power door locks.
COMPLY: YES _____ NO _____

5.54 A Federal Signal dual channel camera system is to be installed with one outside rear module box mounted back up camera head (part number for camera heads CAMCCD-REARNTSC) and one camera head mounted to the top rear patient compartment interior wall (cot side) between the rear wall cabinet (leaving plenty of clearance for cabinet handle operation) and the area above the exhaust vent. Camera head to be rear wall mounted and just below the ceiling panel. The camera shall be positioned or be side/height adjustable to view patient care actions including a view of both patient/attendant. The camera monitor is to be Federal Signal rear view mirror (part number CAMLCD-INT-MIR) with capability of switching between the rear view camera, the patient compartment camera and camera off positions. The monitor/mirror will replace the OEM rear view mirror and should be set to activate and continuously show the rear view camera (with back up gridlines) when the vehicle gear selector is in reverse.
COMPLY: YES _____ NO _____

SECTION 6 AMBULANCE WARNING & EXTERIOR LIGHTING

6.0 The basic exterior ambulance lighting shall comply with Federal Motor Vehicle Safety Standard No. 108.
COMPLY: YES _____ NO _____

6.1 The left and right side rear combination marker light / turn signal shall be a led Truck – Lite light or Equal #44092R red STT kit with #94706 adapter plug and #40700 black grommet mount.
COMPLY: YES _____ NO _____

6.2 All module marker lights shall be a led Truck – Lite brand model #35, item #35080R red lamp kits and #35080Y amber lamp kits, body marker and clearance lights. Truck – Lite #35720 armored mounting brackets and #97038 mounting gaskets and #97035 sealing gaskets shall also be provided.
COMPLY: YES _____ NO _____

6.3 The stop / taillights shall be Whelen light #600 series LED with #600 chrome flange. Two shall be located at the lower of module body, one each side & one shall be located over the rear doors, per drawings
COMPLY: YES _____ NO _____

6.4 The rear turn signals lights shall be Whelen amber #600 series LED with #600 chrome flanges.
COMPLY: YES _____ NO _____

6.5 The back up lights shall be Whelen clear #600 series LED part with #600 chrome flange.
COMPLY: YES _____ NO _____

6.6 The Ambulance shall be equipped with Whelen AFM 1660 Ambulance Flasher with LED Power for (27) twenty-seven lights. The lighting system is intended to meet or exceed the performance and flash pattern of the proposed KKK-1822F specification. The system shall be wired to provide both Primary Mode "Clear the Right-of-Way" and Secondary Mode "Hazard, Vehicle Stopped in Right-of-Way" modes of operation. Light Heads shall be wired as to provide a Basic KKK package.
COMPLY: YES _____ NO _____

6.7 Twelve (12) Whelen #900 red (red lens) LED light heads with #900 chrome flange shall be mounted on the exterior of the module. Two (2) lights shall be mounted on the rear of the module at upper outer corners, two (2) at the forward and rear on each side, Six (6) on the module front per drawings. Four (4) #900

clear LED on the module front per drawings. Two 600 red LED lights with #600 Flanges on module rear above rear tail lights, One 900 amber LED on upper center rear over doors. The flash pattern for 900 series lights on rear top of module shall be dual red then amber and will alternate this pattern. All lights shall be mounted just below the roofline of the module, except for the two on the rear over tail lights and the three above the cab chassis on front box, per drawings.
COMPLY: YES _____ NO _____

6.8 One (1) Whelen #900 amber (amber lens) LED light head with #900 chrome flange shall be mounted on the rear center of the module above the rear and between the two rear red LED light heads. Please see flash pattern listed above.
COMPLY: YES _____ NO _____

6.9 Two (2) Whelen M7 series red/white (red/white lens) model M7D LED light heads with cast polished aluminum housing shall be mounted on the chassis fenders. The flashing pattern for these lights shall alternate between red and white.
COMPLY: YES _____ NO _____

6.10 Four (4) Whelen M7 series red/white (red/white lens) model M7D LED light heads shall be mounted level in the front chassis grill. **Please utilize lock nuts to secure light heads level in place.** The flashing pattern for these lights shall alternate between red and white.
COMPLY: YES _____ NO _____

6.11 All Whelen Engineering Company lighting components shall be installed per the manufacturer's guidelines.
COMPLY: YES _____ NO _____

6.12 The KKK-1822 warning light system shall have two modes of operation - a Primary mode (in which all lights are flashing) and a Secondary mode (in which only mandatory lights flash)
COMPLY: YES _____ NO _____

6.13 When the primary / secondary switch is in the secondary mode, the front module clear LED lights, headlight flasher, grille LED lights and intersection LED lights will not flash. A single two-position rocker switch shall control the two modes and be provided with integral red primary and amber secondary indicator lights on the Master Control Panel.
COMPLY: YES _____ NO _____

6.14 Deleted

6.15 The emergency lighting system shall be comprised of components and devices that comply with the general requirements and tests of SAE J575G, J576D, J578 and J551, as applicable. The warning lights shall be firmly fastened to the modular body and reinforced chassis fenders and mounted so they project light horizontally. All switches, connectors and wiring shall be rated to carry at least 125% of the maximum ampere load imposed upon them in the ambulance. Duty cycle for each light shall not exceed 50%.
COMPLY: YES _____ NO _____

6.16 Six (6) Whelen #900 LED scene lights #90COENZR with internal 26 degree optics and #900 chrome flange shall be provided, Two (2) each side and Two (2) on rear above the patient loading doors.
COMPLY: YES _____ NO _____

6.17 Left, right and rear scene lights shall be controlled by separate rocker switches on the switch panel. The rearward scene light on the left and right side shall activate when the vehicle is placed into the reverse gear.
COMPLY: YES _____ NO _____

6.18 Rear loading lights shall be controlled by an individual rocker switch, and shall be automatically activated when the rear and/or side doors are opened or the transmission is put into reverse.
COMPLY: YES _____ NO _____

6.19 A license plate mounting bracket and lamp shall be mounted on the rear of vehicle.
COMPLY: YES _____ NO _____

6.20 Body clearance and marker lights shall be activated by chassis headlamp switch. A relay shall be used to prevent premature burnout of chassis switch due to overload.
COMPLY: YES _____ NO _____

SECTION 7 AMBULANCE INTERIOR LIGHTING

7.0 The ambulance interior lighting shall include: a driver's compartment dome and dual map lights; instrument panel lights; Master Control Panel lights; Attendant's Control Panel lights; LED 12VDC light located on the action wall (See section 7.6); and patient compartment dome lights. Lighting shall be designed so that no glare is reflected into the driver's eyes or line of vision.
COMPLY: YES _____ NO _____

7.1 The patient compartment shall be illuminated by nine (9) whelen 80COEHCR LED ambulance interior lights 8 inch round, five over cot side & four over squad bench side.
COMPLY: YES _____ NO _____

7.2 The 8” round lights shall be installed near flush in the patient compartment headliner, and located to provide good light intensity across the primary and secondary patients without causing high intensity spots or shadows. The number of lights required will be determined by the light performance identified in KKK-1822D paragraph 3.8.5.1.
COMPLY: YES _____ NO _____

7.3 8” round lights over the primary patient, squad bench and center wire through shall be controlled separately. The lights shall be controlled by high and low power switches on the Attendant's Control Panel. Dome lights shall automatically light when the patient compartment side entry doors or rear entry doors are opened. The left side dome lights shall also be capable of being switched on from the cab mounted switch panel.
COMPLY: YES _____ NO _____

7.4 Automatic step well **LED** lights shall be provided at curbside door.
COMPLY: YES _____ NO _____

7.5 Check timer over squad bench, wired to two LED lights on each side of patient compartment.
COMPLY: YES _____ NO _____

7.6 One (1) minimum 12” LED strip light is to be mounted on the center rear bottom of the shelf in top ALS cabinet section. This light utilized to illuminate the top of a heart monitor during night time operations. This light to have switch in action area panel labeled “ALS Light”.
COMPLY: YES _____ NO _____

7.7 All exterior compartments shall be illuminated with recessed LED lights. In exterior compartments where an adjustable shelve is present a recessed light should be positioned above and below the midline of the shelve adjustment.
Comply: YES _____ NO _____

SECTION 8 BUMPERS, STEPS, AND TRIM

8.0 A rear step/bumper approximately 96" wide by 10" deep shall be provided. Step/bumper shall be capable of supporting a 500 pound load without flexing.
COMPLY: YES _____ NO _____

8.1 The rear bumper and step assembly shall be a single unit constructed of 4” steel “C” structural channel and .100 inch thick polished aluminum diamond plate. The steel shall be painted to prevent rusting prior to the aluminum diamond plate covers being installed. There shall be “I” beam constructed skid plates and have cast recessed tow-eyes. The bumper shall have large dock bumpers with chrome flanges on each side rear to contact a loading dock or other structures prior to the bumper.
COMPLY: YES _____ NO _____

8.2 The center step of the bumper assembly shall be designed to allow it to flip up out of the way for easier loading of the patient. This step shall be of open grate material to meet the requirements of KKK-A-1822F. The hinge provided for this step shall be stainless steel piano hinge with a center pin diameter of at least .250 inch. This bumper assembly shall be bolted to the chassis frame.
COMPLY: YES _____ NO _____

8.3 To minimize the possibility of modular body damage in the event of a rear collision, the rear bumper/step shall be separated from the modular body by 1"; shall not be attached to the modular body in any way; shall be attached only to the chassis frame. Each side shall have a large rubber dock bumper with a cast trim ring around each dock bumper.
COMPLY: YES _____ NO _____

8.4 The bumper shall be mounted and designed to provide maximum departure angle clearance and the entire rear bumper made to lift upward when attached lower skid tubes impact the ground to eliminate damage to the bumper from dragging. (Photos can be provided of current Sevier Co bumper design)
COMPLY: YES _____ NO _____

8.5 Above the bumper assembly and below the rear doors, there shall be full length riser of aluminum diamond plate for a protective kick panel. The kick panel shall be securely fastened and run the full rear width of the module.
COMPLY: YES _____ NO _____

8.6 The modular body shall be provided with heavy gauge polished aluminum fenders and diamond plate over each wheel well.
COMPLY: YES _____ NO _____

8.7 Mud/stone guards shall be provided at each corner of the modular body. The guards shall be constructed of bright diamond plate aluminum and be at least 12 3/4" high and .080" thick.
COMPLY: YES _____ NO _____

8.8 Rub rails shall be provided on each side of the modular body for the full length of the body. The rub rails should be heavy-duty tubular style and should extend past the widest point of the body.
COMPLY: YES _____ NO _____

SECTION 9 EMERGENCY MEDICAL TECHNICIAN SEATING

9.0 The EMT seat shall be a grey EVS high back chair with child seat, The seat shall have four (4) inches of travel adjustment, and be at least 18 inches deep, 18 inches wide, and 18 inches high, measured from the floor to the top of the seat cushion. The seat shall have foam padding with at least 3.0 inches foam thickness. The back and headrest shall have foam padding with at least 2.0 inches foam thickness. The seat shall be mounted on a storage cabinet that is mounted as far toward the forward wall as possible with ample room between head of stretcher and front of seat. The restraint system should be three point lap and shoulder belt if possible and set to have the female buckle to the interior side and the retracting male buckle positioned on the wall side.
COMPLY: YES _____ NO _____

9.1 The seat, safety belt and anchorages shall be tested and comply with Federal Motor Vehicle Safety Standards 207, 208, 209 and 210.
COMPLY: YES _____ NO _____

SECTION 10 PATIENT COMPARTMENT INTERIOR DIMENSIONAL PARAMETERS

10.0 The ambulance module shall be 150” long X 96” wide X 72” interior ceiling height.
COMPLY: YES _____ NO _____

10.1 The patient compartment design and equipment shall comply with the following specifications and shall be one color gray formica & grey vacuum formed upholstery.
COMPLY: YES _____ NO _____

10.2 The attached drawings reflect Sevier County’s current modular vehicle drawing layout with a 150” long X 96” wide exterior and X 72” height interior module. Each bidder shall provide to Sevier County a complete set of drawings matching the specifications.
COMPLY: YES _____ NO _____

10.3 The left wall cabinets shall be as shown in the attached drawing. Stainless Steel sheeting on the lower left wall cabinet base & the face of the squad bench.
COMPLY: YES _____ NO _____

10.4 The right wall shall be as shown in the attached drawing.
COMPLY: YES _____ NO _____

10.5 The bulkhead shall be as shown in the attached drawing.
COMPLY: YES _____ NO _____

10.6 The floor plan shall be as shown in the attached drawings.
COMPLY: YES _____ NO _____

10.7 There shall be at approximately 46 inches of clear space between the base of the squad bench and the left wall.
COMPLY: YES _____ NO _____

10.8 The retention system for the ambulance stretcher shall be Stryker Performance Load. All stretcher retention system components shall be purchased separately by Sevier County. The floor plate and charge wiring will be shipped to ambulance builder for installation per manufacturer recommendations. Sevier County will indicate location for floor plate installation. This bid should only reflect installation cost of the floor plate and charging wire assembly.
COMPLY: YES _____ NO _____

SECTION 11 AMBULANCE BODY STRUCTURE

11.0 It is the intention of these specifications to require the modular body to be all aluminum and fully welded. Screws, bolts, rivets or other fasteners shall not be used for the attachment of any structural member or panel.
COMPLY: YES _____ NO _____

11.1 All exterior body panels shall be .125 inches thick 5052-H34 marine grade aluminum sheet for superior strength, weld-ability and corrosion resistance.
COMPLY: YES _____ NO _____

11.2 The exterior body panels shall be one piece for each side and the roof of the modular body.
COMPLY: YES _____ NO _____

11.3 The exterior body panels shall be welded to the roof and wall beams, and also bonded to the beams with a 3m VHB two sided tape.
COMPLY: YES _____ NO _____

11.4 Body frame members shall have alloy and temper strengths of 6063-T6 and tubular aluminum material, minimum of 2" X 2" and 2” x 3” X .125" thick, and mounted on 12” centers. All beams shall be welded on four sides of all joints. The exterior side of the frame that the aluminum exterior skin is applied to will be ground smooth. All critical structural points shall be reinforced with gussets. Heavier gauge and larger dimension structural members shall be used where necessary to provide a safe and durable ambulance construction. The front And rear wall frames will have 6” x .225” structural flat sheet welded between the frame members at the locations where the light bars and door hold opens are attached to the exterior sheet.
COMPLY: YES _____ NO _____

11.5 The roof substructure assembly shall consist of four (4) perimeter roof rail extrusions, lateral roof bows and interconnecting corner caps. The roof rail extrusion shall be specifically designed for an emergency response vehicle.
COMPLY: YES _____ NO _____

11.6 The corner caps shall be designed to interlock with the roof perimeter, vertical corner extrusions, and roof sheet. The corner caps shall be cast aluminum made from matched metal dies to insure a smooth and pleasing appearance. The corner caps shall act as a stress relief device designed to minimize damage to adjoining structural extrusions in the event of extreme torsional stress resulting from a collision.

COMPLY: YES _____ NO _____

11.7 The corners of the modular body shall be constructed of extruded aluminum shapes specifically designed for applications with emergency response vehicles. 90 degree corner extrusions are not acceptable.
COMPLY: YES _____ NO _____

11.8 Metal tapping plates shall be welded to the body or framing to secure the installation of equipment such as; cabinets, benches, partitions, cylinders, cot holders'(s), etc. Self-tapping (wood/metal) screws or nails shall not be used in the attachment of these components in the ambulance body.
COMPLY: YES _____ NO _____

11.9 The body, and panel joints shall be watertight and all openings between the chassis and occupant compartment shall be sealed.
COMPLY: YES _____ NO _____

11.10 In addition to the drip rail found in the roof extrusion, there shall be a polished aluminum drip rail over each exterior compartment door. These drip rails shall be attached with a 3M VHB tape, to allow easy replacement.
COMPLY: YES _____ NO _____

11.11 Roof frame shall be constructed of a 2” x 2” and 1” x 2” x .125” structural tubing, the 2” x 2” tubing shall run side to side on 12” centers, 1” x 2” shall run from front to back, forming a grid structure and allowing center wire harnesses to be routed without cutting the frame members.
COMPLY: YES _____ NO _____

11.12 Welds shall be made only by welders who have been certified by an independent testing and certifying agency.
COMPLY: YES _____ NO _____

11.13 The ambulance body shall be designed and built to provide impact and patient compartment penetration resistance and shall be of sufficient strength to support the entire weight of the fully loaded vehicle on its top or side, if overturned, without separation of joints or permanently deforming roof beams or reinforcements, walls or wall beams, doors, floor, inner linings, outer panels, and other reinforcements. As evidence that the ambulance body meets the above criteria, the ambulance body shall be tested per AMD Standard 001, "Static Load Test For Ambulance Body Structure" and shall satisfy the requirements of this test. The static load test shall be performed on both the roof as required by AMD Standard 001 and also on the exterior side wall of the unit, to demonstrate the side walls will support the complete unit in the event it is turned over on it’s side. In addition, all exterior exit doors shall be capable of opening during full application of 2.5 times the curb weight to the roof and after release of this load.
COMPLY: YES _____ NO _____

11.14 As proof that the ambulance body meets the above criteria, the bidder shall furnish along with his bid certification from a bonded independent testing laboratory that the body being bid meets the requirements of AMD Standard 001, "Static Load Test For Ambulance Body structure."
COMPLY: YES _____ NO _____

SECTION 12 EXTERIOR STORAGE

12.0 The ambulance module shall include six (6) exterior compartments, per the following measurements:

Compartment #1: 40″ High x 43.75″ wide x 19″ deep. One adjustable shelve on aluminum uni-strut track is installed within this compartment. Adjustable shelve to be positioned with 23″ of clearance on the lower level after turtle tile floor installation. A recessed LED light above and below the centerline..

Compartment #2: 60″ high x 26″ wide x 19″ deep, storage with one middle divider and two adjustable shelves on aluminum uni-strut track. Oxygen system is on the right side of this compartment.

Compartment #3: 72″ high x 16″ wide x 19″ deep, spine board compartment. Adjustable straps to be attached on each side wall with clip style buckles.

Compartment #4: 27″ high x 24.5″ wide x 20.75″ deep, storage with one adjustable shelve on aluminum uni-strut track. Recessed LED lighting above and below centerline. Access to this compartment must also be available from underneath the rear squad bench section.

Compartment #5: 57″ high x 18.5″ wide, inside/outside storage with one adjustable shelve on aluminum uni-strut track on top portion above pull out drawer.

Compartment #6: 13″ high x 18.5″ wide x 19″ deep, slide out battery storage.

Curbside Exterior Door: 72″ high x 30.75 width (per drawings)
Comply: YES _____ NO _____

12.1 Diamond plate over each rear wheel well area.
COMPLY: YES _____ NO_____

12.2 Exterior compartment dimensions and locations are listed above and as shown in the attached drawings.
COMPLY: YES _____ NO _____

12.3 Exterior compartment floors are to have sweep out floor design and covered with black turtle tiles floor matting.
COMPLY: YES _____ NO _____

12.4 Exterior compartments having shelves shall all have black turtle tiles placed on the shelves.
COMPLY: YES _____ NO _____

12.5 The interior of all exterior compartments shall be constructed of .125 aluminum diamond plate. All interior seams shall be full length welded and completely watertight. The compartment floors shall be reinforced with 2″ X 2″ X .125 aluminum tubing on an average of 16″ centers to provide a minimum floor weight rating capacity of 250 pounds.
COMPLY: YES _____ NO _____

12.6 All exterior compartments shall be vented with pressed louvered vents above the floor line to prevent entrance of dust or water spray from the exterior.
COMPLY: YES _____ NO _____

12.7 All exterior compartment doors & lower section of entry doors shall be covered with a .125” clear coated aluminum door panel. At the bottom of the panel on all exterior opening doors will be a high visibility chevron covering the entire width of the door and will be a minimum of 16 inches in height. LED lighting for all exterior compartments.
COMPLY: YES _____ NO _____

12.8 All exterior compartments shall have a recessed mounted LED clear light to illuminate the compartment. On compartments where an adjustable dividing shelf is provided a recessed light should be above and below the centerline of compartment.
Comply: YES _____ NO _____

SECTION 13 DOORS

13.0 All patient compartment entry doors and exterior compartment doors shall be of all aluminum, fully welded construction. Each door should be surrounded by a fully welded wide extrusion with an integral box beam to provide strength and rigidity to each door, or built from a heavy-duty formed box pan construction.
COMPLY: YES _____ NO _____

13.1 Gussets shall be welded in the corners of all doors to provide superior strength and durability.
COMPLY: YES _____ NO _____

13.2 All door panels shall be .125" thick marine grade 5052-H32 aluminum material.
COMPLY: YES _____ NO _____

13.3 Door frames shall be welded in place, and sealed to make them water tight and free of rattles. Interior door panels shall be removable and be constructed of flat aluminum panels that have a swirled finish with a clear coat top coat over finish panels. The interior surface of the patient compartment doors (rear and curbside) shall be finished in a safe and attractive manner that harmonizes with the interior appointments. The door panels shall be designed to allow removal without disturbing the door latching hardware.
COMPLY: YES _____ NO _____

13.4 Eberhard latches per each door shall secure all patient entry and all exterior compartment doors. Each latch shall engage an adjustable (Nader) latching pin installed in the door opening, threaded through to a steel nut on the back of the door opening extrusion. Rods running from latch to release points are to be attached with drilled through and cotter pins at a minimum (no rod clips). All nader pins shall be adjustable.
COMPLY: YES _____ NO _____

13.5 The patient compartment side entry door shall have one fixed window. Each rear door shall have one (1) fixed window. No lower level windows are desired. All windows shall be tinted and comply with FMVSS 205 & have black window frames.
COMPLY: YES _____ NO _____

13.6 Rear entry doors shall provide a clear opening, excluding head bumper, of approximately 57.25" width and 56" height. Extra head impact padding should be placed under interior cabinet at rear door.
COMPLY: YES _____ NO _____

13.7 Side entry door shall provide a clear opening, excluding head bumper, of approximately 30.75" width and 72" in height.
COMPLY: YES _____ NO _____

13.8 Each door shall have an effective compression seal to prevent leakage of exhaust fumes, dust, water and air into the patient compartment.
COMPLY: YES _____ NO _____

13.9 All module exterior opening doors will have a high visibility chevron running the entire width of the door and be a minimum of 16 inches in height.
COMPLY: YES _____ NO _____

13.10 Head cushions shall be provided at the upper interior areas of all door frames to prevent injury to patients or crew.
COMPLY: YES _____ NO _____

13.11 The curb side wall shall have a 18” high x 36” wide window over the squad bench, per drawings.
COMPLY: YES _____ NO _____

13.12 All module exterior doors shall have full length, slotted, piano type stainless steel hinges with a 1/4 inch diameter stainless steel pin, bolted to each door and the modular body every four (4) inches with stainless steel bolts. Self tapping or sheet metal screws are not acceptable.
COMPLY: YES _____ NO _____

13.13 All exterior module doors shall be equipped with Eberhard locking latches. Any interior paddle handles shall have no-slip material inside the handle to prevent slippage of wet fingers when opening the door. The locking system shall be actuated by metal push rods with drilled through attachments such as cotter pins (no clips). Locks on all vehicles shall be keyed to key code to match existing Sevier County vehicles.
COMPLY: YES _____ NO _____

13.14 Cleveland style spring loaded door holders and closers shall be provided on all doors except the rear patient loading doors. **The door holder attachment bolts should have thread locker applied to not allow the bolts to retract**. Any door that design will not allow use of the Cleveland door holder shall be provided with a nylon webbed seat belt type material that prevents excessive door swing.
COMPLY: YES _____ NO _____

13.15 Door latches, hinges and hardware shall comply with Federal Motor Vehicle safety Standard 206.
COMPLY: YES _____ NO _____

13.16 All entry doors, latches and hardware shall be tested to ensure installation meets or exceeds the requirements of AMD Standard 002 – Body and Door Retention Components Tests. Bidder shall submit with his bid certification from a bonded independent testing laboratory that the entry doors, latches and hardware have been tested and comply with this standard.
COMPLY: YES _____ NO _____

13.17 To facilitate entry and exit from the ambulance, a grab handle shall be provided on the inside of each patient compartment entry door and also adjacent to each entrance door. The grab handle should be approximately 1 1/4" inches diameter polished aluminum, with a modified closed "v" shaped configuration, to allow access across the middle of the door and downward and back to an approximate 60 degree angle. Curbside exit door handle should not interfere with the opening of the slide out drawer at end of squad bench when exit door is in the closed position.
COMPLY: YES _____ NO _____

13.18 The exterior compartment doors for the oxygen compartment shall be louvered for additional ventilation.
COMPLY: YES _____ NO _____

13.19 The rear patient doors shall have one (1) Cast Products Grabber 4 ½" door holders on each door near the edge. These holders should be mounted as far outward as possible to allow the maximum opening of the doors when opened.
COMPLY: YES _____ NO _____

13.20 All doors, compartment and entry should provide a water-tight seal that is also dust resistant without exception.
COMPLY: YES _____ NO _____

SECTION 14 BODY MOUNTING

14.0 To minimize stress on the modular body and to minimize noise and vibration, the modular body shall be mounted on a minimum of ten (10) full floating, automotive style, rubber body mounts. Mounting devices shall be locked units to minimize loosening, but which may be re-tightened if necessary and removable to allow changing of the module to a new chassis. There shall be adequate clearance between floor structure of the module and the chassis frame rails to prevent contact of the body and any chassis components during all operational and loading conditions, and after wear and normal settling of body mounts..
COMPLY: YES _____ NO _____

14.1 One (1) minimum 5/8 inch diameter grade 8 bolt shall fasten the modular body to each rubber body mount and outrigger mounting bracket.
COMPLY: YES _____ NO _____

14.2 Two (2) minimum 1/2 inch diameter grade 8 bolts shall fasten the outrigger mounting bracket for each modular body mount to the chassis frame.
COMPLY: YES _____ NO _____

14.3 The modular body shall be mountable on to a new chassis of the same or other chassis manufacturer with the same cab to axle dimension.
COMPLY: YES _____ NO _____

14.4 The mounting system shall not cause any chassis frame deformation. Any method of mounting the body, which could void the chassis warranty, is not acceptable.
COMPLY: YES _____ NO _____

SECTION 15 FLOOR

15.0 The modular body shall be provided with a 2” x 2” x .225” tubing and 2” x 4” x .225 structural channel floor frame. A .050" thick sub-floor of 5052-H32 marine grade aluminum to act as a heat shield and moisture barrier, shall be applied to the under side of the module frame. The floor design shall include an enhanced acoustical and insulating barrier, 2 x 2 high density high insulating sprayed in expandable foam. The sub-floor shall be sealed and be moisture and air tight. An additional .050” aluminum sub-floor as listed above shall be installed on top of the frame before the plywood is applied.
COMPLY: YES _____ NO _____

15.1 Floor shall be 3/4 inch thick exterior grade plywood, one piece full length and width, securely fastened to the module sub-floor and frame, and filled and sanded to provide a flat floor free of defects and ripples.
COMPLY: YES _____ NO _____

15.2 The floor covering shall be LONSEAL LONCOIN II premium grade product. A sample color chart shall be provided to allow selection of desired color. Floor vinyl shall be one piece, shall extend up the face of the lower left wall and under the edge of the side cabinets & up the face of the squad bench cabinet, per drawings. The remaining face of both walls will have polished stainless steel plates consistent with current Sevier Co ambulances. This installation method eliminates the visible floor trim that can collect contaminants and allow body fluids to seep behind trim pieces. A polished extruded aluminum threshold shall be provided at the rear loading doors. The threshold shall be completely sealed with pliable silicone to eliminate trapping of contaminants.
COMPLY: YES _____ NO _____

15.3 Wheel-housings in the module shall be provided for the dual rear wheels with clearance for tire chains, as specified by SAE Standard J683A. Wheel-housings shall be aluminum, welded in place and sealed to be watertight.
COMPLY: YES _____ NO _____

15.4 Wheel-housings shall be full radius, and shall be undercoated to protect the wheel-housings and to minimize noise.
COMPLY: YES _____ NO _____

15.5 Cove molding should be provided on the bottom of all cabinets to eliminate the possibility of flooring cracking at the cabinet/floor intersection. The exact radius will be determined by the manufacturer, however; the manufacturer is expected to have the flooring tucked into the cove molding completely to detour the flooring cracking without exception.
COMPLY: YES _____ NO _____

SECTION 16 INSULATION

16.0 The entire modular ambulance body; sides, ends, roof, doors and floor; shall be insulated to enhance the environmental criteria specified in paragraphs 3.4.2 and 3.13 of Federal Specification KKK-A-1822F.
COMPLY: YES _____ NO _____

16.1 The "second stage" manufacturer shall supply an insulating material that is non-flammable with a Class A, Class 1 fire rating. It shall be certified to meet the smoke and flammability requirements of FMVSS 302. Upon request, certification from the insulation manufacturer that the insulation material meets these requirements shall be furnished.
COMPLY: YES _____ NO _____

16.2 The insulating material used shall be of a non-settling type as required by paragraph 3.10.16 of Federal Specification KKK-A-1822F. It shall be resistant to fungi and bacterial growth. To eliminate health hazards associated with airborne fibers a composite material such as fiberglass shall not be used.
COMPLY: YES _____ NO _____

16.3 The insulation material used shall be installed so as to create an unbroken thermal, acoustical and vapor barrier throughout the walls, ceiling and floor. All exterior doors, compartments or access shall be similarly insulated. Insulation is to be non-flammable, aluminum polyethylene composite with 5/16 inch airspace and highly reflective foil on sides. This barrier shall have a minimum insulation R-value of 14. A digital picture of this application may be required prior to the installation of any cabinets. The picture shall include all 4 exterior walls ceiling and floor.
COMPLY: YES _____ NO _____

16.4 In addition 2 inch thick of full depth spray in expandable foam insulation shall also be provided in walls, roof and floor.
COMPLY: YES _____ NO _____

16.5 All under body hollow corner extrusions shall be sealed with expansion foam.
COMPLY: YES _____ NO _____

SECTION 17 INTERIOR

17.0 The interior shall be free of all sharp projections. All hangers or supports for equipment and devices shall be mounted as flush as possible with the surrounding surface. Color coordinated vinyl covered padding shall be placed at all head area obstructions which could prove dangerous to persons in the patient compartment or the cab. Exposed edges shall be broken with a radius on exposed corners.
COMPLY: YES _____ NO _____

17.1 Color to be gray Formica. No two-tone. Exact color to be selected after bid award. The finish of the entire patient compartment, including interiors of storage cabinets, and cabinet fronts shall be: impervious to soap and water; disinfectants; mildew; fire resistant; comply with FMVSS 302; and be easily cleaned and disinfected (carpet, cloth and fabrics are not acceptable).
COMPLY: YES _____ NO _____

17.2 The lower sidewalls of the street side cabinets and the curbside squad bench floor covering shall be rolled up the faces 3”, per drawings.
COMPLY: YES _____ NO _____

17.3 The interior patient compartment headliner (ceiling) should be constructed of fiberglass with no visible seams or an approved equivalent durable design. The headliner shall contain the main wiring harness service race, IV holders,

overhead grab rails and overhead lighting. The headliner shall be smooth and white in color.
COMPLY: YES _____ NO _____

17.4 The action wall area shall be fabricated in a manner to eliminate areas where contaminated fluids can collect. The bottom area of both action areas shall have no joints, sharp corners, fasteners or crevices to provide a highly durable, easily cleaned area.
COMPLY: YES _____ NO _____

17.5 Upholstery in the patient compartment shall be grey. Cushions shall be fabricated in a manner to eliminate exposed welting and seams, thus eliminating areas where contaminated fluids can collect. Cushions with welting or beaded seams will not be accepted due to increased risk of body fluid penetration. All foam used in seating surfaces shall be approximately 3" thick and very high density material that is designed for high usage. Vacuum formed material.
COMPLY: YES _____ NO _____

17.6 One (1) overhead grab rail, extending from 6" in front of cabinet over rear doors to the front of attendant seat , located within four inches of the ceiling as noted in drawing. Grab rail shall be constructed of 1 ¼" inch diameter polished aluminum, supported by four stanchions, and capable of supporting a 300 pound test load in any direction without loosening when tested in accordance with AMD Standard 008 (Ambulance Patient Compartment Grab rail Load Test).
COMPLY: YES _____ NO _____

SECTION 18 STORAGE CABINET DESIGN

18.0 The storage cabinets shall be easily opened but shall not come open in transit. For rapid identification of contents, the medical supply cabinets shall have clear Lexan doors at least 3/16" inch thick. The grade of Lexan specified will be of high quality shatter proof material. All medical supply cabinets shall have sliding doors with full perimeter track and extrusion trim, **please contact Sevier County representative to discuss cabinet door handle options.**
COMPLY: YES _____ NO _____

18.1 All cabinets shall have restocking style top or side hinged doorframes. The hinge shall allow the entire face of the compartment to swing upward or outward for full access into the compartment. The compartment face shall have gas hold open devices to keep the compartment open as well as a holding device to keep it closed unless manually opened. Per drawings
COMPLY: YES _____ NO _____

18.2 All exterior corners of the cabinets shall be capped with heavy gauge aluminum extrusions with an exterior radius or an approved equivalent design to protect the occupants from sharp corners and protect the corners from damage.
COMPLY: YES _____ NO _____

18.3 Adjustable shelves shall be provided in the cabinets as specified in the attached drawings.
COMPLY: YES _____ NO _____

18.4 The cabinets shall be constructed of at a minimum ¾” birch exterior grade plywood, a ¾” wide x 3/8” daoded slot or equivalent shall be provide for all main support and shelves to recess into and be glued, nailed and screwed in place. All interior surfaces shall be covered on all surfaces and edges with a high grade plastic laminate (interior color white).
COMPLY: YES _____ NO _____

18.5 The right front bulkhead storage compartment that has access to outside will have an opening on top where three retractable straps are utilized to secure contents, bottom opening with door and one slide out drawer. One (1) adjustable shelve with Uni-strut tracks shall be provided. Per drawings
COMPLY: YES _____ NO _____

18.6 All cabinets shall be bolted to tapping plates in the walls, floor and ceiling.
COMPLY: YES _____ NO _____

18.7 The front of the cabinets shall be covered with high-pressure grey plastic laminate.
COMPLY: YES _____ NO _____

18.8 A glove cabinet will be provided over curb side entry door capable of holding four boxes of gloves with slots in clear Lexan for glove removal. Cabinet height to be a minimum of 11”. Lexan door should latch securely but swing open for glove box replacement.
COMPLY: YES _____ NO _____

18.9 Front wall cabinets per drawings
COMPLY: YES _____ NO _____

18.10 A cabinet shall be provided above the rear doors and above the squad bench per drawings
COMPLY: YES _____ NO _____

18.11 Interior cabinets shall match attached drawings
COMPLY: YES _____ NO _____

18.12 Lower left wall and face of squad bench shall be covered in stainless steel, per drawings.
COMPLY: YES _____ NO _____

SECTION 19 SQUAD BENCH, SEATS AND BACKRESTS

19.0 The squad bench shall be constructed of exterior grade plywood or aluminum and covered with high-pressure plastic laminate. Bright edging shall be provided to protect laminate edges of bench and cover from damage and chipping.
COMPLY: YES _____ NO _____

19.1 The squad bench cover shall be made in two sections with a hold-open device to provide access under the squad bench.
COMPLY: YES _____ NO _____

19.2 Squad bench cover shall be approximately 18" to 22" wide X 76" long, and padded with at least three inches of dense foam. The top of the cover shall be 17 to 20 inches above the floor. The standard post & wheel cups shall be deleted.
COMPLY: YES _____ NO _____

19.3 A slam action paddle latch shall be used to both open and secure the squad bench cover. The interior portion of the latch shall be covered to prevent personal injury or equipment damage.
COMPLY: YES _____ NO _____

19.4 Specific dimensions and provisions of the squad bench shall be as shown in the attached drawings. Rear lid shall provide access to exterior compartment #4, per drawings
COMPLY: YES _____ NO _____

19.5 A dense padded backrest/headrest approximately 3" thick and 17" wide, shall extend the full length of the squad bench.
COMPLY: YES _____ NO _____

19.6 The squad bench cover, back rest and head pad shall be covered with heavy duty color-coordinated vinyl, and shall comply with Federal Motor Vehicle Safety Standard No. 302. All foam used shall be approximately 3”thick and designed for severe service use. The cushion should be vacuum formed type or seamless in nature, blue in color
COMPLY: YES _____ NO _____

19.7 The squad bench shall be equipped with three (3) sets of seat belts for seated occupants, and to restrain a stretcher patient when positioned on the squad bench. Seat belts shall comply with KKK and Federal Motor Vehicle Safety Standard (FMVSS) No. 209.
COMPLY: YES _____ NO _____

19.8 The squad bench seat belts and anchorages shall be tested by an independent testing laboratory to 2,500 pounds load per FMVSS 210-S5.2, and shall verify the seat belts and anchorages comply with the requirements. Bidder shall include a copy of this test with their bid.
COMPLY: YES _____ NO _____

19.9 All seatbelts on the squad bench and attendant seat shall be equipped with automatic locking retractors to provide additional safety to occupants.
COMPLY: YES _____ NO _____

19.10 A locking slide out drawer for narcotic storage shall be provide at the end of squad bench with a full height rail, from top of cabinet to ceiling, per drawings
COMPLY: YES_____ NO_____

19.11 A certified seat belt type safety net or equivalent shall be installed at end of squad bench.
COMPLY: YES _____ NO _____

SECTION 20 LITTER FASTENERS AND ANCHORAGES

20.0 The retention system for the ambulance stretcher shall be Stryker Performance Load. All stretcher retention system components shall be purchased separately by Sevier County. The floor plate and charge wiring will be shipped to ambulance builder for installation per manufacturer recommendations. Sevier County will indicate location for floor plate installation. This bid should only reflect installation cost of the floor plate and charging wire assembly.
COMPLY: YES _____ NO _____

20.1 The cot mount system shall comply with KKK-A-1822F and AMD Standard 004 (Litter Retention System test). Bidder should include a copy of the certification test on the litter retention system by an independent testing laboratory with bid.
COMPLY: YES _____ NO _____

SECTION 21 IV HOLDERS

21.0 Two (2) Cast Products #IV2008 near flush ceiling style, fold down type IV holders with Velcro strapping devices to tie and control the IV bags shall be provided. Ceiling holders shall not protrude more than one inch from the ceiling. These hangers shall be installed no nearer to the head than the waistline of the primary and secondary patients next to the sidewalls. (See placement locations on drawings)
COMPLY: YES _____ NO _____

SECTION 22 Narcotic Storage Drawer

22.0 At end of squad bench, lockable, per drawings

SECTION 23 OXYGEN, MAIN SUPPLY

23.0 The ambulance shall have a hospital type piped oxygen system capable of storing and supplying one (1) "M" cylinder of medical oxygen. The cylinder controls shall be accessible from inside the patient compartment.
COMPLY: YES _____ NO _____

23.1 Oxygen tank storage shall be as shown in the attached drawings, providing access for installing and removing the tank from outside the ambulance. The oxygen tank compartment shall be all-aluminum construction, and shall be provided with a vent system of at least nine (9) square inches ventilation area to outside the patient compartment to allow dissipation of oxygen in the event of an oxygen leak. **The compartment should have a Ziamatic QR-OTS-R oxygen retention system with electric cylinder lift of "M" cylinder.** As verification of the crashworthiness of the oxygen tank restraint system, the system shall be tested by a bonded independent testing laboratory in accordance with AMD Standard 003, "Oxygen Tank Retention System Test", and shall meet the requirements of AMD Standard 003. Bidder should include a copy of this test with the bid.
COMPLY: YES _____ NO _____

23.2 Oxygen shall be piped to two (2) self-sealing Ohio type outlets on the action wall. One (1) additional outlet shall be provided on the curbside wall at forward end of squad bench.
COMPLY: YES _____ NO _____

23.3 The oxygen lines shall be non-ferrous, electrically conductive, 1/4 inch inside diameter hose, suitable and approved for use with medical oxygen. Sufficient length **(plus 12" of slack)** of supply hose to oxygen cylinder with valve connected is required so that when cylinder is lowered out of truck for ease of changing.
COMPLY: YES _____ NO _____

23.4 The oxygen system shall be leak tested with dry air, nitrogen or oxygen at 150 PSI pressure for four hours. Pressure shall not drop more than five (5) PSI during the test. After testing, system shall be sealed and maintained clean. System shall be tagged with date and name of person performing the test.
COMPLY: YES _____ NO _____

23.5 A cylinder changing wrench shall be furnished, chained, and clipped within the oxygen cylinder compartment.
COMPLY: YES _____ NO _____

SECTION 24 SUCTION ASPIRATOR PRIMARY PATIENT

24.0 A vacuum aspirator shall be built into the ambulance. The system shall include a Thomas model suction pump Model 907-CDC-18-868, and an Ohio type self-sealing vacuum outlet mounted on the action wall with the oxygen outlets. All connections and hoses required for connections to the vacuum outlet shall be provided.
COMPLY: YES _____ NO _____

24.1 A Rico RS4X Suction Unit with disposable canister shall be provided. **The canister will not be mounted until Sevier County representatives arrive at the plant for pre-delivery inspection at which time the canister mounting location will be determined and can be installed.** Canister and mount to match current equipment utilized in Sevier Co units.
COMPLY: YES _____ NO _____

SECTION 25 PATIENT COMPARTMENT ENVIRONMENTAL EQUIPMENT

25.0 The ambulance shall be equipped with a Hose line complete climate environmental system to supply and maintain clean air conditions and specified level of inside temperature in the patient compartment. The various systems for heating, ventilating, and air conditioning systems may be separate or combination systems which shall permit independent control of the environment within each compartment. The system should be center mounted in the bulkhead of the patient compartment. The system shall contain a 12-volt ac/heat system interfaced to the chassis system.
COMPLY: YES _____ NO _____

25.1 The system shall provide a quiet, draft-free, continuous fresh air supply and good circulation in the patient compartment.
COMPLY: YES _____ NO _____

25.2 To assure good air conditioner performance and durability, a 134a receiver/dryer shall be installed integral with patient compartment air conditioner.
COMPLY: YES _____ NO _____

25.3 The patient compartment heater/air conditioner shall be provided with controls on the action wall next to the attendant's seat. The controls shall include:
1. On/off switch
2. Three-speed blower switch
3. Thermostat control, which will automatically maintain the patient compartment at the temperature selected by the attendant.
COMPLY: YES _____ NO _____

25.4 The ambulance should be equipped with heating, ventilating, and air conditioning systems that can be made to collectively operate using re-circulated air and outside ambient air and shall be capable of maintaining interior temperature of 68° - 78°F when operated between 0° - 95°F outside ambient temperature.
COMPLY: YES _____ NO _____

25.5 The ventilation systems for the driver and patient compartments should provide a complete air change within each compartment in two minutes or less with the ambulance stationary. Ventilation shall be separately controlled within each compartment.
COMPLY: YES _____ NO _____

25.7 Separate, automatic shutoff valves shall be installed in the patient compartment heater water supply and return lines. Valves shall be located in the engine compartment.
COMPLY: YES _____ NO _____

25.9 The patient compartment decibel level shall not exceed 80 db and shall be tested in accordance with AMD Standard 006, Sound Level Test.
COMPLY: YES _____ NO _____

25.10 The patient compartment should have two exhaust fans that will exhaust air to the outside. Front and rear box mounted.
COMPLY: YES _____ NO _____

25.11 All heater hose used by the body builder should be premium grade nomax. All lines and hoses shall be continuous runs without splices.
COMPLY: YES _____ NO _____

SECTION 26 ANTENNA, CABLE AND MOUNTING

26.0 Sevier County will install antenna cabling. Clear access should be available from center wiring race to enable multiple cable runs. **There will be a non-binding wire race from the center ceiling wiring area to the electrical access cabinet with a minimum of two pull strings to facilitate the running of antenna's etc. There will be a non-binding wire race from the electrical access cabinet to the front cab area behind driver seat with a minimum of three pull strings to facilitate the running of antenna's etc.**
COMPLY: YES _____ NO _____

26.1 Radio pre-wiring (see section 26.0) with proper power, ground & circuit breakers shall be provided, final location shall be determined at the pre-construction
COMPLY: YES _____ NO _____

26.2 Deleted

SECTION 27 AUDIBLE WARNING DEVICES

27.0 One (1) Whelen WS-295HFS siren should be recess mounted in the console. The siren should be wired to two (2) cast products recessed 100 watt polished siren speakers, speakers to be contained within the front bumper or behind the grill on each side of the front center. Actual siren control placement in console to be discussed with Sevier Co Ambulance personnel.
COMPLY: YES _____ NO _____

27.1 Install an Ecco #SA-907 Smart Alarm electronic back up alarm. The Smart Alarm shall provide a variable sound output level dependent upon the ambient noise level. Backup alarm is to be automatically activated when ambulance is put into reverse and will have a momentary shut-off switch on the driver's compartment switch panel.
COMPLY: YES _____ NO _____

SECTION 28 UNDERCOATING

28.0 The entire underside of the ambulance shall be rust proofed for sound deadening, corrosion, and stone damage protection. A commercial, sandless, petroleum base undercoating shall be applied to the underbody and under chassis sheet metal surfaces to a thickness 1/16 to 1/8 inches. The following areas shall be free of undercoating material: drive shaft; drain holes; lubrication points; engine and transmission oil pans; fuel tank; heavy castings; suspension components; heat shields; exhaust system, and areas within 12 inches of it. The areas not requiring coverage are: chassis frame; underside of hood; underbody parts more than 1/8 inch thickness; areas not accessible without removal of the fuel tank or other components. Undercoating shall be professionally applied. Undercoating application by hand held spray cans will not be acceptable.

Undercoating should be done after the inspection of the vehicle.
COMPLY: YES _____ NO _____

SECTION 29 COLOR, PAINT AND FINISH

29.0 The exterior of the Ambulance shall be painted white to match the selected cab. The cab and module shall be have a 10" 3m Reflective band of Omaha Orange. The band of orange shall extend 360 degrees horizontally around the vehicle.
COMPLY: YES _____ NO _____

29.1 A four inch star of life and four inch reverse ambulance shall be applied to front of hood, all decals shall be a reflective material.
COMPLY: YES _____ NO _____

29.2 The orange stripe shall be edged with 3M 1/2" black reflective pin stripe tape borders.
COMPLY: YES _____ NO _____

29.3 The paint scheme and design shall match existing Sevier County Ambulances.
COMPLY: YES _____ NO _____

29.4 The paint manufacturer and the numbers of the colors shall be stated on the Ambulance data plate in the driver's door pillar.
COMPLY: YES _____ NO _____

SECTION 30 EMBLEMS AND MARKINGS

30.0 "No Smoking, Oxygen Equipped" signs in cab and patient compartment.
COMPLY: YES _____ NO _____

30.1 "Fasten Seat Belts" signs in cab and patient compartment.
COMPLY: YES _____ NO _____

30.2 Exterior vehicle lettering layout shall match existing Sevier County ambulances.
COMPLY: YES _____ NO _____

30.3 Two (2) 17 inch "Star of Life Symbols" and 6” ambulance shall be applied on sides of Ambulance and Two 13” “Star of Life Symbols” and 6” ambulance on the rear of ambulance, Two (2) 4” “Star of Life Symbols” and 4” reverse ambulance shall be applied to the hood and 32” star of life and 10” unit ID number on roof, as directed.
COMPLY: YES _____ NO _____

30.4 Rear loading doors shall be lettered with 3 inch orange reflective #680 series, 3M Scotchlite letters with black reflective border: "SEVIER COUNTY AMBULANCE SERVICE" per drawings.
COMPLY: YES _____ NO _____

30.5 Left side of module shall be lettered with 4 inch orange reflective #680 series, 3M Scotchlite letters with black reflective border: "SEVIER COUNTY AMBULANCE SERVICE" to match current units.
COMPLY: YES _____ NO _____

30.6 Right side of module shall be lettered with 4 inch orange reflective #680 series, 3M Scotchlite letters with black reflective border: "SEVIER COUNTY AMBULANCE SERVICE" to match current units.
COMPLY: YES _____ NO _____

30.7 Front of module shall be lettered with 4 inch orange reflective #680 series, 3M Scotchlite letters with black reflective border: “SEVIER COUNTY” per drawings with 900 series light between wording.
COMPLY: YES _____ NO _____

30.8 Ambulance numbers 4 inch black reflective #680 series, 3M Scotchlite, will be placed in the following locations: Upper front left side of box, rear right side of box, lower left rear of box and lower right rear of box. Identical 2 inch numbers will be placed on upper front fender of both driver and passenger side cab. Contact Sevier County rep for final placement.

30.9 The successful bidder shall provide a sketch of the vehicle stripping and lettering layout for approval prior to construction.
COMPLY: YES _____ NO _____

30.10 An engraved plate shall be provided inside the cab in view of the driver that will indicate; Gross Vehicle Weight Rating, Overall Height, and Overall Width. A proof document shall be provided for approval prior to the plate being made. The exact mounting location shall be determined prior to construction.
COMPLY: YES _____ NO _____

30.11 A permanent type identification plate shall be mounted at an approved location to list all chassis fluid capacities and grades. A complete list of all OEM replacement filter numbers and accessory drive belts shall also be provided at this location. The data plate shall also indicate the recommended tire inflation pressures for front and rear tires. To provide a softer ride for a loaded ambulance, the data plate shall reflect the tire manufacturer's cold inflation air pressure absolutely necessary to support the load on each tire with the vehicle loaded to actual in service weights.
COMPLY: YES _____ NO _____

30.12 Right and Left front fenders should be lettered with 2 inch black reflective numbers, #680 series, 3M Scotchlite: "UNIT NUMBER" Numbers to be determined at the pre-construction meeting.
COMPLY: YES _____ NO _____

SECTION 31 MISCELLANEOUS EQUIPMENT

31.0 One Ferno #521 portable 02 holder. To be mounted at vehicle inspection meeting with location determined by Sevier Co representatives.
COMPLY: YES _____ NO _____

31.1 Two 5 lb. Fire extinguishers.
COMPLY: YES _____ NO _____

31.2 Three 02 flow meters with quick connects shall be provided.
COMPLY: YES _____ NO _____

31.3 One main oxygen valve with connections that attach directly to M style cylinder and vehicle main oxygen tubing supplying oxygen systems throughout ambulance at proper operating pressure. Valve should have attached gauge that displays contents of cylinder psi. Turn style handle on top of valve for opening and closing.
COMPLY: YES _____ NO _____

SECTION 32 AMBULANCE WEIGHTS

32.0 The ambulance shall be weighed to determine curb weight and distribution of curb weight on the front and rear axles. The imposed loading on front and rear axles will be computed using the curb weight and payload as specified in this specification. The computed imposed loads on the front and rear axles shall be less than the suspension, axle and tire ratings for the chassis to assure that overloading will not occur when the ambulance is put into service.
COMPLY: YES _____ NO _____

32.1 Bidder shall supply with the bid a computed load analysis sheet, showing the chassis manufacturer's load ratings for the axles, the imposed loads on the axles at curb weight, and the computed imposed loads on the axles with the rated payload on board.
COMPLY: YES _____ NO _____

SECTION 33 MANUALS

33.0 All manuals furnished shall be fully comprehensive shop type overhaul and troubleshooting service manuals. Two (2) complete sets of the manuals specified below shall be provided unless otherwise specified.
COMPLY: YES _____ NO _____

33.1 Two (2) sets of operators, shop type service, and manuals.
COMPLY: YES _____ NO _____

33.2 Two (2) sets of operator's, service and parts manuals shall be provided for the body modifications – per each vehicle. Manuals shall include all installation instructions, specification data sheets and other literature that is provided with all new equipment installed by the body builder. The following information shall also be included.

A. Copy of manufacturer's invoice for the ambulance.
B. Copy of manufacturer's specifications for the ambulance.
C. Copy of manufacturer's illustrative, pictorial literature and all vehicle line drawings.
D. Copy of pre-delivery inspection/test form signed by the inspector.
E. Copy of specified chassis manufacturer's warranty and owner's manual.
F. Ambulance manufacturer's component and equipment information, data, and specified warranties.
G. Complete exact wiring diagrams and schematics.
H. Ambulance manufacturer's operating and service instructions for the entire ambulance, electrical systems, components, and equipment.
COMPLY: YES _____ NO _____

33.3 Two (2) sets per each vehicle, of EXACT AS INSTALLED wiring diagrams in 11" X 17" format for body and all interfaces with the chassis.
COMPLY: YES _____ NO _____

33.4 Three (3) sets of EXACT AS INSTALLED wiring diagrams in large blue print size format shall be provided.
COMPLY: YES _____ NO _____

SECTION 34 SPECIFICATION SKETCH INFORMATION

34.0 Attached are sketches that should be used to provide bidders with information about the Ambulance interior and exterior layout and dimensional requirements. A complete set of engineering drawings and layouts shall be provided to Sevier County with the bid.
COMPLY: YES _____ NO _____

SECTION 35 DOCUMENTS TO BE RETURNED WITH BID

35.0 Certification of AMD 001 standard, "Static Load Test for Ambulance Body Structure", test shall also include the test being performed on the side of the unit also.
COMPLY: YES _____ NO _____

35.1 Certification of AMD 002 standard, "Body Door Retention Components Test"
COMPLY: YES _____ NO _____

35.2 Certification of AMD 003 standard, "Oxygen Tank Retention System".
COMPLY: YES _____ NO _____

35.3 Certification of AMD 004 standard, "Litter Retention System".
COMPLY: YES _____ NO _____

35.4 Letter of KKK-1822F certification by a nationally recognized independent testing laboratory. (**State Requirement No Exceptions)**
COMPLY: YES _____ NO _____

35.5 Chevrolet/GMC QVM certificate (must be current).
COMPLY: YES _____ NO _____

35.6 Certificate of proof for $10,000,000 general and product liability insurance.
COMPLY: YES _____ NO _____

35.7 Chassis manufacturer brochures and technical data.
COMPLY: YES _____ NO _____

35.8 Ambulance manufacturer brochures and technical data to include detailed construction specifications to include metal grades and thickness.
COMPLY: YES _____ NO _____

35.9 Provide with bid a Copy State of Tennessee Motor Vehicle Manufacturer & Sales Representive License. (**State Requirement No Exceptions)**
COMPLY: YES _____ NO _____

35.10 Description of ambulance manufacturer's facility, vehicles, technicians, and capabilities and history of company.
COMPLY: YES _____ NO _____

35.11 Two complete bid packages.
COMPLY: YES _____ NO _____

35.12 Ambulance weight calculations as requested in the information and descriptive literature section at the beginning of this bid document.
COMPLY: YES _____ NO _____

35.13 Notarized Statement the manufacturer of ambulance performs in house repairs for structural repairs (wreck damage) and in house remounts. Manufacturer to have performed remounts for the last 10 years.

35.14 Bidder to offer Sevier County the opportunity to purchase additional ambulances off this contract at the same terms/pricing for a period of 12 months from the bid acceptance. Provide a statement to this effect with bid.

SECTION 36 QUESTIONNAIRE

36.0 State the number of years that the manufacturer has been in continuous operations under the current business name.
_____

36.1 If represented by a local dealer, state the number of years continuously representing this manufacturer.
_____

36.2 How many ambulances did the manufacturer build on the proposed chassis in 2009? _____

36.3 How many ambulances has the manufacturer built on the proposed Chassis?
_____

36.4 List the number of full time employees employed by the manufacturer.
_____

36.5 Is the manufacturer design work done by CAD? _____

36.6 Does the manufacturer have certified aluminum welders on staff for body fabrication? _____

36.7 Does the manufacturer have in house capability to handle fabrication of upholstery? _____

36.8 Does the manufacturer have in house capability to handle all electrical harness fabrication and final assembly?
_____

36.9 Does the manufacturer have in house capability to handle all cabinetry and formica work? _____

36.10 Does the manufacturer have in house capability to handle all paint work?
_____

36.11 Name of the paint manufacturer and the paint system to be used on these vehicles? _____

36.12 Does the manufacturer have in house capability to handle collision damage to these vehicles should it become necessary during their service life in Sevier County? _____

36.13 What are the dimensions of the ambulance body that you are bidding?
_____

36.14 What is the thickness of the ambulance exterior body panels?
_____

36.15 What is the tensile strength of the ambulance aluminum exterior body panels? _____

36.16 What are the aluminum thickness and dimensions of the structural frame members of the ambulance body?
_____

36.17 What is the tensile strength of the aluminum structural frame members of the ambulance body?
_____

36.18 What is the aluminum thickness of the exterior compartments?
_____

36.19 What is the tensile strength of the aluminum exterior compartments?
_____

36.20 What is the aluminum thickness of the exterior compartment doors?
_____

36.21 What is the tensile strength of the aluminum exterior compartment doors?
_____

36.22 What is the DB rating for the cab and module when the siren is activated, air-horns are in operation, engine running with fan engaged, for the chassis presented for the bid.
Cab _____ Module _____

36.23 What is the wall to wall turning radius of the chassis presented for bid with specified wheelbase?
Right ? _____
Left ? _____

36.24 What is the wheelbase of the proposed chassis?
_____

36.25 What is the cab to axle measurement of the proposed chassis?
_____

36.26 What is the overall length of the proposed unit?
_____

36.27 What is the actual payload of the vehicle presented for bid equipped as specified? Anticipated equipment and personnel are not to be used in this calculation. _____

36.28 What is the stretcher loading height of the floor?
Measured from the rear doors ? _____
Measured from the curb side doors ? _____

36.29 How do you access and program the fast idle of the chassis presented for bid ?
_____
_____

36.31 What is the weight per oz. of the vinyl used for the seat coverings?
_____

SECTION 37 OPTIONAL ADDITIONAL EQUIPMENT

SECTION 38 SEVIER COUNTY REQUIRED COUNTY DOCUMENTS & INSTRUCTIONS
FAILURE TO RETURN THIS PAGE MAY RESULT IN REMOVAL OF YOUR COMPANY FROM COMMODITY LISTING.

BID#
Buyer Initials:

IF YOU DESIRE TO SUBMIT A "NO BID" IN RESPONSE TO THIS PACKAGE, PLEASE INDICATE BY CHECKING ONE OR MORE OF THE REASONS LISTED BELOW AND EXPLAIN.

Do not offer this product or service; remove us from your bidder's list for this item only.

Specifications too "tight"; geared toward one brand or manufacturer only.

Specifications are unclear.

Unable to meet specifications

Unable to meet bond requirements

Unable to meet insurance requirements

Our schedule would not permit us to perform.

Insufficient time to respond.

Other

COMPANY NAME

AUTHORIZED REPRESENTATIVE SIGNATURE

ATTENTION

FAILURE TO RETURN THE FOLLOWING DOCUMENTS MAY RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION:

1. FAILURE TO USE COUNTY BID SCHEDULE.

2. FAILURE TO RETURN APPLICABLE COMPLIANCE SHEETS/SPECIFICATION SHEETS.

3. FAILURE TO RETURN APPLICABLE ADDENDA.

4. FAILURE TO PROVIDE INFORMATION ON ALTERNATES OR EQUIVALENTS.

5. THE COUNTY SHALL BE THE SOLE DETERMINANT OF TECHNICALITY VS. NON-RESPONSIVE BID.

6. FAILURE TO PROVIDE BID BOND, WHEN REQUIRED, WILL RESULT IN BID BEING DEEMED NON-RESPONSIVE AND AUTOMATIC REJECTION. BID BONDS ARE NOT REQUIRED ON ALL BIDS. BOND REQUIREMENTS ARE CLEARLY STATED ON THE INVITATION TO BID. IF YOU NEED CLARIFICATION, CONTACT THE PURCHASING ASSOCIATE.

SEVIER COUNTY GOVERNMENT
GENERAL INSTRUCTIONS FOR BIDDERS, TERMS AND CONDITIONS

I. PREPARATION OF BIDS:

A. Each bidder shall examine the drawings, specifications, schedule and all instructions. Failure to do so will be at the bidder's risk, as the bidder will be held accountable for their bid response.

B. Each bidder shall furnish all information required by the bid form or document. Each bidder shall sign the bid and print or type his or her name on the schedule. Erasures or other changes must be initialed by the person signing the bid. Bids must be signed by an authorized agent of the company.

II. DELIVERY:

A. Each bidder should state time of proposed delivery of goods or services.

B. Words such as "immediate," "as soon as possible," etc. shall not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) shall be stated (if calendar days are used, include Saturday, Sunday and holidays in the number).

III. EXPLANATION TO BIDDERS:

Any explanation desired by a bidder regarding the meaning or interpretation of the invitation for bids, drawings, specifications, etc. must be requested five (5) working days prior to bid opening in order for a reply to reach all bidders before the close of bid. Any information given to a prospective bidder concerning an invitation for bid will be furnished to all prospective bidders as an addendum to the invitation if such information is necessary or if the lack of such information would be prejudicial to uninformed bidders. The written bid documents supersede any verbal or written communications between parties. Receipt of addendum should be acknowledged in the bid. Although the Purchasing Division will take effort to send any addendum to known bidders, it is the bidder's ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal. This may be accomplished via contact with the assigned Procurement Agent prior to bid submittal.

IV. SUBMISSION OF BIDS:

A. Bids shall be enclosed in sealed envelopes, addressed to the Sevier County Mayors Office with the name of the bidder, the date and hour of opening and the invitation to bid number on the face of the envelope. Telegraphic/faxed bids will not be considered. Any addendum should be enclosed in the sealed envelopes as well. See attached bid announcement.

B. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the County, at no expense to the County. Unless otherwise specified, samples will be returned at the bidder's request and expense if items are not destroyed by testing.

C. Items offered must meet required specifications and must be of a quality which will adequately serve the use and purpose for which intended.

D. Full identification of each item bid upon, including brand name, model, catalog number, etc. must be furnished to identify exactly what the bidder is offering. Manufacturer's literature may be furnished.

E. The bidder must certify that items to be furnished are new and that the quality has not deteriorated so as to impair its usefulness.

F. Unsigned bids will not be considered except in cases where bid is enclosed with other documents which have been signed. The County will determine this.

G. Sevier County is exempt from federal excise tax and sales tax with regard to goods and services purchased directly by Sevier County. Suppliers and contractors are responsible for federal excise tax and sales tax, including taxes for materials incorporated in county construction projects. Suppliers and contractors should contact the State of Tennessee Sales Tax Division for additional information.

H. Information submitted by a bidder in the bidding process shall be subject to disclosure after the public opening in accordance with the Tennessee Open Records Act. Each page of proprietary information must be identified. Entire bid may not be deemed proprietary.

V. WITHDRAWAL OF BID DUE TO ERRORS:
The bidder shall give notice in writing of his claim of right to withdraw his bid without penalty due to an error within two (2) business days after the conclusion of the bid opening procedure. Bids may be withdrawn from consideration if the price was substantially lower that the other bids due solely to a mistake therein, provided the bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and material used in the preparation of the bid sought to be withdrawn. The bidder's original work papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his bid. If a bid is withdrawn under the authority of this provision, the lowest remaining responsive bid shall be deemed to be low bid.

No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.

Supplier has up to forty-eight (48) hours to notify the Sevier County Purchasing Office of an obvious clerical error made in calculation of bid in order to withdraw a bid after bid opening. Withdrawal of bid for this reason must be done in writing within the forty-eight (48) hour period. Suppliers who fail to request withdrawal of bid by the required forty-eight (48) hours shall automatically forfeit bid bond. Bid may not be withdrawn otherwise.

Bid withdrawal is not automatically granted and will be allowed solely at Sevier County's discretion.

VI. <u>TESTING AND INSPECTION:</u>

Since tests may require several days for completion, the County reserves the right to use a portion of any supplies before the results of the tests are determined. Cost of inspections and tests of any item which fails to meet the specifications shall be borne by the bidder.

VII. F.O.B. POINT:

Unless otherwise stated in the invitation to bid and any resulting contract, or unless qualified by the bidder, items shall be shipped F.O.B. Destination. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

VIII. PATENT INDEMNITY:

The contractor guarantees to hold the County, its agents, officers or employees harmless from liability of any nature or kind for use of any copyrighted or un-copyrighted composition, secret process, patented or un-patented invention, articles or appliances furnished or used in the performance of the contract, for which the contractor is not the patentee, assignee or licensee.

IX. BID BONDS AND PAYMENT AND PERFORMANCE BONDS:

Not required with this bid

X. DISCOUNTS:

A. Time payment discounts will be considered in arriving at net prices and in award of bids. Offers of discounts for payment within ten (10) days following the end of the month are preferred.

B. In connection with any discount offered, time will be computed from the date of delivery and acceptance at destination or from the date correct invoice or voucher is received, whichever is the later date. Payment is deemed to be made for the purpose of earning the discount, on the date of the County check.

XI. AWARD:

A. Award will be made to the lowest responsive and responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to the requirements of the County, and the delivery terms will be taken into consideration in making the award. The County may make such investigations as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the County that such bidder is properly qualified to carry out the obligations of the contract.

B. The County reserves the right to reject or accept any or all bids and to waive technicalities, informalities and minor irregularities in bids received.

C. The County reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest.

XII. DELIVERY FAILURES:

Failure of a contractor to deliver within the time specified or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the EMS Director, shall constitute authority for the County to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the contractor shall reimburse the County within a reasonable time specified by the County for any expense incurred in excess of contract prices, or the County shall have the right to deduct such amount from monies owed the defaulting contractor. **Alternatively, Sevier County will penalize the contractor five hundred dollars ($500.00) per day, per ordered vehicle, each day that delivery of ordered vehicle/vehicles is beyond the 90 working day term.** Should public necessity demand it, the County reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the County.

XIII. COUNTY FURNISHED PROPERTY:

No material, labor or facilities will be furnished by the County unless so provided in the invitation to bid.

XIV. REJECTION AND WITHDRAWAL OF BIDS:

Failure to observe any of the instructions or conditions in this invitation to bid may constitute grounds for rejection of bid.

XV: CONTRACT:

Each bid is received with the understanding that the acceptance in writing by the County of the offer to furnish any or all of the commodities or services described therein shall constitute a contract between the bidder and the County which shall bind the bidder on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted bid. The County, on its part, may order from such contractor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered.

Upon receipt of a bid package containing a Sevier County "Sample Contract" as part of the requirements, it is understood that the bidder has reviewed the documents with the understanding that Sevier County requires that all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the bid. If no exceptions are stated, it is assumed that the bidder fully agrees to the provisions contained in the "Sample Contract" in its entirety.

When the contractor has performed in accordance with the provisions of this agreement, Sevier County shall pay to the contractor, within thirty (30) days of receipt of any payment request based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any. In the event that Sevier County fails to pay the contractor within sixty (60) days of receipt of a pay requested based upon work completed or service provided pursuant to the contract, the County shall pay the contractor interest at the rate of ½% per month or pro rata fraction thereof, beginning the sixty-first (61st) day following receipt of pay requests. The contractor's acceptance of progress payments or final payment shall release all claims for interest on said payment.

XVI. Contract Continuation Option:

If both parties agree upon price, Sevier County Government reserves the right to purchase additional ambulances under this same contract, at the same bid price amount, with an agreed upon design, for a period of twelve months from the date/time of bid award.

XVII. NON-COLLUSION:

Bidder declares that the bid is not made in connection with any other bidder submitting a bid for the same commodity or commodities, and that the bid is bona fide and is in all respects fair and without collusion or fraud. An affidavit of non-collusion shall be executed by each bidder. Collusion and fraud in bid preparation shall be reported to the State of Tennessee Attorney General and the United States Justice Department.

XVIII. DEFAULT:

The contract may be canceled or annulled by the County in whole or in part by written notice of default to the contractor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible bidder, or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting contractor (or his surety) shall be liable to the County for costs to the County in excess of the defaulted contract prices; provided, however, that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the contractor to deliver materials or services within the time stipulated on his bid, unless extended in writing by the Board of Supervisors, shall constitute contract default.

XIX. DISPUTES:

Except as otherwise provided in the contract documents, any dispute concerning a question of fact arising under the contract which is not disposed of shall be decided after a hearing by the County, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the contractor. The decision of the procurement agent shall be final and binding; however, the contractor shall have the right to appeal said decision to a court of competent jurisdiction.

XX. SUBSTITUTIONS:

Bidders offering and quoting on substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their bid. The absence of such a substitution list shall indicate that the bidder has taken no exception to the specifications contained herein.

XXI. INELIGIBLE BIDDERS:

The County may choose not to accept the bid of a bidder who is in default on the payment of taxes, licenses or other monies due to the County. Failure to respond to three (3) consecutive times for any given commodity/service may result in removal from the supplier list under that commodity/service.

XXII. OCCUPATION TAX CERTIFICATE:

Each successful bidder shall provide evidence of a valid Sevier County occupation tax certificate if the bidder maintains an office within the unincorporated area of Sevier County. Incorporated, out of County, and out of State bidders are required to provide evidence of a certificate to do business in any town, County or municipality in the State of Tennessee, or as otherwise required by County ordinance or resolution.

XXIII. PURCHASING POLICY AND REVIEW COMMITTEE:

The Purchasing Policy and Review Committee has been established to review purchasing procedures and make recommendations for changes; resolve problems regarding the purchasing process; make recommendations for standardization of commodities, schedule buying, qualified products list, annual contracts, supplier performance (Ineligible Source List), and other problems or requirements related to Purchasing.

XXIV. AMERICANS WITH DISABILITIES ACT:

All contractors for Sevier County are required to comply with all applicable sections of the Americans with Disabilities Act (ADA) as an equal opportunity employer. In compliance with the Americans with Disabilities Act (ADA), Sevier County provides reasonable accommodations to permit a qualified applicant with a disability to enjoy the privileges of employment equal to those employees with disabilities. Disabled individuals must satisfy job requirements for education background, employment experience, and must be able to perform those tasks that are essential to the job with or without reasonable accommodations.

XXV. ALTERATIONS OF SOLICITATION AND ASSOCIATED DOCUMENTS

Alterations of County documents are strictly prohibited and will result in automatic disqualification of the firm’s solicitation response. If there are “exceptions” or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.