### **Anderson County Government**

#### **Request for Bids**

100 North Main Street, Suite 214
Courthouse
Clinton, Tennessee 37716
(865) 457-6218 Office
(865) 457-6252 Fax

purchasing@andersontn.org http://andersontn.org/purchasing

Bid No.: 4910

Date Issued: September 18, 2018

Bids will be received until 2:30 p.m. Eastern Time on October 16, 2018

Sealed bids are subject to the <u>General Terms and Conditions</u> of this bid, and any other data attached or incorporated by reference. Bids will be received in the Anderson County Purchasing Office until the date and time specified above, and at that time publicly opened and read aloud.

ANDERSON COUNTY RESERVES THE RIGHT TO WAIVE ANY INFORMALITIES IN OR TO REJECT ANY OR ALL PROPOSALS AND TO ACCEPT THE PROPOSAL DEEMED FAVORABLE AND IN THE BEST INTEREST OF ANDERSON COUNTY.

Natalie Erb, Director of Finance

#### **BID DESCRIPTION**

Bid for Type III 151 Ambulance for EMS.

Vendors are to submit one (1) original and two (2) exact copies of their response.

Contact Purchasing in writing with any questions. Refer to General Terms and Conditions Section 1.2.

# Anderson County EMS

Clinton, TN

### **AMBULANCE SPECIFICATION**

EMERGENCY MEDICAL VEHICLE
TYPE III (4X2) DRW

TYPE III

DESIGNED TO MEET OR EXCEED THE LATEST REVISION OF KKK-A-1822-F

And son Sounds SHS

ARREST LANCE SPECIFICATION

EMERGERIO "MEDICAL VERTI DIVINA

BO HOLD

O LOUNS TO SECURE THE THE PROPERTY OF THE PERSON OF THE PE

CARLOL DEBNING THE PROPERTY IN COMMERCIAL

## Bid #4910 – Type III 151 Ambulance

Anderson County seeks bids for Type III 151 Ambulance. Pricing is requested for different quantities. Anderson County reserves the right to reject any and all bids and may award based upon most compliant bidder to this specification. Not subjected to lowest cost bidder. Bidder may not take exception out of convenience.
The following questions shall be completed by the bidder with the understanding that false or misleading information will be grounds for rejection of your bid.

Project completion of	late shall be	wo	rking days	from clean order.
Has the bidder taken	any exceptions to the	e specifications	s? YES	NO
Are all deviations from	om specifications exp	olained as requi	red? YES_	NO
Vendor Name:				
Manufacturer:				
Signature Authorize	d Representative:			
Print Name:				
Title:				
Price for 1 (one) Type III 151 Ambulance:  Price for 2 (two) Type III 151 Ambulances:				
Price for 3 (three) Type III 151 Ambulances:				
	Price for 4 (four) Type III 151 Ambulances:			
	_			

#### 1. GENERAL

#### **1.01** Scope

The ambulance specification documented here establishes requirements for a new automotive emergency medical services (EMS) ground vehicle used for out-of-hospital medical care and patient transport. The term *new* as applied in this standard is intended to refer to the original construction of an ambulance using all new materials and parts. Bidders shall not propose ambulances that are refurbished or remounted.

#### 1.02 Purpose

The purpose of this document is to specify the purchaser's requirements, performance parameters, and essential criteria for the design of this ambulance. This document shall layout exacting details and shall have accompanied drawings to clearly and accurately specify the ambulance.

#### 1.03 Application

This specification shall apply to vehicles intended for primary use of emergency operations, but will be used in both emergency and non-emergency operations.

#### 1.04 Equivalency

This specification is intended to provide the bidder the guidelines and parameters of the ambulance to be purchased. Many of the components specified here can be procured from common vendors. In those instances, the model or brand specified shall be used. The bidder is encouraged to propose a like model for those items in this specification which they cannot comply to. Alternative construction and design methods detailed by the bidder shall not be cause for automatic rejection. The specification for this ambulance has a desired level of quality and workmanship. In instances where exceptions and clarifications are necessary, detailed descriptions and photographs may be used.

#### 1.05 Exceptions

Each section requiring a response shall be marked by the bidder to acknowledge acceptance and compliance to the specification. Should the bidder choose not to comply with the specified requirements, the bidder shall disclose to the purchaser what they are offering in comparison. Exceptions to the proposal shall be documented in a centralized location in this bid proposal. The exceptions section of the proposal shall include the section heading, the page number and a detailed description of what shall be proposed by the bidder. Bidders taking 'total exception' shall not be allowed and will be considered unresponsive as this disregards the purchasers request of a comparable product. Exceptions with descriptions claiming they meet or exceed the specification with no backing documentation will be considered non-responsive and subject to disqualification.

#### 1.06 Drawings

The ambulance proposal shall include computer aided design (CAD) drawings for the model specified here. Two dimensions (2D) sales drawings shall be acceptable for this proposal. The bidder shall not accept standard model or generic drawings as these are not an accurate depiction of the vehicle specified. Drawings provided "upon request" shall not be permitted by the purchaser.

Upon acceptance of the proposal and finalization of the order, the bidder shall have three dimensions (3D) models to complete the ambulance. These 3D models shall be available to view at the purchasers request during the build process. To maintain a level of quality and craftsmanship, the entire ambulance shall be modeled with 3D CAD software before any fabrication begins. Manufacturers utilizing a different engineering method shall document this in the exceptions section of this document.

#### 1.07 Referenced Publications

This specification specifically sites documents or portions of documents listed below. It is the bidder's responsibility to ensure the ambulance proposed meets the requirements set forth in these documents.

### 1.08 Responsibility of the Purchaser

It shall be the responsibility of the purchaser to consider the amount of equipment and personnel that will be carried on the ambulance and to specify a minimum usable payload that will accommodate this weight once the ambulance is placed in service if this weight exceeds standard regulations. It shall be the responsibility of the purchaser to specify any details of the ambulance that would exceed the minimum specifications of those standards. After acceptance of the ambulance, the purchaser shall be responsible for ongoing training of personnel to develop and maintain proficiency regarding the proper and safe use of the ambulance and its associated equipment.

#### 1.09 Responsibility of the Contractor

The bidder shall provide a detailed description of the ambulance with the proposal along with a list of equipment to be furnished. Documentation of all testing data detailed in this specification shall be included in the bid proposal. Failure to comply with this requirement is considered to be non-responsive and will be subject to rejection for this cause.

The bidder's detailed description shall include exceptions and clarifications clearly defining each section of the proposal that are not fully compliant with the requirements of detailed specification defined here.

Responsibility for the ambulance and customer supplied equipment shall remain with the contractor until they are accepted by the purchaser.

#### 1.10 Manufacturing Capability

The ambulance manufacturers shall use a continuous flow production system to assemble their models of ambulances. The advantage of this continuous flow system is the entire assembly of the vehicle is broken down into logical assembly phases to which resources are attributed and properly trained. A description of the manufacturer production system shall be included.

The manufacturer supplier base shall be horizontally integrated. Therefore, the manufacturer shall have a light supplier base able to supply the manufacturer with a vast array of components. The advantage of horizontally integrated suppliers is being able to meet production demands during peak periods without the need to hire untrained personnel.

The ambulance manufacturer is to have documented consistent experience with building in accordance with these specifications and construction products. At least 80% or greater of all ambulances built in a year are to be of aluminum and/or fiberglass interior. This is to ensure that accuracy, consistency and experience with building an ambulance with both exterior and interior aluminum and/or fiberglass construction design is in place and routine.

The ambulance manufacturer is to have routinely built at least 400 or more ambulances of varying models, but of this type construction, each year for the last five (5) years consecutively. The manufacturer shall also provide a list of like models to the purchaser upon request.

#### 1.11 Schedule

The manufacturer shall be able to schedule the ambulance into its production cycle to give an accurate deadline of completion from the time of the signed accepted order. The bidder shall include the proposed lead time for the completion unit and other important milestones in a Gantt chart.

The manufacturer shall not be held liable for changes arising from its failure to make or delay in making delivery because of fire, flood, strike, riot, chassis shortage, accidents, acts of force majeure, or any circumstances beyond the bidding manufacturer's control.

Manufacturer shall be responsible for delivery of ambulance upon completion to Anderson County, TN.

	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
1.12	Quality Processes A manufacturer's internal quality process system shall be in place. This q system shall conform to ISO-9001 specifications. To ensure the quality system aintained the manufacturer shall be audited by an independent agency. Do this internal quality process system shall be provided.	m is cor	ntinually
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
1.13	Ambulance Components  All components shall be installed in accordance with the applicable installation instructions. The emergency medical care vehicles, including characteristic, medical accessories, and electronic equipment shall be standard products, tested and certified to meet or exceed the requirements of this standard shall be free from defects that may impair their serviceability or detract for All bodies, systems, equipment, and interfaces with the chassis shall be dorwith OEM best practices.	ssis, equard con andard. Yom app	uipment, nmercial Vehicles earance.
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N

#### 1.14 Warranty

The manufacturer shall include documentation of all warranties pertaining to the new ambulance. Each warranty shall be specifically detailed and shall describe what exactly is covered under the specified warranty. Warranties must be described and detailed in exact times (e.g years, months, days).

	<ul> <li>Module Structure:</li> <li>Paint:</li> <li>Electrical:</li> <li>Materials and Workmanship:</li> <li>OEM Materials:</li> </ul>
	A written statement of each of the manufacturer's warranties shall be provided with this bid proposal.
	Does your bid comply with the specification as written? Y N
	Does your proposal include an exception to this requirement? YN
1.15	Documentation All documentation delivered with the ambulance shall either be printed format, electronic format, audiovisual format or any combination of these forms of media. The documentation shall be provided in a centralized manual, binder or CD. All documentation shall be clearly labeled and shall be easy for the purchaser to review as necessary.  The ambulance manufacturer shall deliver with the ambulance at least one (1) copy of the following documents:
	1. The manufacturer's record of ambulance construction details, including the following information:  a. Owner's name and address  b. Ambulance manufacturer, model, and serial number  c. Chassis make, model, and VIN  d. GAWR of front and rear axles and GVWR  e. Front tire size and total rated capacity in pounds (kilograms)  f. Rear tire size and total rated capacity in pounds (kilograms)  g. Engine make, model, serial number, rated horsepower and torque  h. Type of fuel and fuel tank capacity  i. Electrical system voltage and alternator output in amps  j. Battery make, model, and capacity in cold cranking amps (CCA)  k. Chassis transmission make, model, and serial number  l. Ratios of all driving axles  m. Maximum governed road speed  n. Paint manufacturer and paint number(s)  o. Company name and signature of responsible company representative  p. Documents from a certified scale showing curb weight on the front axle and rear axle(s) (done after construction is completed, and without personnel and equipment)  2. Certification of compliance of the optical warning system  3. Siren manufacturer's certification of the siren  4. Written load analysis and results of the electrical system performance tests  5. Certification of slip resistance of all exterior stepping, standing, and walking surfaces  Does your bid comply with the specification as written?  YN
	Does your proposal include an exception to this requirement? Y N

The manufacturer shall deliver with the ambulance at least one (1) set of complete owner/operator manuals. These manuals shall also include service documentation covering the completed ambulance as delivered and accepted.

The owner/operator manual shall include the inspection, service, and operations of the ambulance of all major components thereof. The documentation listed here shall be for each ambulance delivered and shall contain the following information:

- 1. Manufacturer's name and address
- 2. Country of manufacture
- 3. Source for service and technical information
- 4. Parts replacement information
- 5. Descriptions, specifications, and ratings of the chassis
- 6. Wiring diagrams for low voltage and line voltage ambulance-specific systems to include the following information:
  - a. Pictorial representations of circuit logic for all electrical components and wiring
  - b. Circuit identification
  - c. Connector pin identification
  - d. Zone location of electrical components
  - e. Safety interlocks
  - f. Alternator-battery power distribution circuits
  - g. Input/output assignment sheets or equivalent circuit logic implemented in multiplexing systems
- 7. Lubrication charts
- 8. Operating instructions for the chassis, any major components
- 9. Instructions regarding the frequency and procedure for recommended maintenance
- 10. Overall ambulance operating instructions
- 11. Safety considerations
- 12. Limitations of use
- 13. Inspection procedures
- 14. Recommended service procedures
- 15. Troubleshooting guide
- 16. Ambulance body, chassis, and other component manufacturer's warranties
- 17. Special data required by this standard

	18. Material safety data sheet (MSDS) for any fluid that is specified for use on the amb		
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
1.17	Certification and Payload Signage The complete ambulance shall have a certification and payload label. The mounted on the body (module) interior in a conspicuous location. The companies hall have a payload calculation form.		
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N

#### 1.18 Dimension Labeling

	located in a location easily found by the driver.			
	Does your bid comply with the specification as written?	Y	N	
	Does your proposal include an exception to this requirement?	Y	N	
1.19	Component Protection  All manufacturer or supplier supplied hose lines, air system tubing and electrical harnesses shall be mechanically attached to the frame or body structure of the ambulance. All exposed tubing, electrical wiring and hoses shall be contained in a loom or an insulated covering or both the exterior and interior of the ambulance. Where hoses and electrical wiring looms are passing through metal edges; a protective grommet shall be installed in the hole to prevent premature wear on the loom or hose. Exposed wires and hoses shall not be permitted as this poses a potential hazard and could cause premature failure of critical components on the completed ambulance.			
	Does your bid comply with the specification as written?	Y	N	
	Does your proposal include an exception to this requirement?	Y	N	
1.20	Personnel Protection  Protection in the form of guards and shields shall be provided on the completo prevent injury of personnel by temperature sensitive, moving, or rotating personnel operations. Access to these areas shall be restricted yet still qualified technicians to perform maintenance when necessary.	arts dur	ing non-	
	Electrical insulation or isolation shall be provided on all electrical componelectrical shock from onboard electrical systems. Electrical systems and properly secured in the electrical control panel to prevent accidental entry or areas.	wiring	shall be	
	The completed ambulance shall be free of sharp edges and protrusions the during routine maintenance or while the vehicle is in motion.	nat coul	d injure	
	Does your bid comply with the specification as written?	Y	N	
	Does your proposal include an exception to this requirement?	Y	N	
1.21	21 Liability  The bidding manufacturer shall furnish a Certificate of Insurance showing an aggregiliability insurance which shall not be less than ten million dollars (\$10,000,000.00), general liability Certificate of Insurance shall be provided by the manufacturer's in Failure to provide a Certification of Insurance shall be considered non-responsive and for rejection of the proposal.			
	Does your bid comply with the specification as written?	Y	N	
	Does your proposal include an exception to this requirement?	Y	N	

The completed ambulance manufacturer shall provide a high-visibility label showing the dimensions of the ambulance and the GVWR of the competed vehicle. This label shall be

Bidders authorizing local service centers will be cause for a lower level of consideration by Purchaser. It is preferred that the bidder provide this service direct for consistent and quick repairs as not to be farmed out. Details of service capability will be provided with proposal, to include if the bidder is providing this service direct or indirect. This will include:

- 1. Facility Name, Address, Phone Number, & Primary Contact
- 2. Size of Facility
- 3. Number of employees and certifications/training credentials
- 4. On Site Field Service Capabilities
- 5. Photos of actual facilities
- 6. 24/7/365 Emergency Service Hotline

It is a high priority to the purchaser to be able to maintain our fleet and minimize critical failure issues and have access to quick repairs. To assist in prompt repairs to our fleet successful vendor must meet the following service and maintenance requirements. Greater consideration will be given bidder that has a comprehensive ambulance module repair facility to administer warranty repair and stock in house parts. Bidder must offer this direct service within their coverage area.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N
Bidder must be recognized as the authorized provider of ambulances and purchaser's state.	service	for the
Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N
24/7 FIELD SERVICE TECHNICIANS - EMERGENCY SERVICE: Purch the vendor have on site mobile service vehicle fleet with factory trained E Fully stocked with common service items as necessary available 24 hours week. All module repairs must be performed via a factory trained technicia include pictures of their service fleet vehicles, facility & comply with the for	VT techi a day 7 n. Vend	nicians. days a or shall
Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N
Bidders must list their service facility profile and credentials to the pure	chaser b	elow
Factory Authorized Facility Name:	_	
Full Time Service Manager Name:		
Full Time Parts Manager Name:		
Daytime Phone Number:		
24 hr Emergency Service Number:	_	

	24 hr Monitored Email Link:		
	# Factory Authorized Mobile Service Techs:		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
2	TEST AND CERTIFICATION		
2.01	Testing Capabilities The ambulance manufacturer shall be equipped to do a majority of the ambulance facility. All pull tests, load tests, lighting level tests and noise level test at the manufacturer's facility. The manufacturer shall have a full range of to proven by an independent engineering agency.	sts shall	be done
	In-house testing facilities are preferred by this purchaser as this gives t flexibility to perform tests on various designs and iterations on a continual shall be audited and documented by an engineer, which will all be accredited of engineering and technology of their respective state or province.	basis. A	ll testing
	If the Ambulance manufacturer does not have its own testing facility or description of how continual testing is provided shall be detailed in the bid		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
2.02	Testing Requirements The bidding manufacturer shall be capable of passing testing certifica America. All testing performed shall meet or exceed the highest requirement of the North American standards listed here. The manufacturer shall be testing or certification results for the following requirements.  Copies of testing documentation and certification for the Ambulance Manufacturer.	it set fort able to	th in any provide
	of the National Truck Equipment Association (AMD) requirements shall this proposal:		
	Copies of different vehicle certifications for the following vehicle specifications provided with this proposal:	ications	shall be
	<ul> <li>KKK: Federal Specification for the Star of Life Ambulance (KKK-</li> <li>FMVSS: US Federal Motor Vehicle Safety Standards and Regulation</li> <li>DOT: US Department of Transportation</li> </ul>		)
	Any manufacturer who exceeds these specifications is welcomed to provide it needs to be useful in the application of the purchaser to be considered a p		lowever,
	Does your bid comply with the specification as written?	Y	N

$\mathbf{V}$	N
	1.4

#### 2.03 Additional Testing Requirements

In addition to the above mentioned testing requirements in section 2.02, the following tests shall be conducted on the specific model, passed and documented.

#### 2.03.1 Additional AMD Testing Requirements

#### • AMD 004: Cot Retention Pull Test

Above and beyond the minimum required 2200 lbs., the bidding manufacturer must have completed a cot retention pull test to meet or exceed 10 times the weight of the cot plus the cot hardware and the weight of a male patient in the 90th percentile per the current NIHS / CCHS data. The minimum requirement may vary, depending on the specific cot (Ferno or Stryker) and cot hardware. Results for both brands must be provided.

#### AMD 006: Sound Level Test

Above and beyond the minimum requirement of 80 decibels or less as tested in the patient compartment, the bidding manufacturer must also perform a sound level test in the front cab, with windows opened 6 inches and reach a minimum requirement of 89 decibels or less. Another sound level test in the front cab must be done with windows closed while reaching a minimum of 84 decibels or less.

#### • AMD 008: Patient compartment Grab Rail Test

Above and beyond the minimum requirement of a 300 lbs pull test on the overhead ceiling grab rail, the bidding manufacturer must perform pull tests on each grab handle inside the patient compartment. All grab handles and overhead grab rails will be pull tested to 500 lbs., however it is important to mention that deformation may occur at 500 lbs.

#### AMD 012: Interior Climate Control Test

#### Heating

Minimum Requirement: From 32°F to 68°F in 30 minutes or less

Above and beyond the minimum requirement, the bidding manufacturer must show that the test began at 1°F and reach 68°F in 30 minutes or less.

#### Air Conditioning

Minimum Requirement: From 95°F to 78°F in 30 minutes or less

Above and beyond the minimum requirement, the bidding manufacturer must perform the exact same test and reach 78°F in 20 minutes or less.

#### AMD 013: Weight Distribution

Above and beyond the minimum requirement of having 20% or more GVWR on the front axle, the bidding manufacturer will need to meet or exceed a minimum of 30% GVWR on the front axle. This added front axle weight distribution is a critical safety aspect in terms of added traction, braking capacity and increased handling capabilities.

#### 2.03.2 Additional Testing Requirements

#### • Safety Net and Safety Net Anchor Points Pull Tests

The bidding manufacturer will need to meet or exceed a pull test on the safety net of 3000 lbs. The bidding manufacturer will also need to meet or exceed a pull test of the safety net anchor points of 6000 lbs., with each anchor point being subject to an equal amount of force.

#### **Test Scope – Anchor Points**

Attach a force application device to each fastener and applied the required load in a plane parallel to the fastener. Repeat the test procedure while applying the load perpendicular to the initial plane. Examine and record the results.

#### Test Scope - Safety Net

Apply a force in a forward direction at the center of the net using a suitable solid block to distribute the load. Examine and record the results.

#### Street side Cabinetry Pull Test

The bidding manufacturer will need to meet or exceed a pull test on the street side medical cabinetry equivalent to 25 times the weight of the cabinet and action wall assembly or, in the case the cabinets are individual components of the wall assembly, the sum of every individual cabinet plus the cabinet shelves and action wall, in both lateral and longitudinal axis', with the force equally dispersed on the surface of the cabinet. The pull test shall be conducted on a final assembled cabinet installed in a similar module.

### Test Scope - Street Side Cabinetry Pull Test

Apply the required force to the component using a force application device such that the force is spread equally over the fasteners. Apply the force in a lateral direction. Observe and record the results. Repeat the test procedure by applying the force in a longitudinal direction. Observe and record the results.

#### • Equipment Restraint Devices Pull Tests

The bidding manufacturer will need to meet or exceed a pull test on any and all equipment restraining device, such as fasteners, O2 brackets or belts. The pull test will be a minimum of 10 times the weight of the restraint device and the restrained equipment.

### Test Scope - Equipment Restraint Devices

Document and calculate the weight of the equipment and the equipment restraint to be pull tested. Apply the calculated force on each different installation in a parallel and perpendicular plane to the initial plane of the fasteners.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N

#### 2.04 Certification Documents

Certification letters submitted for the ambulance model, components, and equipment being certified shall contain the following information on contractor's letterhead stationery in electronic format (pdf files):

- 1. To whom certifying
- 2. Date
- 3. Units or items
- 4. Contractor and address
- 5. Date product tested
- 6. Model number and specification data
- 7. Applicable specification references and test requirement
- 8. Summary of the test report
- 9. A certifying statement with official signature by a recognized and certified engineer

The testing documentation for each certification shall include the following supportive verification data and information on letterhead stationery in electronic format (pdf files):

- 1. For whom tested
- 2. Report date
- 3. Name of sample product or device
- 4. Contractor's address
- 5. Serial and model number(s)
- 6. Specification referral and amendment number(s), and test requirement(s)
- 7. Test facilities used and location
- 8. Test equipment used
- 9. Test procedure
- 10. Test results
- 11. Verifying test data
- 12. Photographs
- 13. Test conclusion(s)
- 14. Witness(es)
- 15. Authorized signature

Certification documentation shall be delivered with the ambulance, including results of the certification tests. Each model the manufacturer offers shall be tested and certified. The purchaser will not accept testing certification on the largest model size as a "blanket certification" for all models without detailed justification and/or calculation. A testing equivalency can only be used if a signed & approved letter is provided, explaining the build philosophy and testing requirements proving the test equivalency.

Does your bid comply with the specification as written?	Y	<b>N</b>
Does your proposal include an exception to this requirement?	Y	N

#### 3. Chassis

### **3.01 Model**

Ford E350 Gas

#### 3.02 Wheelbase

158"

#### **3.03 GVWR**

12,500 lbs

#### 3.04 Cab to Axle

100"

#### 3.05 Paint

**OEM Oxford White** 

#### 3.06 Interior Color

Medium Flint

#### 3.07 Seating

Dual cloth captain's chairs

### 3.08 Equipment package

Ambulance prep package Interior upgrade package Exterior upgrade package

#### 3.09 Mirrors

Velvac electric with heat

#### 3.10 Radio

OEM AM/FM/CD/Audio jack with clock and 2 speakers

### 3.11 Engine

6.8L EFI Triton V10

### 3.12 Transmission

Five speed automatic transmission with overdrive

### 3.13 Alternator

Single 225 amp alternator

### 3.14 Battery

Two (2) 12V 750CCA/78 Amp- Hr

#### **3.15** Tires

LT225/75R16E BSW all season Full size spare tire/wheel Jack

3.17	Brakes Four-wheel disc with anti-lock		
3.18	Axle 4.56 ratio limited slip rear axle		
3.19	GAWR Front: 5,000 lbs Rear: 8,500 lbs		
3.20	Stabilizer Bars Front and rear standard		
3.21	Carpet OEM installed vinyl floor covering		
3.22	Block Heater OEM Engine block heater		
3.23	Emissions 50 state emissions certified		
3.24	Fuel Tank 55 Gallon		
3.25	Additional Options/Features Remote keyless Daytime running lights Bright chrome grille & front bumper Cruise control		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N

3.16 Wheels

16" Steel wheels

### **VEHICLE FEATURES** 4. 4.01 Anti-Theft System There shall be a fully integrated anti-theft system installed in the ambulance. This system, activated via the front console, allows the user to remove the keys from the ambulance. This allows the unit to stay running while reducing the risk of theft. While the system is engaged, if the brake pedal is depressed, the system will automatically shut the unit down, preventing the unit from being driven Does your bid comply with the specification as written? Y N No exception will be allowed. 4.02 Running Boards Full length exterior running boards shall be installed on the chassis. They shall be constructed of a sure grip material no less than 7" wide with machine punched holes to facilitate water and debris runoff. Aluminum mud flaps shall be added to reinforce the running boards and prevent road debris intrusion. The rear section shall be bolted through the front plane of the module. Does your bid comply with the specification as written? Y\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? Y\_\_\_\_ N\_\_\_\_ 4.03 Front Bumper The chassis manufacturers OEM front bumper shall be furnished at the front of the chassis. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? Y N 4.04 Rear Step Bumper A full width rear step bumper with integrated flip up rear stepping surface shall be installed on the rear of the vehicle. It shall be constructed of a sure grip material no less than 9" wide with machine punched holes to facilitate water and debris runoff. Corners are made of aluminum diamond plate. A 3" rubber bumper is bolted on each corner to protect the bumper. The structure is to be bolted to the chassis for easy replacement and adjustment. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? Y N 4.05 Fenderettes Formed fiberglass fenderettes shall be installed on the module body to prevent excess splash on the modular body. The bottom inside lip shall be screwed into L brackets while the side shall be fixed with dual face tape and/or clips. The fenderettes are to be sealed after installation. This method allows for universal replacement and ease of maintenance in this high impact area. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_\_ Does your proposal include an exception to this requirement? Y\_\_\_\_ N\_\_\_\_

Page 16 of 51

4.06	Front and Rear Corner Guards  Front and rear corner guards constructed of smooth stainless steel shall be corner extrusions and shall extend 30" from the bottom of the module. The shall serve as additional protection against stones and small debris.		
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
4.07	Rear Kick Panel  A full length rear aluminum diamond plate kick panel shall be installed beloand above the rear bumper. The kick panel shall serve as additional protect wear area of the vehicle. It shall be replaceable thus, not part of the module	ction in	
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
4.08	Cab Seal  The chassis and the module shall be bolted together through reinforce neoprene insertion will prevent cracking noise. The joint shall be sealed wit to prevent any water and air penetration.		
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
4.09	Ambulance Exterior DOT Lighting Fourteen (14) ICC LED lights shall be installed on the ambulance.		
	Five (5) amber ICC lights shall be installed on the front plane of the module center and two (2) in the corners. Two (2) amber ICC lights shall be installed planes of the ambulance, one (1) on each side towards the front.		
	Five (5) red ICC lights shall be installed on the rear plane of the module, center and two (2) in the corners. Two (2) red ICC light shall be installed or of the ambulance, one (1) on each side towards the rear.	three (in the side	3) in the le planes
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	N
4.10	Stop, Tail, Turn and Reverse Lights The stop, tail, turn and reverse lights shall be integrated into the module, stacdoor. They shall all be LED 4" round light with rubber bezel. Two (2) shall be red and two (2) shall be clear.	ked bes	ide each ber, two
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	N

4.11	Side Direction Lights Two (2) TRUCK LITE #60075Y direction lights shall be installed above fenderette, one (1) on each side. These lights shall be rubber flange moun conjunction with the turn signals.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	<b>N</b>
4.12	License plate holder The license plate shall be mounted with rubber spacers on the rear kick paright. It shall be LED lit.	nel, tow	ards the
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
4.13	Aluminum rub rails  The ambulance shall have anodized extruded aluminum rub rails. Rubbe spacers shall be used to protect the module and allow for easy replacement. plate will not be tolerated as it doesn't offer as much protection on impact.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?		

### DRIVERS' COMPARTMENT 5. 5.01 Reading Lamp Two (2) red/clear LED reading lamp shall be installed above the front seats to assist in night time vision. These lights shall be installed in the cab headliner and shall be switched from the light head. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_\_ Y\_\_\_\_ N\_\_\_\_ Does your proposal include an exception to this requirement? 5.02 Radio The radio shall be relocated below the emergency equipment panel. It shall be fully integrated in the OEM console. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_\_ Y\_\_\_\_ N\_\_\_\_ Does your proposal include an exception to this requirement? 5.03 Back-up camera The ambulance shall have a back-up camera with a minimum 5" display in the driver's compartment. It shall have a night vision mode to allow for clear viewing at night. It shall automatically switch the display when the vehicle is put in reverse. Does your bid comply with the specification as written? Y N Y \_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? 5.04 Hand spotlight The ambulance shall have a 400,000 CP hand spotlight in the front cabin. It shall be secured to the floor or wall with a thermoformed bracket. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_ Y N Does your proposal include an exception to this requirement? **MODULE** 6. 6.01 Body Dimensions The overall dimensions of the completed ambulance module shall be 151" long by 88" wide. The interior headroom shall be 68" from the floor to the ceiling. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_\_ Y \_ N\_\_\_ Does your proposal include an exception to this requirement? 6.02 Overall Construction

#### The distriction

The entire modular body shall be engineered to provide the highest possible structural integrity while maintaining the lowest possible overall weight. This method of engineered

construction shall provide an efficient ambulance design with greater usable payload, improved ride characteristics and greater maintenance intervals on brakes and suspension components.

The completed ambulance shall have no water leakage into the cab, compartments, patient compartment, or through any door seal, light seal, or pass through seal.

All welding performed on the fabricated ambulance shall be completed by a welder certified in their particular welding discipline. Manufacturers providing only certification of department supervisors or final inspectors shall not be acceptable and shall be cause for rejection. Certified welders are desired by the purchaser as this proves the welder has met the requirements to perform the task at a high level of quality and consistency. The manufacturer shall provide proof of the welder's certification upon the purchaser's request.

Holes and cut outs for lights and other components attached to the side of the ambulance shall be CNC and punched at the time of the module fabrication. Pre-cut holes and cut outs shall be painted to allow for complete coverage. When installation hardware is of dissimilar metals, an anti-corrosive electrolysis inhibitor spray in addition to a plastic well nut insert shall be installed to ensure no contact is made between the module body and hardware fastener.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N

#### 6.03 Roof Construction

The ambulance roof shall be of aluminum construction utilizing a customized formed roof extrusion, a roof structure and a single piece roof. The roof extrusion shall be constructed to integrate and accept the side wall tubes, side wall skin, roof skin and the roof structure. A drip rail shall also be integrated into this extrusion.

The roof tube structure shall be 1.5" x 2", variable thickness tubes made of 6061-T6 aluminum. The extruded tube structure shall incorporate a .125 thickness on the longitudinal side and a .070 thickness on the lateral side with four (4) 1/4" radiuses to allow better welding. 5052-H32 1/8" formed C-channel shall be welded to the roof structure in each area where additional equipment will be installed. The safety net reinforcement structure utilize the c-channel and an additional 1/4" 6061 T6 mounting plate welded inside the C-channel to provide the necessary strength to withstand the forces needed to keep the safety net secured.

The single sheet .090 5052-H32 roof shall be installed on the lip of the roof extrusion to allow the roof sheet to sit flush with the roof extrusion. The roof skin shall be attached to the roof structure using a chemical bonding agent. The roof skin and tubing surfaces shall be properly prepped and cleaned to accept this adhesive. The edges of the roof skin shall be fully welded and grinded to the roof extrusion to provide a single smooth paintable surface.

The module corner extrusions and the roof extrusions shall be constructed in a manner to properly fit without needing corner caps. Unwelded corner pieces allow for more torsion in the modular body and could compromise the structural integrity of the roof and corner construction.

The purchaser will not accept an untested prototypical build for the sole intent to comply with this requirement of the specification.

	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.04	Side Body Construction The side of the ambulance body structure shall be constructed of 1.5" x 2", values made of 6061-T6 aluminum. The extruded tube structure shall ince thickness on the longitudinal side and a .070 thickness on the lateral side with radiuses to allow better welding. Side tubes shall be placed at a minimum of Corner extrusions are welded to the side structure.	orporate th four (	e a .125 (4) 1/4''
	A one (1) piece CNC machined cut side wall made of .090" 5052-H32 alu chemically bonded to the side structure. The side wall and tubing surfaces s prepped and cleaned to accept this adhesive. This attachment method is prefer a side wall surface with no warpage as no heat transfer takes place as it would wall is welded. The side wall shall be inserted into the roof extrusion lip and extrusion on the back side.	hall be pred as it	properly t creates the side
	In areas where seating is going to be installed, the side wall shall have a mounting plate rail installed. It shall serve as a proper seat belt mounting po- additional reinforcement in the event of a side impact.		
	Alternative side wall construction methods not complying with the specifications can be presented and shall be detailed in the exceptions see proposal. Photographs and a detailed documentation of the process shall be bid specification. The purchaser will not accept prototype built mode construction methods used only to satisfy the detailed description of this specification.	ction of include els or i	this bid ed in the untested
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.05	Floor Construction The floor structure shall be constructed of 2" x 2" tubes made of 6061 Different thicknesses, .125" and .250", shall be used to maximize strength ensure maximum payload capacity while passing all required load testing, structure shall not be tolerated as an exception because it increases the loading	/weight A thick	ratio to
	In areas where seating or cot anchoring is going to be installed, the floor stru 1/2" 6061-T6 mounting plates installed.	cture sh	all have
	A one (1) piece CNC machined cut skin made of .063" 5052-H32 alunchemically bonded to the floor structure. The skin and tubing surfaces shapepped and cleaned to accept this adhesive.	ninum s nall be p	shall be properly
	A minimum .063 heat shield shall be installed under the floor and body structure additional protection against external heat generated by the exhaust system.	ture to :	serve as
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	37	D.T.

#### 6.06 Wheel Wells

An aluminum wheel well shall be incorporated into the under body structure. This wheel well shall be sealed to prevent water or debris from entering the module. The interior of the wheel well shall be insulated with foam to prevent noise caused from vibration and exterior road noise.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N

#### 6.07 Compartment Construction

The sides of the storage compartment shall be constructed of a minimum .063 machine formed aluminum diamond plate. The sides, top and bottom of interior compartment shall be formed and welded to ensure a secure, square fit. All outside edges of the compartment shall be sealed with weather proof sealer/inhibitor. The compartments shall be properly anchored and reinforced to the door jamb extrusions and the floor structure. The bottom of each compartment shall be constructed of smooth 6061 T6 .090" aluminum and shall have a punched drain hole to facilitate water drainage.

Ventilation shall be provided in the side and/or ceiling of the compartments to allow for adequate air movement when the door is closed. The upper portion of the compartment shall be machine louvered to ensure an even distribution of air escaping the compartment. This even distribution of air movement shall allow the door to close with minimal external force and shall allow it to seal properly against the door jamb extrusion. Air shall flow into the interior of the module via the space between the side wall and the cabinetry.

Exact exterior compartment sizes and dimensions shall conform to the drawings provided with this bid proposal and shall conform to the layout detailed at the beginning of this section.

The purchaser will not accept prototype built models or untested construction methods used only to satisfy the detailed description of this specification. Alternative construction methods shall be detailed in the exceptions section of this bid proposal. Photographs of this construction method shall be provided to allow for adequate comparison.

Does your bid comply with the specification as written?	<b>Y</b>	N_
Does your proposal include an exception to this requirement?	v	NI
boes your proposal include an exception to this requirement;	I	1.4

#### 6.08 Door Frame Construction

All exterior storage compartments shall be constructed of an extruded door frame structure and shall align flush with the side wall tubes and welded to the back of the door structure. The front of the extruded door shall not have any signs of welding as this causes distortion to the door and requires the use of bondo or body filler to create the illusion of a smooth surface. Holes for the door hinges shall be CNC machined into the jamb for exact fit when the door is installed. Extruded door jambs shall be sealed against the side wall skin. The extrusion shall be treated and adhered to the side skin to ensure debris and weather does not penetrate the extrusion area. This method is preferred as the extrusion attachments allow for an amount of necessary flex and torsion when the ambulance is in motion. This CNC machined method allows for the easy ordering and replacement of the door should it become damaged during the life of the ambulance.

#### 6.09 Door Construction

#### 6.09.1 General Construction

Each door shall be constructed from an extrusion that mates to the door jamb structure. Cut outs for the latches and hinges shall be machine cut and not manually hand cut or drilled out to ensure a consistent fit. The door extrusions shall be welded securely at the mitered edges and each corner shall have a reinforcement welded. The extrusion shall be designed such that the weather seal is placed ahead of the door latch to assist in keeping debris from getting into the latch. When closed, the door shall form a complete weather tight seal. A second formed rubber weather seal shall be installed on the door frame ensuring a durable weather seal for each compartment.

Adequate reinforcement shall be installed to ensure door rigidity and provide mounting locations for assist handles and/or other equipment.

The exterior door panel skin shall be constructed of one (1) piece .090 formed aluminum. The aluminum shall be engineered to wrap around the form door extrusion to create a complete aesthetically pleasing appearance without exposed seams. Exterior door panels shall be adhered to the extruded door structure with a chemical bonding adhesive. The completed exterior door shall be engineered to fit properly and square into the doorjamb extrusion.

Doors hinges shall be screwed through the pre-tapped door and door jamb extrusions. They shall be rust resistant piano hinges. Each door shall be equipped with an appropriate variable speed gas strut hold open to ensure a solid closure. Spring type hold opens are not desired due to their tendency to wear and break over time.

Does your bid comply with the specification as written?	Y	_ N
Does your proposal include an exception to this requirement?	Y	_ N
Exterior compartment door panels  Exterior compartment interior door panels shall be constructed of .0 aluminum. Holes for the door panel mounting shall be CNC cut to ensitinterior door panel shall reside in a small recess in the formed exterior do the door panel a flush fit. Access points shall be included on the door pamaintenance of the latching or door opening mechanisms. A low density shall be installed on the door structure as a dampening insulator from an occur.	ure a propoor extrusionel to allow open cell	er fit. The ion to give w for easy foam tape
Does your bid comply with the specification as written?	Y	_ N
Does your proposal include an exception to this requirement?	Y	_ N

#### 6.09.3 Access door panels

Access door interior panels shall be divided in three (3) sections, top, middle and lower. The top section shall me made of fiberglass. The recessed window section shall be covered by this trim. The lower section shall be made of stainless steel. The center section shall be made of powder coated aluminum. It shall cover the top and lower section joints via swags. The center sections must be removable for door handle maintenance without the need to remove any other components such as assist handles.

	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.10	Emergency Release Latch The side and rear access doors shall incorporate an emergency release late the bottom of the doors. This emergency device shall directly trigger the open position in the event the paddle handle becomes inoperative.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.11	Street Side Configuration		
	SI Compartment This compartment shall be located on the driver's side front of the module the cab. This compartment shall be used for the storage of the oxygen cylin to be provided by a Whelen 4" LED light.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.12	Street Side Configuration		
	S2 Compartment This compartment shall be located on the driver's side center of the module access to the electrical system via hinged aluminum door with handle. The this compartment shall be used for the storage of two (2) conversion batteric tray. Lighting is to be provided by a Whelen 4" LED light.	low <mark>er</mark> se	ction of
	Does your bid comply with the specification as written?	Y	N
6.13	Street Side Configuration		
	S3 Compartment This compartment shall be located on the driver's side rear of the module interior/exterior access via sliding acrylic doors. The lower section of this compartment storage. Lighting is to be provided by a Whelen 4" LED	mpartme	ll allow ent shall
	Does your bid comply with the specification as written?	Y	N
5.14	Curb Side Configuration		
	Cl Access Door Forward design		

A side access door shall be located at curbside forward. This full height door forward design shall allow for entering and exiting the module patient compartment. This door forward design shall have a fixed automotive style window as specified in the window section of this specification.

	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
	C2 Compartment This compartment shall be located on the curbside rear section of the modul to provide interior and exterior access to the ALS compartment bags, bushelves. Lighting is to be provided by LED strip lights.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.15	Rear configuration		
	Al and A2 Access Doors  This is the rear access doors for patient loading. Each door shall have fixed a tinted window as specified in the windows section. The doors shall be built ratio on size to allow for increased entry on the passenger side door.		~
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.16	Automotive Style Access Door Windows Automotive style tinted windows shall be installed in the access doors. It exposed extruded trim rings on the outside or the inside. The window shall be to the door and held in place with automotive adhesive in its recessed we Window designs with an extruded or exposed trim ring are not desired due to sealing. The window glass shall be tempered automotive quality with a dark	e install indow h the inco	led flush housing.
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
6.17	Body Mounting The module body shall be installed using the OEM rubber puck mounts secuthe bottom to allow for ease of removal should the vehicle be remounted. The shall be mounted in 10 locations, five (5) on each side of the chassis fra supplied automotive style rubber puck mounts shall be bolted through ½" 600 structure plates to serve as reinforcement points of the bottom of the mount provide a solid single surface piece to absorb the natural torsion as the vehic ("body roll").	he modu ame rails 61 T6 alu dule as	ile body s. OEM uminum well as
	A frame extension shall be added and serve as a mounting point for the rear	bumper	`.
	The body shall be mounted in such a manner as to allow the lowest possible	load he	ight.
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an expension to this requirement?	<b>1</b> 7	TAY.

#### 6.18 Insulation

The module shall be insulated with a vermin and mildew proof reflective faced insulation with a hard compressed fiberglass back. This insulation shall be used in all areas of the module including the sidewalls, doors and roof. Reflective faced compressed fiberglass insulation is recommended due to its nature not to settle over time and the ability to block outside noise. Other insulating methods may be documented and submitted. In accordance to the KKK-A-1822F Federal Ambulance Specifications and the forthcoming edition of NFPA 1917 Standard for Automotive Ambulance requirements, all insulations shall be non-settling type, vermin-proof, mildew-proof, fire retardant, non-toxic, and non-hygroscopic.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N

#### PATIENT COMPARTMENT

#### 7.01 Construction General Guidelines

The interior of the ambulance shall be constructed in such a way that is free of sharp edges. All interior surfaces shall be easy to clean, impervious to soap, water, body fluids, disinfectants and shall be mildew resistant Wall surfaces shall be a CNC cut non-wood, fiberglass or aluminum matching the interior color of the module.

Trim pieces adjoining multiple wall surfaces are not preferred by the purchaser as this adds another crevice to keep clean and could become an unnecessary source of penetration for debris or liquids to enter. Trim molding can also contain sharp edges on the corners and could be a potential hazard.

All components installed in the ceiling shall be mounted as flush as possible and shall not protrude any further than 1/2" from the ceiling, except for the grab rails. Surface mounted components on the wall shall comply with head protection requirements and shall incorporate a protective shield or covering.

All upholstered seating surfaces shall be thermoformed and shall have no exposed stitching.

	Head pads and vinyl trim areas which are not seating areas shall be cust wrapped polyurethane foam with a hard surface backing material.	omized	with vinyl
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
7.02	Floor The floor shall be constructed of ¾" marine grade 7-ply plywood and shall and width of the patient compartment. Where additional sections of plywo sections shall utilize lap joint construction to maintain a continuous lay eliminate the possibility of gaps or cracking. It shall be bonded to the also screwed only where there are beams or plates. Screws only through the a not be tolerated as this presents a potential injury risk and add close to not integrity. Holes in the floor for patient handling options shall be CNC maximum precision.	ood are no y of the uminum luminum value to	eeded, the floor and panel and skin will the floor
	Does your bid comply with the specification as written?	Y	_ N
	Does your proposal include an exception to this requirement?	Y	_ N
7.03	Floor Covering Lonseal Lonplate II Gunmetal flooring shall be installed in the complete non-slip floor covering shall be rolled at least 3" up both sides of the pat This floor shall be rolled on the covered floor extrusion and shall be adhe of the floor cover giving a tight secure fit that will not bubble or prematur shall be a one (1) seamless piece and shall be able to be cleaned without he special or potentially harmful cleaning agents. This roll up floor shall cover and width of the compartment's working area. Areas in the floor where	ient comered at every tear.  aving to er the ent	partment. very point The floor purchase tire length

Y\_\_\_\_ N\_\_\_\_

floor meet shall be sealed to prevent any blood borne pathogens from entering.

Does your bid comply with the specification as written?

Does your proposal include an exception to this requ	auirement?
--	------------

Y	N

#### 7.04 Cabinets

All cabinet structure, cabinet doors, shelves and openings described here shall be manufactured in fiberglass and/or aluminum. Over time, wood products tend to warp, distort and shrink creating potential for premature structural wear. The purchaser prefers aluminum construction for its resiliency to harsh environments and cleaners as well as its lightweight size and overall strength.

The overall cabinet structure shall consist of interlocking extrusions. Extruded frame work shall provide the structural integrity of the cabinets as well as creating the individual cabinet sections. These extrusions shall be custom fit and CNC cut to form the particular cabinet configuration. All cabinet extrusions shall incorporate a rounded edge to give an aesthetically pleasing appearance as well as providing a smooth, safe surface for the crew member. Mitered box framed cabinetry will not be accepted as a mitered corner produces sharp edges and potential gaps. Each interlocking extrusion joint shall be attached by two (2) hex machine bolt into the extrusion via a tap and die holes. These fasteners shall lock the cabinet frame structure into place and shall prevent the cabinet sections from twisting. Cabinet inserts shall be placed on the lip of the extrusion and shall be fixed with an adhesive as well as mechanically fastened into position. This structure alone shall resist to the pull test, the structural integrity of the cabinetry is not reliant on the interior storage cavity.

Unless specified for a particular purpose, all interior cabinets shall be constructed of preformed fiberglass inserts. Cabinets designed for a particular purpose may be constructed of formed aluminum depending on the application. All cabinets shall be equipped to accept removable adjustable shelves.

All cabinets shall be easy to clean, impervious to soap, water, body fluids, and disinfectants and shall be mildew resistant.

Cabinets with sliding windows shall have a transparent window and window track felt installed in the dedicated channels of the cabinet extrusion. The cabinet windows shall be made of 3/16" Lexan and shall incorporate a full length plastic handle.

Drawers shall be constructed of formed smooth powder coated .063" aluminum. These drawers shall be uniform in size for ease of replacement should the need arise. The drawer should be track mounted and have a self-locking stop to prevent opening past a safe designated point. All drawer faces shall be constructed in an overlapping style to ensure a consistent tight fit over the drawer opening. Handles for the drawer shall be positive catch stainless steel pull latch.

The purchaser will not accept prototype built models or untested construction methods used only to satisfy the detailed description of this specification. Alternative construction methods shall be detailed in the exceptions section of this bid proposal. Photographs of this construction method shall be provided to allow for adequate comparison. Testing documents of the exact layout shall be provided.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Υ.	N

The street side cabinetry layout shall consist of the following cabinetry:

There shall be a full medical cabinet wall consisting of three (3) upper streetside cabinets and two (2) lower streetside cabinets. All shall have extruded aluminum flip up restocking frames with led strip lighting included.

- Upper rear: 40.25 x 14.75" x 16.25"
  Upper center: 34.25 x 14.75" x 16.25"
  Upper forward: 35.25" x 14.75" x 10"
- Lower rear: 40.25" x 17.75" x 16.25" - Lower center: 34.25" x 17.75" x 16.25"

The exact cabinetry layout shall match the drawings specified in this bid proposal.

	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.06	ALS auxiliary jump seat  There shall be a rear facing jump seat. This seat shall retract automatically. The backreshall be contoured and include lumbar support for comfort and fatigue resistance. The confort cushion and backrest shall match the interior vinyl cushions.		
	ALS cabinet layout and dimensions shall match the drawings included in this	s bid pr	oposal.
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.07	Bulkhead with Sliding Window The ambulance shall be equipped with an aluminium bulkhead wall partit positioned between the driver and the patient's compartment, towards the enough space to recline the front seats. A sliding window shall be installed attendant seat, between the ALS compartment and the medical cabinet.	front, a	llowing
	Does your bid comply with the specification as written?	Y	N

#### 7.08 Curbside captain seat

In lieu of a squad bench, an EVS thermoformed three-point safety belt seat shall be installed. The seat shall be able to slide towards the patient as well as from the knees towards the head. It shall also rotate.

Y\_\_\_ N\_\_

Does your proposal include an exception to this requirement?

A cabinet will be installed towards the front of this area. It shall include a trash/bio hazard compartment, a drawer and an auxiliary control panel for all module functions. The top of that cabinet will be the location to mount the patient cardiac monitor.

The overhead protector will include provisions to store a glove box accessible to the attendant while remaining belted to the seat.

The purchaser will not accept prototype built models or untested construction methods used only to satisfy the detailed description of this specification. Alternative construction methods shall be detailed in the exceptions section of this bid proposal. Photographs of this construction method shall be provided to allow for adequate comparison. Testing documents of the exact seat configuration, installed in the same module, shall be provided.

Design and layout of this seat must still accommodate a second patient secured on a long spine board.

	Layout and dimensions shall match the drawings included in this bid proposal.		
	Does your bid comply with the specification as written?	Y	N
7.09	Attendant's Seat with Child Safety Device  An automotive style thermoformed seamless attendant's seat shall be installed at the head the cot. The attendant's seat shall have a three-point seatbelt. The attendant shall have from to back travel feature with incrementally locking stages. An integrated fold down 5-poschild safety seat shall be incorporated into this seat. The child seat shall meet and exceed testing requirements. This seat shall only have the ability to swivel 180 degrees due to the child restraint device.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.10	One (1) 60" overhead Grab Rail One (1) 60" overhead safety yellow grab rail shall be mounted in the patient compartment ceiling. The grab rail shall be securely fastened to the roof structure in the patient compartment ceiling at each mounting location. The grab rail shall be at least 1" in diameter.  Two (2) additional soft grab handles shall be added into the ceiling to provide holding mean		
	for a paramedic.  Does your bid comply with the specification as written?	V	N
	Does your proposal include an exception to this requirement?		N N
7.11	Door Mounted Safety Yellow Handrails  Three safety yellow powder coated steel handrails shall be installed at the side and rear access doors to allow ease of entry into the patient compartment. The hand rails shall be 90 degree "L" shaped 16" x 16". These handles shall be designed to give the person(s) exiting and entering the patient compartment multiple points of contact to maintain safe entry and exit of the vehicle. The access handrails shall be installed on the top and lower interior door panels through mounting plates in the door extrusions. Hand rails attached through the door panel only are not accepted as they have a tendency to pull loose after an extended period of time. They should not need to be removed for handle and locking mechanism lubrication.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N

	Three (3) additional 12" YELLOW SAFETY handrails shall be mounted compartment, one (1) each side of the rear access door and one (1) right of some standard grab handles shall be positioned in a location that is easy to grip when entering the vehicle.	side acce	ess door.
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.13	IV Holder Two (2) recessed mounted IV hangers specifically designed for holding IV be installed, including hook and loop straps to adequately secure an IV ba holder shall recess into the ceiling creating minimal protrusion into the patie when not in use.	g/bottle.	The IV
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.14	14 Digital Clock  A digital clock shall be installed in the patient compartment rear door header. It shall disperse seconds and be flush mounted in the protector above the rear doors. There shall be indicator for step and integrated driver intention lighting turn signals and flashers to programmed to engage with chassis turns.		l be led
	Does your bid comply with the specification as written?	Y	N
7.15	Rear Radio Speakers  A pair of rear radio speakers shall be installed in an upper portion of the patie in an area not interfering with patient care. The speakers shall be controlled volume control on the action area wall.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.16	Patient Cot Retention The floor of the patient compartment shall be designed to equip with Stryk cot fastener shall be securely bolted through tapped ½" 6061-T6 aluminur plates. Backer plates that are not integral to the floor structure shall not be these may have a tendency to vibrate loose over time. A stretcher safety installed.	n reinfo	rcement ed as of
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.17	Restocking Cabinets  Flip up style restocking cabinets shall be installed on all of the street  Restocking cabinet shall be constructed of interlocking extrusions small		

7.12 Additional Handrails

structure extrusion but of matching style, color and material. A piano style hinge shall be securely fastened to the top of the cabinet structure. Two (2) gas struts, one (1) on each side, shall be installed on the side of the cabinet to lift the cabinet's face when the latch is released. The bottom lip of the cavity shall be cover with a door stopper on which a neoprene strip is applied to eliminate vibrations of the flip up.

	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.18	7.18 Cabinet Lighting  Each interior cavity shall contain dual LED rope light located on each side, whe not interfere with the overall use of the cabinet. The LED cabinet lights shall be via a switch in the rear switch panel.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
A woven nylon seatbelt style safety net shall be installed towards the font of the curb cabinet area to serve as an additional safety barrier. The net shall be secured to the cei the floor and the curbside wall of the module. Each attachment point shall be bolted reinforcement structure strong enough to meet required testing. The net shall be interwant designed to decrease the force of an object when the vehicle comes to an abrupt ha			ceiling, ted to a rwoven
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
7.20	Fire Extinguisher The ambulance shall have two (2) 5 lbs ABC fire extinguishers with more Exact location TBD.	anting b	rackets.
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
8.	HVAC		

#### 8.01 General

The patient compartment HVAC system shall be controlled by the driver or the patient compartment attendant via the multiplex touch pad or touch screen located in the front console or the rear switch panel.

The patient compartment temperature shall be monitored by a thermostat incorporated in the multiplexing electrical system. Additional to the three (3) preprogrammed speeds, an automatic mode shall be able to decide between heating, cooling and fan speed in function of the set temperature versus the patient compartment temperature.

In order to achieve maximum efficiency and optimization of this system, the fans' speed shall be optimized via Pulse Width Modulation (PWM) to allow the heating and cooling system to run at its most effective speed.

Adequate room for hose connections and hose lines shall be provided when installing HVAC components. The hoses shall be protected and insulated to optimize performance and longevity. They shall also be clamped every 18" and routed without sharp bends and kinks.

	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
8.02	Heating The heating unit shall be installed in the patient compartment in a location side cabinet. The heated air shall blow from below the side wall and just a floor in a cabinet full length vent. This ventilation system shall blow heat be immediately and circulate upward, also creating a radiator effect as the heat side wall. The interior ducting shall be designed such that debris or liquids contains the state of th	bove the elow the ed air wa	e roll up e patient arms the
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
8.03	Air Conditioning The air conditioning unit shall be installed in the patient compartment ab compartment. It shall be accessible by removing the partition ceiling protect		oxygen
	Five (5) universally adjustable vents with manual closures shall be installed side cabinet in a padded diffuser and shall project at a downward angle to and crew. The air shall be divided through one single duct.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
8.04	Ventilation One (1) exhaust fan shall be installed. This fan shall allow adequate air exchange within cab and patient compartment while parked or in motion. The exhaust fan shall be controlled by the multiplexing electrical system and shall operate on three (3) speeds (Low, Medium and High). The exhaust vent shall exit from the curb side of the vehicle.		
	Does your bid comply with the specification as written?	Y	N
	Does your proposal include an exception to this requirement?	Y	N
9.	BATTERY SYSTEM MULTIPLEX AND WIRING		

#### 9.01 Overview

A 12VDC electrical system shall be added in junction with the OEM system. They shall be ISOLATED from each other, yet they still exchange data. This is achieved by using a multiplex system in combination with a CAN BUS connectivity between the two (2) systems.

It reduces the number of wires in the harness, thus reduces the number of welds and connections. Using programmable solid state devices allows for easy updating and customizing of the vehicle without needing to add relays or modify the wiring system, even at a later stage while the vehicle is in the field. Printed circuit board or, so called "hardwired" electrical systems, shall not be acceptable.

The ambulance manufacturer shall have significant experience in installing multiplex and electrical systems. The purchaser is not interested in prototypical or logical systems that are untested or unproven by the ambulance manufacturer. The multiplex system specified here shall be fully developed, tested, in service for at least 10 years and shall be installed on at least 1000 units. Documentation of electrical systems installed and in-service shall be provided at the purchaser's request.

provided at the purchaser's request.	01 1100	Silaii oc
Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N
Electronic Controller Units (ECU)  Multiplexing electrical system shall consist of solid state electronic controller in the electrical control panel. Electronic controller units shall act communications system for the entire electrical system. These electrical controller command all electrical components installed by the ambulance manufacture in the patient compartment. Each electronic controller unit shall be self-diagn to-read LED. A CD of the programing and the electrical schematics as a printed schematics of all components and wiring shall be provided with ambulance.	as the roller un or in the ostic way	central nits shall cab and ith easy- detailed
All Electronic controller units shall be sealed in a weatherproof exterior cas main control panel shall be coated in weather resistant from the factory controller units shall be installed in electrical control panel compartment location.	. All el	ectronic
Electronic controller units shall be programmed using already establish communication language. Electronic controller units shall be programmed to and receive signals in the SAE J1939 protocol via the CAN BUS connected system is preferred to allow for future expansion and. No auxiliary printed circuit breakers or relays shall be needed in future expansion or to assist in the of standard electrical components.	o comnon. This	nunicate type of boards,
Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N

#### 9.03 Serviceability

9.02

The ambulance multiplexing electrical system shall be designed to be maintained and serviced easily. In the unlikely event of an electrical problem, the ambulance's electrical system shall be able to be connected remotely to the Internet and shall be able to be diagnosed or reprogrammed by a service technician at the ambulance manufacturer's main facility. This multiplex electrical system shall be proven to be virtually maintenance free. A failure (warranty) rate of less than 1% is required because this agency wishes to purchase an ambulance with the utmost reliability in service. Documentation of warranty claims relating to the electrical system shall be provided to the purchaser upon request.

	Does your bid comply with the specification as written?								
	Does your proposal include an exception to this requirement?	Y	N						
9.04	All wiring for the electrical systems shall be stranded copper or copper alloy conductors of a gauge rated to carry 125% of the maximum current for which the circuit is protected. Voltage drops in all wiring from the power source to the component shall not exceed 10%. All circuits shall be wired in conformance with SAE J1292, Automobile, Truck, Truck-Tractor, Trailer, and Motor Coach Wiring. None of the ambulances electrical wiring and components shall terminate or originate in the oxygen storage compartment except for the oxygen flow control solenoid, compartment light, and switch plunger or trigger device.								
	Does your bid comply with the specification as written?	Y	N						
	Does your proposal include an exception to this requirement?	Y	N						
9.05	O5 Wiring Harness  The ambulance wiring harnesses shall be a continuous run to each electrical component. The ambulance wiring shall contain no splices in the main wiring harness. The terminals connectors of each end shall be machine crimped. Hand crimped electrical connectors not permitted by the purchaser as they have been proven to be prone to premature fail and/or irregularities.								
	All ambulance wiring harnesses shall be enclosed in a plastic loom. This loom shall run from the electronic controller units to each specified electrical component. Instances where conduit must travel through a tube structure, a rubber grommet shall be placed in the hole to prevent premature wear of the plastic loom and/or wiring. All wiring harnesses shall be secured to the roof and walls tube structures with insulated clamping fasteners.								
	The overall covering of jacketed cables shall be moisture resistant and has continuous temperature rating of 194°F (90°C), except for cable installar wiring may be exposed to higher temperatures. All wiring connections and to use a method that provides a positive standard connection. Wiring conteminations shall be installed in accordance with the device manufacture Wire nut, insulation displacement, and insulation piercing connections shall	tions whermination onnection on the connection of the connection o	nere the ons shall ons and uctions.						
	All connections to the electrical components shall include a minimum 6" swiring connections shall utilize easy plug in style connectors.	ervice lo	oop. All						
	Does your bid comply with the specification as written?	Y	N						
	Does your proposal include an exception to this requirement?	Y	N						
9.06	Wiring Identification All wiring shall be identified every 6" at a minimum. The wiring identification the position on the electronic controller unit for easy maintenance and dia identification shall be clearly visible and shall be printed on the insulated we will be allowed.	ignosis.	Wiring						
	Does your bid comply with the specification as written? Page 35 of 51	Y	N						

	Does your proposal include an exception to this requirement?	Y	N						
9.07									
	Does your bid comply with the specification as written?	Y	N						
	Does your proposal include an exception to this requirement?	Y	N						
9.08	Wiring Schematics The complete set of wiring schematics shall clearly identify all wiring locatio component connection. A sample document shall be available to the purchas examine the quality of the electrical schematic. All instances of wiring not constandards established in this document shall be documented at the time of Failure to comply with this requirement shall be cause for rejection of the present the standards are comply with the requirement shall be cause for rejection of the present the standards are comply with this requirement shall be cause for rejection of the present the standards are comply with this requirement shall be cause for rejection of the present the standards are comply with this requirement shall be cause for rejection of the present the standards are comply as the standards	er on re informir of the p	quest to						
	Does your bid comply with the specification as written?	Y	N						
	Does your proposal include an exception to this requirement?	Y	N						
9.09	Electric Panel The electrical panel shall be located underneath the front passenger seat. It addition to the ECUs all block fuses and other electronic devices. All componentralized in that location for ease of maintenance and diagnosis.								
	For future upgradability, one (1) extra 15 amp 12VDC circuit breaker shall shall be wired and shall be ready for a future programmable function with the electrical system.								
	Does your bid comply with the specification as written?	Y	N						
	Does your proposal include an exception to this requirement?	Y	N						
9.10	Grounding Dedicated grounding locations for all appliances, circuits, etc. shall be supplied. Appliance mounting screws/hardware shall not be used for grounding purposes, nor shall the body of the ambulance be used as a ground location. Star washers or unapproved, untested grounding methods shall not be used.								
	OEM grounds shall not be used as grounding location for the conversion circuits.								
	Does your bid comply with the specification as written?	Y	N						
	Does your proposal include an exception to this requirement?	Y	N						
9.11	Switching Requirements								

	Does your proposal include an exception to this requirement?  Page 37 of 51	Y	N			
	Does your bid comply with the specification as written?		N			
	All wiring shall be rated to handle the load of the electrical component specified. T 110VAC and 12VDC wiring and associated equipment shall be tested by the ambulan manufacturer prior to delivery. The testing criteria shall include polarity and load demand all receptacles to verify that all wiring connections have been properly made.					
10.01	Overview The completed ambulance shall be equipped with two (2) forms of internal 120VAC & 12VDC. These internal power sources shall allow attendants in to plug in additional accessories or to charge battery powered devices when	the am	bulance			
10.	110 VAC & 12 VDC electrical system and inverter					
	Does your proposal include an exception to this requirement?	Y	N			
	Does your bid comply with the specification as written?	Y	N			
9.14	Batteries There shall be two (2) OEM batteries. These batteries shall be linked togeth controlled relay.	ier via a	an OEM			
	Does your proposal include an exception to this requirement?	Y	N			
	Does your bid comply with the specification as written?	Y	N			
9.13	Load Management The multiplexing electrical system shall be programmed to automatically she should the electrical output rating of the installed alternator drop below voltage level. Electrical components shall shed in order of priority. management systems or load management systems not programmable considered as the purchaser requires this electrical system to be flexible and	a prog Extern shall	rammed al load not be			
	Does your proposal include an exception to this requirement?	Y	N			
	Does your bid comply with the specification as written?	Y	N			
9.12	Voltage Alarm The multiplex system shall incorporate an audible voltage warning should the at the battery or at the master load disconnect switch drops below 11.8VD0 of 120 seconds for 12VDC nominal systems.					
	Does your proposal include an exception to this requirement?	Y	N			
	Does your bid comply with the specification as written?	Y	N			
	Switches, relays, terminals, and connectors shall have a direct current (DC) of maximum current for which the circuit is protected.	rating o	of 125%			

#### 10.02 12VDC Outlets

All 12VDC power point outlets specified here shall be properly tested and shall be protected with a Schottky-style diode to isolate the medical equipment batteries from other loads. The diode shall be located in the electrical panel and shall be wired to the conversion batteries. It shall be designed to handle voltage of at least 48VDC. All wiring to the 12VDC outlets shall be clearly labeled and shall be one (1) continuous run from the diode to the outlet.

The ambulance shall be equipped with at least two (2) 12VDC "power point" style outlets. These outlets shall be breaker protected. They shall be energized when the module master switch is activated.

	switch is activated.	module	, master				
	One (1) shall be installed on the street side of the vehicle towards the patient One (1) shall be installed on the street side of the vehicle in the cardiac mon						
	Does your bid comply with the specification as written?	Y	N				
	Does your proposal include an exception to this requirement?	Y	N				
10.03	110VAC Outlets 110VAC outlets shall be energized from the shoreline and/or from the inverter if equipped. All 110VAC outlets shall be UL certified, Nema 5-15, clearly identified on the unit, rated to 60Hz and have a pilot light when powered. A 110VAC GFCI shall be installed beyond the shoreline and shall disable all 110VAC outlets when tripped. The GFCI shall be located in the rear attendant console for ease of consulting and/or resetting if needed.						
	The ambulance shall be equipped with at least three (3) 110VAC 60Hz out be energized when the module master switch is activated or the shoreline plant.		ey shall				
	One (1) shall be installed on the street side of the vehicle towards the patient's head.  One (1) shall be installed on the street side of the vehicle in the cardiac monitor location.  One (1) shall be installed on the curb side of the vehicle in the rear kit tree.						
	Does your bid comply with the specification as written?	Y	N				
	Does your proposal include an exception to this requirement?	Y	N				
10.04	A 15 amp shoreline shall be installed on the driver's side of the vehicle. The shoreline shall be a yellow Kussmaul Auto Eject with sealed casing. When the shoreline is plugged into a exterior source, all 110VAC 60Hz outlets shall be energized. The shoreline shall be recessed into the vehicle and shall include a weather proof low profile cover and a power indicated light.						
	Does your bid comply with the specification as written?	Y	N				
	Does your proposal include an exception to this requirement?	Y	N				

#### 11. CONSOLES

#### 11.01 General

Controls and switches that are expected to be operated by the belted attendant while the ambulance is in motion shall be visible and within reach. Switches shall be located in such a position that the driver does not have to unbuckle to activate or read the control switches while the ambulance is in motion.

Switches, indicators, and control devices shall be perceptively and permanently identified with universal automotive graphics or at least 12 point letters for the noun or function, and 8 point letters for the remainder of the legend.

For ease of identification, the controls and switches shall be contrasting colors etched or engraved in plastic or metal, or printed and laminated in see through plastic, and logically grouped according to function. The switches shall have a different feel from the OEM switches. All switches and controls detailed here shall be properly LED illuminated for night driving.

Every switch shall incorporate a confirmation LED connected to the device or circuit that is activated. Confirmation lights wired directly to the switch shall not be tolerated as it doesn't confirm that the output activated, only that the switch is activated.

Does your bid comply with the specification as written?	Y	N
Does your proposal include an exception to this requirement?	Y	N

#### 11.02 Front Console

The completed ambulance shall have a front console integrated in the OEM dashboard. It shall include all controls and switches to operate all necessary emergency or mission critical functions such as:

- 1. Master switch (lockable)
- 2. Primary/Secondary emergency lighting
- 3. Side scene and rear load lights
- 4. Alarm cutoff for patient indicator and back up alarm
- 5. Wig Wag headlights (where applicable)
- 6. Optional lighting activation (lightbars, additional warning lights, etc.)
- 7. Rear heat and AC controls with digital interior temperature display
- 8. Patient compartment lighting
- 9. Patient compartment exhaust
- 10. Door open indicator
- 11. Digital Ammeter/Volt Meter Display

The detail above describes the minimum features the front console display shall activate. All switches shall be wired to a multiplex node located in the front console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires and connections. The master switch shall be lockable in the "ON" position to ensure that the power shall not be inadvertently cut.

Switch panels or displays requiring the operator to move their line of sight up or down is not permitted as this movement is not a natural line of sight movement for the driver and will take his or her focus off of the road. The radio shall be moved below the dash, integrated into the OEM console. It shall be placed out of the line of sight as it not an emergency function.

	Does your bid comply with the specification as written?	Y	N								
	Does your proposal include an exception to this requirement?	Y	N								
11.03	3 Rear Console  The completed ambulance shall have a rear action area console. It shall include all control and switches to operate all necessary emergency or mission critical functions such as:										
	<ol> <li>Rear heat and AC controls with digital interior temperature display</li> <li>Patient compartment lights, bank 1</li> <li>Patient compartment lights, bank 2</li> <li>Action area reading light</li> <li>Cabinet lights</li> <li>Suction pump</li> <li>Patient compartment exhaust</li> <li>Patient status indicator (intercodes, red, yellow, green)</li> </ol>										
	Switches shall be easily cleaned and sanitized.										
	The detail above describes the minimum features the rear console shall activate. All switches shall be wired to a multiplex node located in the rear console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires.										
	Does your bid comply with the specification as written?	Y	N								
	Does your proposal include an exception to this requirement?	Y	N								
11.04	Front Console Indicator Lights The front console shall integrate the following indicators:										
	<ol> <li>Patient Status Indicator Lights (intercodes): The Red/Amber/Green patient indicato lights shall be integrated on the front console. An audible alarm shall sound when any state is activated from the patient compartment. The alarm shall be cancelled by the Alarm Cancel / Mute switch.</li> <li>Door Ajar Indicator: This shall illuminate when an entry door is opened. An audible alarm shall sound when this indicator light is flashing.</li> <li>Compartment Ajar Indicator Light: This shall illuminate with any compartment doo is opened. An audible alarm shall sound when this indicator light is flashing.</li> <li>AUX Indicator: This light is available for future option integration.</li> </ol>										
	Does your bid comply with the specification as written?	Y	N								
	Does your proposal include an exception to this requirement?	Y	N								
11.05	Heat/AC Controls  The rear HVAC system shall be able to be controlled from the action area a touch pad or touch screen. It shall integrate functions to roise and loss touch specific process.										

# 11

touch pad or touch screen. It shall integrate functions to raise and lower the patient compartment temperature and to control the fan speed. Speed available shall be off, 1, 2, 3 and automatic mode. There shall be a digital display for the patient compartment temperature, the set temperature, the fan speed, as well as the ambient temperature information. If equipped with the touch pad, two (2) auxiliary or more buttons shall be

	in the front console and one (1) in the rear console, shall be part of the multiplex system are also act as nodes.					
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
11.06	Hour meter A digital engine hour meter shall be integrated in the front console.					
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
12.	EMERGENCY AND TASK LIGHTING					
12.01	Each ambulance shall have a system of optical warning devices as specified. The visual warning system on the ambulance shall have two (2) disting sequences during emergency operation. These shall be defined in this Primary and Secondary. The Primary mode shall signal to drivers and ped ambulance is responding to an emergency and is calling for the right-of-way mode shall indicate that the ambulance is stopped and is blocking the right-the bidder shall comply where specific vendor and model numbers are delights are purchased from a common vendor and can be purchased by all materials.	specific specific lestrians . The Se of-way.	rammed ation as that the econdary as these			
	Does your bid comply with the specification as written?		N			
	Does your proposal include an exception to this requirement?		N			
12.02	Flash Rate Flash patterns shall be easily programmable through the multiplexing elect all emergency lighting. External flasher units are not preferred, nor lights pr a specific flash pattern.					
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
12.03	Front Plane Lights – Five (5) 900 Series LED Five (5) Whelen 900 series LED lights with chrome bezels shall be instal plane. The lighting shall include a mix of four (4) red and one (1) clear light shall flash in an alternating pattern where all red lights flashes together first clear light.	nts. The	se lights			
	These lights shall flash in a pattern programmed by the multiplexing electric	cal syste	em.			
	Does your bid comply with the specification as written?	Y	N			

available for future expansion if needed. These touch pads or touch screens, at least one (1)

	Does your proposal include an exception to this requirement?	Y	N			
12.04	Wig Wags The OEM high beams lights shall act as Wig Wag emergency lights.					
	These lights shall flash in a pattern programmed by the multiplexing electric	al syster	m.			
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
12.05	Grille Lights Two (2) red Whelen 700 Series LED lights shall be installed in the front gril	le.				
	These lights shall flash in a pattern programmed by the multiplexing electric	al syster	n.			
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
12.06	Front Intersection Lights Two (2) Whelen 700 Series LED clear/red lights with chrome bezels shall be installed on the fenders of the chassis. These lights shall be located in a forward position to provide adequate visibility at an intersection. The clear portion shall be continuously light when the turn signal is activated.					
	These lights shall flash in a pattern programmed by the multiplexing electric	al syster	n.			
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
12.07	Side Warning Lights Four (4) Whelen 900 Series LED red warning lights shall be installed on the side plane of the ambulance, two (2) each side.					
	These lights shall flash in a pattern programmed by the multiplexing electric	al syster	n.			
	Does your bid comply with the specification as written?	Y	N			
	Does your proposal include an exception to this requirement?	Y	N			
12.08	Rear Warning Lights Two (2) Whelen 900 Series LED red warning lights shall be installed on the rear outer plane of the ambulance, one (1) in each corner. Two (2) Whelen 600 Series LED amber warning lights shall be installed above the rear doors and one (1) Whelen 600 series LED red centered above rear doors.					
	These lights shall flash in a pattern programmed by the multiplexing electric	al systen	n.			
	Does your bid comply with the specification as written?	Y	N			

12.09	Scene Lighting Four (4) Whelen 900 Series LED scene lights shall be installed on the side planes of the ambulance. The scene lights shall project at a downward angle to allow for adequate lighting of the area surrounding the sides of the ambulance.							
	They shall be controlled independently for each side by a switch in the front console. The curbside scene lights shall also be activated when the side entry door is opened. This feat can be cancelled by pressing one (1) second on the door switch. Three (3) position switch not tolerated as the signal for the open door is cancelled when the switch is pulled in the the position, which could lead to a safety issue. Adding a second switch is also not tolerated it adds unnecessary wiring and components.							
	Does your bid comply with the specification as written?	Y	N					
	Does your proposal include an exception to this requirement?	Y	N					
12.10	2.10 Load Lights  Two (2) Whelen 600 Series LED load lights with chrome bezels shall be installed on the plane of the ambulance, above the rear doors. The load lights shall project at a downwangle to allow for adequate lighting of the area surrounding the rear of the ambulance.							
	They shall be controlled by a switch in the front console. The lights shall all when the rear entry door is opened. This feature can be cancelled by pressing on the door switch. Three (3) position switch is not tolerated as the signal for is cancelled when the switch is pulled in the third position, which could lead to Adding a second switch is also not tolerated as it adds unnecessary wiring an	one (1) or the op o a safe	second en door ty issue.					
	Does your bid comply with the specification as written?	Y	N					
	Does your proposal include an exception to this requirement?	Y	N					
12.11	2.11 Patient Compartment Illumination Eight (8) Whelen round LED dome lights shall be installed in the ceiling of the pat compartment. The LED lights shall be controlled via switches on the rear control panel. It (4) LED lights of the patient compartment curbside shall be illuminated when the pat compartment entry doors are opened. See section 15.13 for color requirements.							
	Does your bid comply with the specification as written?	Y	N					
	Does your proposal include an exception to this requirement?	Y	N					
	Patient Compartment Timer  An automatic digital timer shall be integrated into the rear consol. Four (4) Ll patient compartment curbside shall be illuminated when the timer is activa shall be triggered with five (5) minutes increment and display the time remains	ted. Th	ts of the					
	Does your bid comply with the specification as written?	Y	N					
	Does your proposal include an exception to this requirement?	Y	N					

Does your proposal include an exception to this requirement?

# 13. AUDIBLE WARNING DEVEICES 13.01 Siren/PA System Siren-PA System to be Whelen 295HFS or equivalent with: radio, PA, Manual, Wail, Yelp, Air Horn and Piercer tone. Y\_\_\_\_ N\_\_\_\_ Does your bid comply with the specification as written? Y\_\_\_\_N Does your proposal include an exception to this requirement? 13.02 Speakers Whelen low profile siren speakers shall be mounted on the front grill of the chassis. They shall be securely mounted in an engineered support to fit without modifying the chassis. This housing shall be designed not to restrict airflow or to reduce the effective of the siren speaker. Does your bid comply with the specification as written? Y N Y N Does your proposal include an exception to this requirement? 13.03 Backup Alarm A 97 db. backup alarm shall be provided. It shall be activated when the vehicle is put in reverse. The cancel switch in the cab-mounted emergency control console shall mute the alarm when pressed after the alarm is activated. However, an automatic function shall reactivate the alarm after 15 seconds of down time. The backup alarm shall be located under the rear of the ambulance. Does your bid comply with the specification as written? Y N Y\_\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? 14. OXYGEN AND SUCTION 14.01 General The completed ambulance shall have a piped medical oxygen system capable of storing and supplying a minimum of 3,000 liters of medical oxygen. The main oxygen supply shall be from a compressed gas cylinder that the purchaser will provide and install at the time the vehicle is placed in service. Low pressure, electrically conductive hose and fittings approved for medical oxygen only shall be used. All oxygen piping shall be concealed, loomed and not exposed. Where oxygen lines may travel through a hole, a grommet shall be used to prevent premature wear of the oxygen line. All oxygen tubing shall be secured yet shall be still accessible for maintenance. Oxygen shall be piped to self-sealing oxygen outlets. The system shall be tested prior to delivery and the results of the test shall be provided with the end user documentation. Y\_\_\_\_ N\_\_\_\_ Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement?

Page 44 of 51

14.02 Oxygen Outlets, quick Connect, Three (3)

outlets shall be tested prior to delivery of the ambulance. Exact location of the oxygen outlets shall be located on the provided drawings. Y \_\_\_ N\_\_\_\_ Does your bid comply with the specification as written? Y\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? 14.03 Oxvgen Tank Storage The oxygen tank shall be stored in an outside compartment. The cylinder shall be able to be accessed and removed from the outside, and shall be able to be controlled at the regulator from the inside of the patient compartment. A chrome vent with an interior rubber debris barrier shall be installed on the oxygen compartment door to properly ventilate this compartment of any leaking oxygen. Does your bid comply with the specification as written? Y N Does your proposal include an exception to this requirement? Y\_\_\_\_N\_\_ 14.04 Oxygen Tank Bracket A Ziamatic QR-MV oxygen cylinder bracket shall be installed in the oxygen compartment to accommodate different sizes of oxygen cylinders. This bracket shall be securely fastened to reinforcement mounting plates. Does your bid comply with the specification as written?  $\mathbf{Y}_{\perp} = \mathbf{N}$ Y\_\_\_ N\_\_\_ Does your proposal include an exception to this requirement? 14.05 Suction One (1) Thomas brand electrically controlled suction system shall be installed in the patient compartment. The outlet shall be on the action area wall with the control in the rear switch panel. The suction pump shall be located behind the cabinetry and be easily accessible for maintenance. It shall be securely mounted with rubber pads to eliminate any unnecessary noise. A vacuum indicator gauge ranging from 0 to 760 mm Hg shall be provided. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_\_ Does your proposal include an exception to this requirement?  $\mathbf{Y}_{\mathbf{j}} = \mathbf{N}$ 14.06 Quick Connect Wall and Ceiling - Flow Meter The ambulance shall be equipped with a Quick Connect 0.5-15 LPM wall flow meter and a ceiling flow meter. Does your bid comply with the specification as written? Y\_\_\_\_ N\_\_\_\_ Y\_\_\_\_N\_\_\_ Does your proposal include an exception to this requirement? 15. **VARIOUS** 

Three (3) Quick Connect surface mounted oxygen outlets shall be installed in the completed ambulance. They shall be installed on the medical center wall in the main action area. These

#### 15.01 Paint

All exposed metal surfaces that are not plated or stainless steel shall be cleaned and prepared and shall be painted or coated. The paint or coating, including any primer, shall be applied in accordance with the manufacturer's recommendation. The paint used shall be from Tristar, a high built polyurethane surface over epoxy primer application utilizing two (2) acid stabilizing treatments. This paint is preferred by the purchaser as it has a durable lifespan, is resilient to harsh climates and remains pliable even in its hardened state to prevent cracking and chipping from normal ambulance body torsion.

The paint process will consist of two (2) coats of primer and one topcoat. The primer will be an epoxy/polyamide strontium chromate primer boasting excellent impact and chemical resistance designed specifically for the aerospace industry's high performance requirements. It will be approved for the following specifications:

- de Havilland DHMS C4.01 Type 2
- Bombardier Canadair BAMS 565-01, BAMS 565-08 Tv2 C1 A Gr A
- National Defense Mil-P-23377F, Type 1, Class 1

The base primer coat will need to pass the following tests, with testing documentation:

Impact Resistance	No	flaking	or	cracking	when	subjected	to	40	inch	pound
impaci Kesisiance	INO	Hakilig	OI	Clacking	WHEII	Subjected	w	40	шсп	DOULL

direct impact or a 40 inch pounds reverse impact.

Hardness Pencil Hardness 2H minimum.

Fuel Resistance Withstands immersion of Jet Al Fuel for 14 days at ambient

temperatures without showing any defects. After a 24 hour recovery period, the primer regains its pretest hardness.

Lubricating Oil Resistance Withstands immersion in lubricating oil at 25° C for 14 days

without showing any softening, blistering, or loss of adhesion.

Hydraulic Fluid Resistance Withstands immersion in Skydrol hydraulic fluid without

showing any defects for 30 days.

Salt Spray Resistance With a scribed film at an angle of 6°, it exhibits no blistering,

lifting of the primer, or substrate corrosion after exposure to 5% salt spray following ASTM B117 on treated aluminum

substrate 3000 hours.

Water Resistance No blistering or loss of adhesion after 14 hours immersion in

distilled water at ambient temperature. Will regain its pretest

hardness after a recovery period of 24 hours.

The manufacturer's paint facility shall be free of dust and contaminants that could have an adverse effect on the paint finish. The manufacturer's paint facility shall also be certified to apply the paint specified.

The aluminum structure shall be prepared by thoroughly washing the aluminum body with wax and grease remover, preferred product is PPG DX440.

Following the acid wash, the surfaces shall be sanded smooth. All sand and dust shall be removed with air when sanding is complete.

A two (2) stage epoxy primer layering process shall be applied to the module and all painted components. This primer stage is critical to the adhesion of the paint and shall be necessary

to the paint process. A 1.2 mil Starproxy primer application shall be used. After adequate drying time, a second layer of the Starproxy primer shall be applied. When completed, the finished primer layer shall be two (2) layers thick and shall be sanded smooth to a surface grade of 9 or 10. This application allows for superior adhesion to the module body.

The finish coat shall be applied and be allowed to dry for the paint manufacturers recommended amount of time. A second finish coat shall be applied. All imperfections shall be sanded; the finish shall be free of any runs, fisheyes and other paint blemishes.

Bidders may propose alternative paint process methods. A detailed description of the process and certifications by the paint manufacturer shall be provided in this bid proposal.

	Does your bid comply with the specification as written?	Y	_ N					
	Does your proposal include an exception to this requirement?	Y	_ N					
15.02	Signs and Instructions All required signs, instruction plates, and labels related to the electrical permanently attached and easy to read. All signage and labeling shall be a extreme temperatures (-30°F (-25°C) and 176°F (80°C)), and ultra violet labels shall meet the UL 969, Standard for Marking and Labeling Systems. relating to safety or critical operational instructions shall be reflective or il guidelines set forth in the forthcoming NFPA 1917 Standard for Autom Guidelines.	resistant t radiation All extend luminat	to fluids, on. These rior labels ed per the					
	Does your bid comply with the specification as written?	Y	_ N					
	Does your proposal include an exception to this requirement?	Y	_ N					
15.03	Two (2) Additional Whelen 900 led (red) warning lights at window height Red 900 series LED version warning lights to be installed at module rear and programmed to flash with primary and secondary mode.							
	Does your bid comply with the specification as written?	Y	_ N					
	Does your proposal include an exception to this requirement?	Y	_ N					
15.04	Wheel Simulators Chrome style wheel simulators to be installed on chassis wheels. Phoenix	brand or	equal.					
	Does your bid comply with the specification as written?	Y	N					
	Does your proposal include an exception to this requirement?	Y	_ N					
15.05	Ford FIN GPC discount per State of TN. Discount shall be applied by bidder.							
	Does your bid comply with the specification as written?	Y	_ N					
	Does your proposal include an exception to this requirement?	Y	_ N					
15.06	All warning light lenses shall be clear.							

	Does your bid comply with the specification as written?	Y	N
15.07	Flash pattern shall meet KKK-A-1822-F per State of TN requirements. Program flash pattern shall be triple burst comet flash		
	Does your bid comply with the specification as written?	Y	N
15.08	Tire chains to be installed on Ford chassis.  On Spot or equal tire chains to be installed.		
	Does your bid comply with the specification as written?	Y	N
15.09	Patient Compartment windows. All patient compartment windows to be tinted.		
	Does your bid comply with the specification as written?	Y	<b>N</b>
15.10	Stryker Equipment to be provided Stryker: Floor plate and pre-wire - Stryker: Performance Load system installed with inductive charger option		
	Does your bid comply with the specification as written?	Y	N
15.11	USB charging outlets in cab and module – Two (2) each Exact location to be determined at pre-construction		
	Does your bid comply with the specification as written?	Y	N
15.12	Air Horns Air Horns to be provided with horn ring option.		
	Does your bid comply with the specification as written?	Y	N
	Module Dome lighting.  Upgrade dome light to include multi-color bank of four (4) white/red & four Exact location to be determined. Whelen 8" Round Super-LED® model sha The steady burn interior light shall incorporate three (3) blue and six (6) whi and a clear non-optic translucent hard coated polycarbonate lens for maximi hard coated lens shall provide extended life/luster protection against UV stresses. The conformal coated PC board shall provide additional pro environmental elements. The 80CBEHCR includes Hi/Low intensity mo properly installed, is certified to meet KKK-A-1822F requirements. The 80 have the ability to dim multiple light levels in conjunction with pulse wie (PWM). The solid state interior light shall be vibration resistant. The interior replacement for obsolete halogen and incandescent light fixtures. The 80 contain a 12" unterminated pigtail. The interior light is covered by a five (warranty. The 80CBEHCR requires a 7-5/16" hole cut out and includes housing installed on the interior light and four (4) 10x1 PPHSMS screws.	all be protected in the Super um outpoor and characterism des and COEHC dth modulight is a CCBEHC b) year	ovided. r-LEDs ut. The nemical against , when R shall ulation a direct CR will factory
	Does your bid comply with the specification as written?	Y	N

15.1	4 <b>Delivery</b> Bidders shall be resp	oonsible for delive	ery to Anderso	on County, T	N	
	Does your bid com	ply with the speci	ification as w	ritten?	Y N	_
15.1	15 Fog Lights Bidders shall install	led lightbar versio	on fog lights o	n chassis fro	ont bumper area.	
	Does your bid com	ply with the speci	ification as w	ritten?	Y N	-
15.1	6 References for this	specific design a	mbulance – n	o exception	S	
	CUSTOMER	CONTACT	STATE	MANF	TITLE	#
		2				
	Does your bid complitional warranty or lo	ogistical services	that the bidd	er might pr	ovide above an	_
16.	OPTIONS Purpose of included in the bid at on these options. Another individually.	pproval. It is not	a bid requires	ment to resp	ond or provide	information
16.0	1 Lifepak 15 Cardiac Technimount system anodized surface bas 00-PC15).	Bracket Pro Sei	rie 35 comple section, hard	ete assembly ware and ins	support includ struction (part n	es standard umber 210-

16.02 Brush Guard

GoRhino brush guard, black in color.

#### 16.03 Stryker Powerload

Purchase and installation of the Stryker Power Load cot fastening system.

#### 16.04 Stryker Stair Chair

Stryker Stair Chair Pro Model #6252 with IV pole clip, foot support and vinyl head support.

#### 16.05 Ferno PowerTraxx EZ Glide

Ferno PowerTraxx EZ Glide with one additional battery, battery charger, rear lifting handles, headrest and IV pole.

#### 16.06 Stryker Power Cot

Stryker Power Pro XT Model # 6506 with XPS, including Backrest Storage Pouch, Head End Storage Flat, Dual Wheel Locks, 3 stage IV Pole, Equipment Hook, Head End O2 Holder, G Rated Bolster Mattress, knee gatch and the Stryker Smart Power System.

#### 16.07 Bariatric Cot

MX-PRO Bariatric Transport Ambulance Cot (model #6083) with IV pole, dual wheel lock, rigid head and foot end push/pull handles, X-frame guards, side lift handles and non-pocketed head end storage.

#### 16.08 Bariatric Ambulance Lift

Not a ramp style, powered lift system that stows under rear of ambulance.

## 16.09 USB charging outlets in cab and module - Two (2) each

Exact location to be determined at pre-construction

#### 16.10 Custom graphics, striping, lettering

Bidder to provide graphics package per state of Tennessee requirements. Bidders are encouraged to contact purchasing with specific questions regarding layout to match existing fleet.

#### 16.11 Pre and Post build Site Visit

Provide travel, lodging and meals for two Anderson County employees for a pre-build and post-build site visit at location of ambulance build facility.

#### 16.12 Post build Site Visit

Provide travel, lodging and meals for two Anderson County employees for a post-build site visit at location of ambulance build facility.

#### 16.13 360-degree Birds Eye Cameras

Provide and install 360-degree surround view camera system to replace backup camera system. Must have video monitor installed in cab, in easy view area of driver.

#### 16.14 Cradlepoint

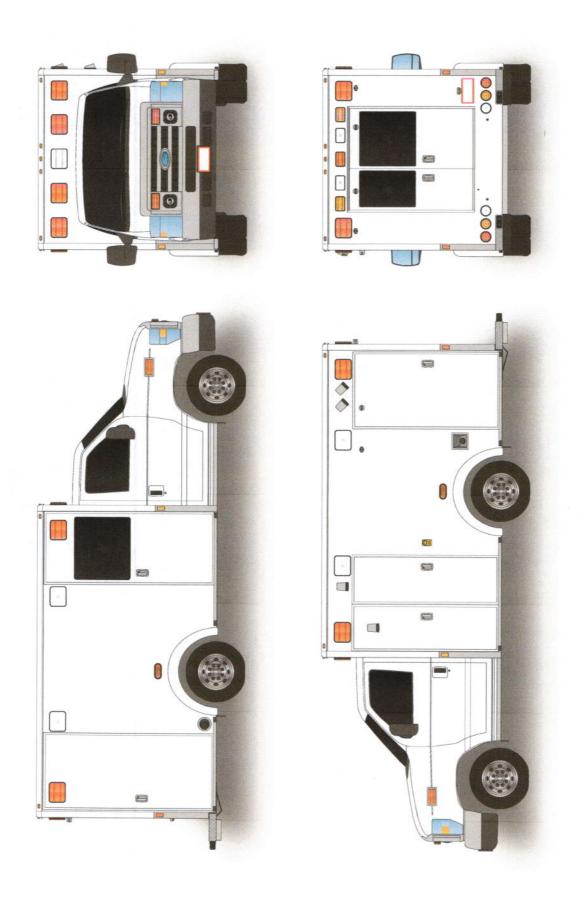
COR IBR900 router with WiFi and all antennas and cables. Unit to be installed by bidder.

#### 16.15 360-degree Exterior Remote Control Spot Light

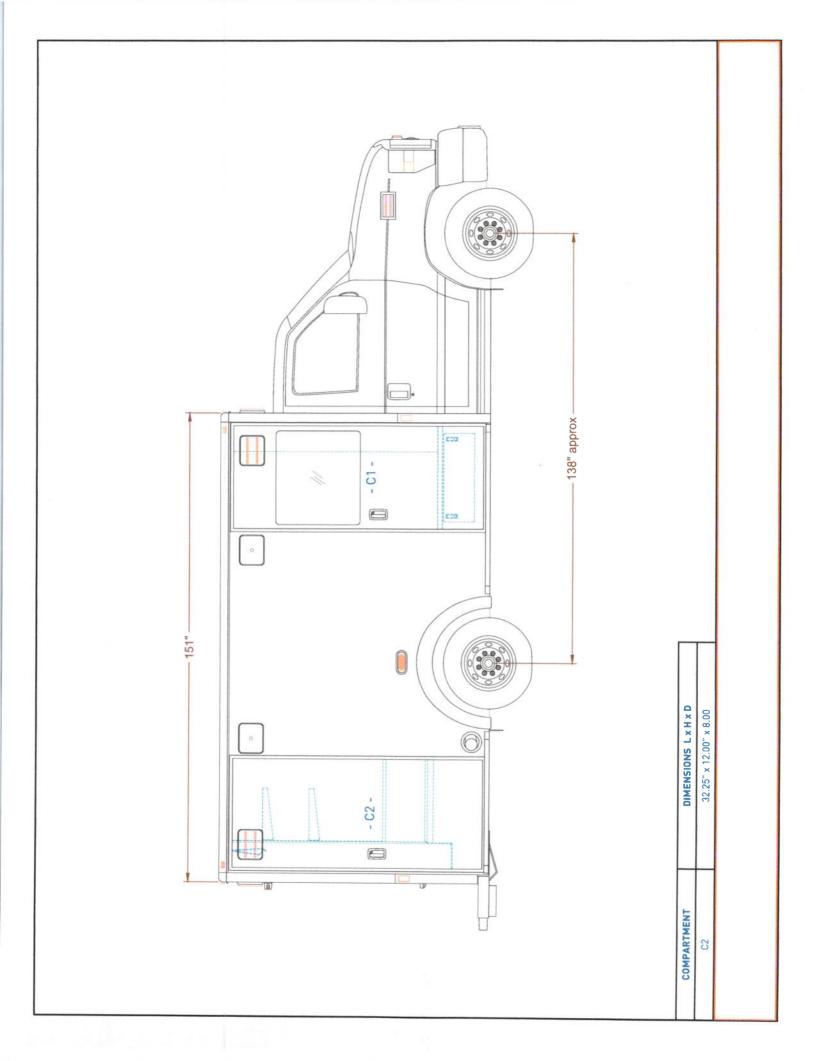
Exterior LED spotlight with interior wired remote control, capable of rotating side to side and upwards and downwards.

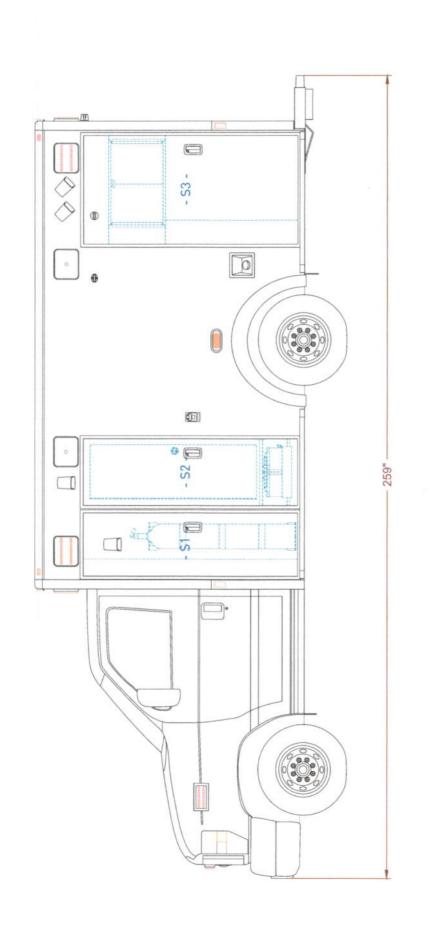
#### 16.16 Rear Bumper Guard Addition

Cut into the center section shall be "Anderson Co EMS" Prior to mounting the visible area behind the cutout shall be covered with high reflective Blue Reflexite.

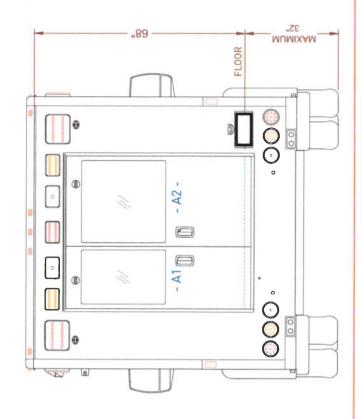


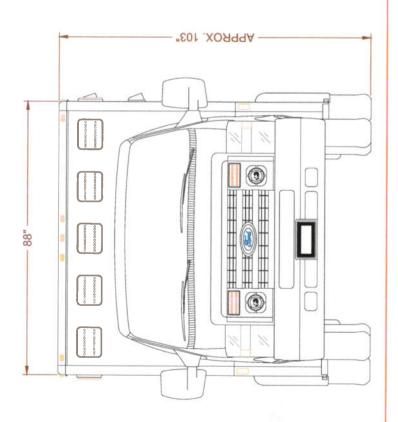
Layout and compartment dimensions are required due to specific equipment. Drawings are only a representation only. Not manufacturer specific. Anderson County, Tennessee: design and layout

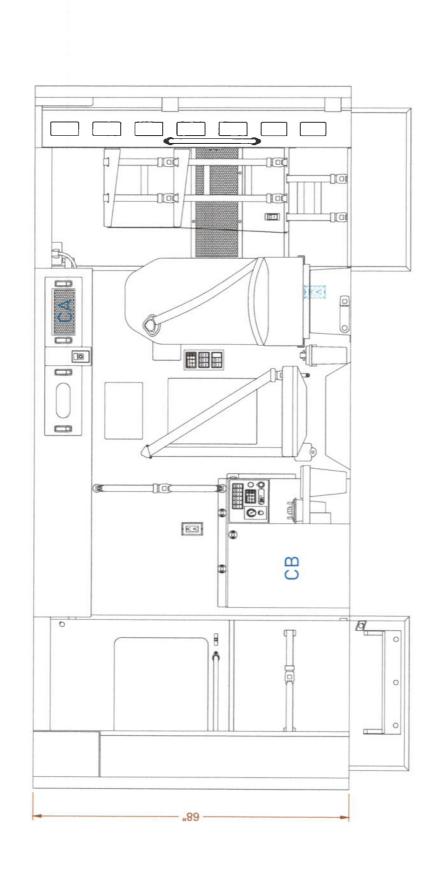




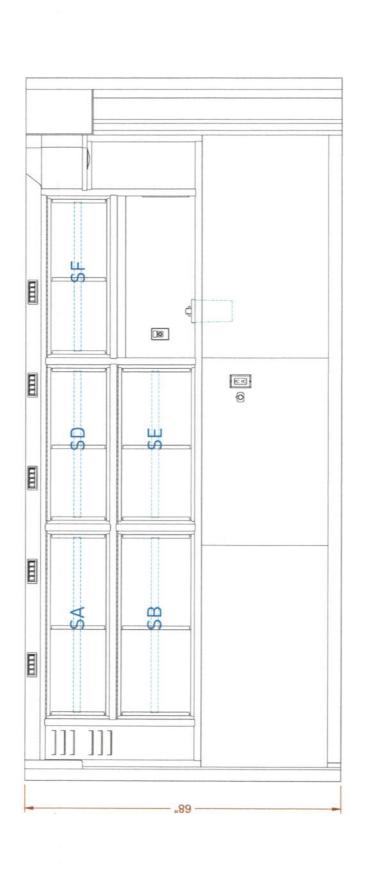
DIMENSIONS LXHXD	19.25" x 67.50" x 14.50	20.50" x 68.00" x 8.00	34.00" x 42.75" x 15.75
COMPARTMENT	51	52	S3



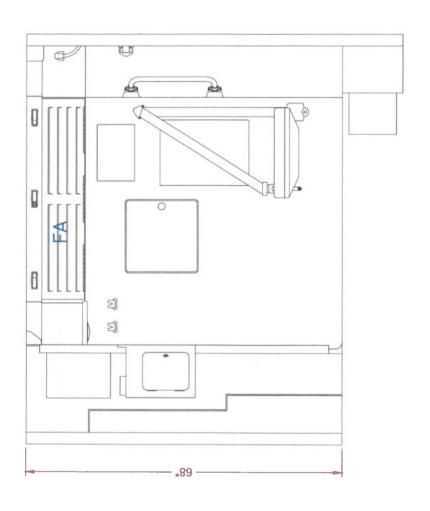




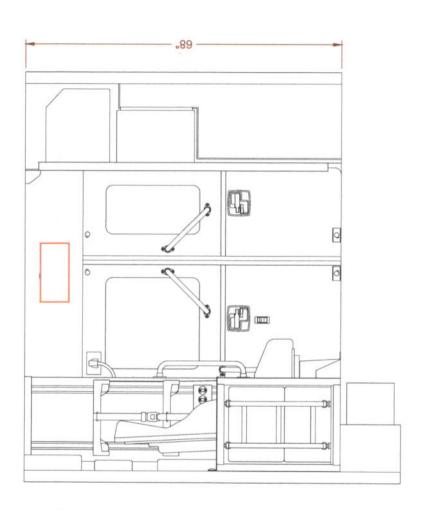
COMPARTMENT	DIMENSIONS LxHxD
STORAGE COMPCA-	13.75" x 7.25" x 3.00"
MEDICAL CABINET -CB-	17.00" x 26.00" x 18.50"

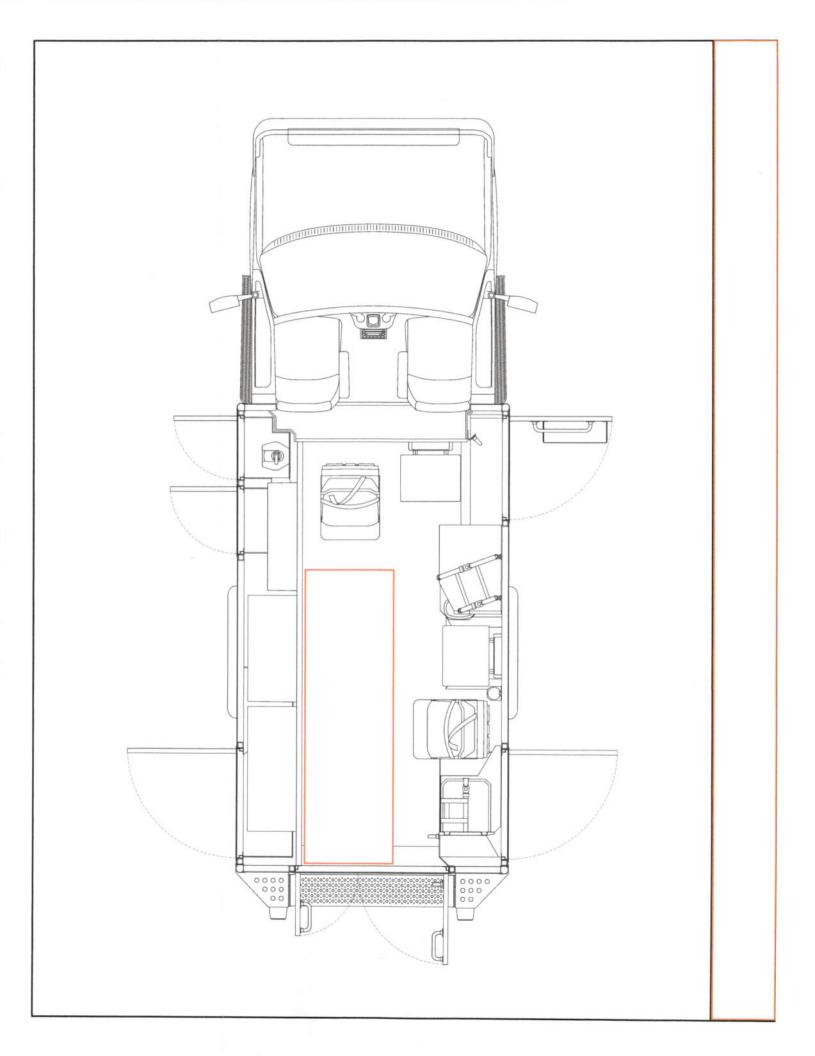


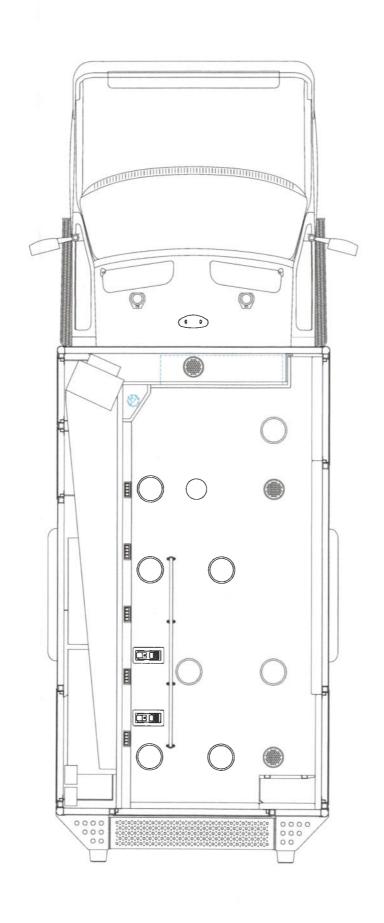
	_	_	_	_		
40.25" x 14.75" x 16,25"	40.25" x 17.75" x 16.25"	18.25" x 31.75" x 16.25"	34.25" × 14.75" × 16.25"	34.25" x 17.75" x 16.25"	35.25" × 14.75" × 10.00"	
MEDICAL CABINET -SA-	MEDICAL CABINET -SB-	STORAGE COMPSC-	MEDICAL CABINET -SD-	MEDICAL CABINET -SE-	MEDICAL CABINET -SF-	

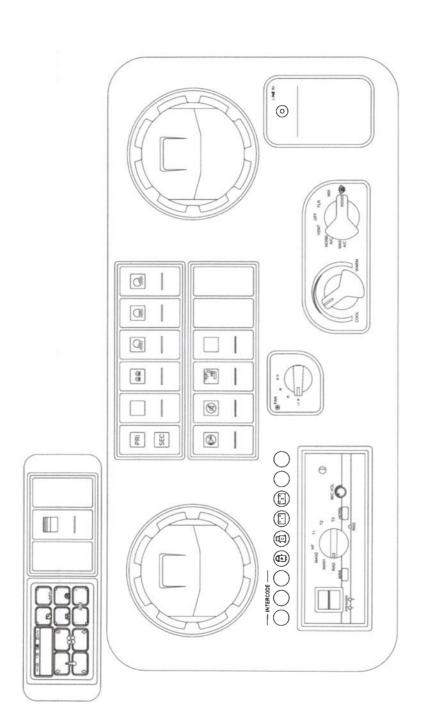


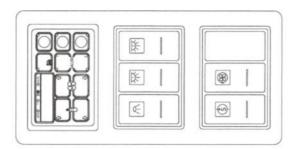
DIMENSIONS L x H x D	48.00" x 12.25" x 9.50"
COMPARTMENT	RADIO COMPFA-

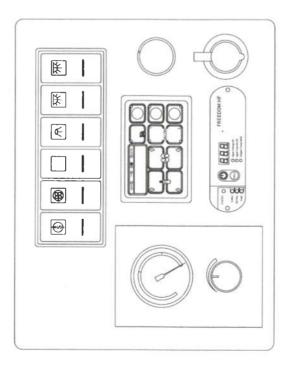












# Attachment 1 BID NUMBER: 4910 – Type II1 151 Ambulance

SECTION 2 - VENDOR INFORMATION
Vendor Name
Vendor Address
City
State Zip
Telephone Number
Contact Person (Please Print)
E-Mail Address
Taxpayer Identification Number, Social Security or Employer Identification Number:
State of Tennessee Business License Number: License #
I agree to abide by all Terms and Conditions of this Invitation to Bid and certify that I am authorized to sign this bid for the vendor. Failure to include any information mentioned in the bid or to comply with these bid instructions may result in rejection of your entire bid. Signing this form affirms that the original Invitation for Bid document has not been altered in any way.
Authorizing Signature:
(Please sign original in blue ink)

#### Attachment 2

#### **Non-Collusion Affidavit**

- This Non-Collusion Affidavit is material to any contract awarded pursuant to this bid.
- This Non-Collusion Affidavit must be executed by the member, officer, or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.
- Bid rigging and other efforts to restrain competition and the making of false sworn statements in connection
  with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs
  the affidavit should examine it carefully before signing and assure himself or herself that such statement is
  true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with
  the bidder with responsibilities for the preparation, approval, or submission of the bid.
- In the case of a bid submitted by a joint venture, each party to the venture must be identified in the bid documents, and an affidavit must be submitted separately on behalf of each party.
- The term "complementary bid" as used in the affidavit has the meaning commonly associated with that term in the bidding process and includes the knowing submission of bids higher than the bid of another firm, an intentionally high or noncompetitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.

Non-Collusion Affidavit

Failure to file an affidavit in compliance with these instructions may result in disqualification of the bid.

STATE OF	
COUNTY OF	
I state that I am (Title) and that I am authorized to make this affidavit or the person responsible in my firm to the price(s)	of (Name of My Firm)n behalf of my firm and its owners, directors, and officers. I am and the amount of this bid.
<ul> <li>communication, or agreement with any othe</li> <li>Neither the price(s) nor the amount of this bit of this bid, have been disclosed to any other not be disclosed before bid opening.</li> <li>No attempt has been made or will be made to contract, or to submit a bid higher than this bother form of complementary bid.</li> <li>The bid of my firm is made in good faith and from, any firm or person to submit a complete.</li> <li>(Name of My Firm)</li> <li>directors, and employees are not currently up the last three years been convicted or found.</li> </ul>	id and neither the approximate price(s) nor approximate amount or firm or person who is a bidder or potential bidder, and they will to induce any firm or person to refrain from bidding on this bid, or to submit any intentionally high or noncompetitive bid or an or pursuant to any agreement or discussion with, or inducement
the contract(s) for which this bid is submitted. I is	understands and acknowledges mportant and will be relied on by <u>Anderson County</u> in awarding understand and my firm understands that any misstatement in this ncealment from <u>Anderson County</u> of the true facts relating to
Representative's Signature	Title
Sworn to and subscribed before me this	day of
Notary Public	My commission expires:

#### Attachment 3



# **DIVERSITY BUSINESS INFORMATION**

# Definitions for Determining Minority, Women And Small-Owned Firms

The guidelines for determining minority, women and small-owned firms are defined as follows:

"MINORITY" means a person who is a citizen or lawful permanent resident of the United States and who is:

- o Black (a person having origins in any of the black racial groups of Africa);
- Hispanic (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);
- Asian American (a person having origins in any of the original peoples of the Far East,
   Southeast
- o Asia, the Indian subcontinent, or the Pacific Islands); or
- American Indian and Alaskan Native (a person having origins in any of the original peoples of North America).

## "MINORITY BUSINESS ENTERPRISE" shall mean a minority business:

A continuing, independent, for profit business which performs a commercially useful function, and is at least 51 percent owned and controlled by one or more minority individuals; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned and controlled by one or more minorities. Whose management and daily business operations are controlled by one or more of minority individuals. "Control" as used in the above clause, means exercising the power to make policy decision. "Operate," as used in the above clause, means being actively involved in the day-to-day management of the business.

#### "WOMEN BUSINESS ENTERPRISE" shall mean women business:

A continuing, independent, for profit business which performs a commercially useful function, and which is at least 51 percent owned and controlled by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned and controlled by one or more women. Whose management and daily business operations are controlled by one or more of such individuals. "Control" as used in the above clause, means exercising the power to make policy decision. "Operate," as used in the above clause, means being actively involved in the day-to-day management of the business.

# DIVERSITY BUSINESS INFORMATION ANDERSON COUNTY GOVERNMENT

**NOTE:** This form is to be submitted only by those who qualify. Bidders do not have to be a minority business to be considered.

#### IMPORTANT! NOTARY AND COPY OF CERTIFICATION REQUIRED

SECTION 6 – DIVERSITY INFORMATION VENDOR/CONTRACTOR NAME: Type of Company: (Check One) (\_\_\_\_\_) Corporation (\_\_\_\_\_) Partnership (\_\_\_\_\_) Limited Liability (\_\_\_\_\_) Sole Proprietor Is your company 51% Owned or Operated by a Minority Group? Yes No If yes, check the ethnic category and indicate % of ownership: ☐ American Indian/Alaskan Native % ☐ African American \_\_\_\_\_\_% □ Hispanic % ☐ Asian/Pacific Islander % Other \_\_\_\_\_\_\_\_(please indicate) Please name the entity of certification: Please provide copy of certification letter or certificate I, HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. Signature: OFFICER OF THE COMPANY Name: \_\_\_\_\_ Title: **NOTARY ACKNOWLEDGEMENT:** STATE OF\_\_\_\_\_\_ COUNTY OF\_\_\_\_\_\_ \_\_\_\_\_,20\_\_\_\_, BEFORE ME,\_\_\_\_\_ , PERSONALLY KNOWN TO ME (OR PROVED TO ME ON THE BASIS OF PERSONALLY APPEARED SATISFACTORY EVIDENCE) TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/ THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON (S) ACTED, EXECUTED THE INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL. SIGNATURE OF NOTARY:\_\_\_\_\_ PRINTED FULL NAME OF NOTARY:\_\_\_\_\_

MY COMMISION EXPIRES:\_\_\_\_\_



# Attachment 4 - Sample Contract for Commodities

This Agreement is made on this the DD of MM YYYY, between Anderson County, Tennessee, a governmental entity and political subdivision of the State of Tennessee (hereinafter, "County") and XXXXXXX (hereinafter, "Contractor") and for good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

Contractor Services. Contractor agrees to provide XXXXX for the County Per XXXXXXX.

**Standard of Performance.** Contractor agrees to perform the contract requirements in a manner consistent with the standard in the industry and to the satisfaction of the County.

Contractor Compensation. Contractor shall be paid by the County within thirty (30) days of invoicing and delivery. The compensation to Contractor shall be calculated by: <a href="mailto:xxxxxx"><u>xxxxxx</u></a>. Contractor <a href="mailto:shall">shall</a> not receive additional compensation for expenses including travel, hotel, food, etc.

**Term.** The term of this agreement shall begin on <u>MM/DD/YYYY</u> and shall end on <u>MM/DD/YYYY</u> with renewal option of XXXXXXX.

**Release.** Contractor hereby agrees to release, indemnify, and hold County harmless from and against any and all claims, lawsuits, or the like associated with County's performance of this agreement, or as it relates to the past, present, or future financial condition of the County or the performance of Contractor's services under this Agreement.

**Default.** In the event of default by the Contractor hereto, the County may bring suit against the Contractor to enforce the terms of this Agreement. In such event, the prevailing party shall be entitled to recover any remedies available at law and/or equity including reasonable attorney's fees and costs associated with the default.

**No Oral Modification.** No modification, amendment, supplement to or waiver of this Agreement or any of its provisions shall be binding upon the parties hereto unless made in writing and duly signed by all the parties.

**Waiver.** A failure of any party to exercise any right provided for herein, shall not be deemed to be a waiver of any right hereunder.

**Entire Agreement.** This Agreement sets forth the entire understanding of the parties as to the subject matter and may not be modified except in a writing executed by all parties.

**Severability.** In the event any one or more of the provisions of this Agreement is invalid or otherwise unenforceable, the enforceability of the remaining provisions shall be unimpaired.

**Cancellation.** In the event any party materially breeches, defaults or fails to perform hereunder, this Agreement may be cancelled by the other party with cause on thirty (30) days written notice to the other, if the event constituting the breach, default, or failure is not cured during that time.

**Termination.** The County reserves the right to terminate this contract in whole or in part with thirty (30) days written notification to the contractor. In the event of termination, the County shall not be liable for any costs other than the cost of services performed and materials delivered and accepted prior to termination date.

**Exhibits.** Any Exhibits attached hereto or incorporated herein are made a part of this Agreement for all purposes. The expression "this Agreement" means the body of this Agreement and the Exhibits.



# Attachment 4 – Sample Contract for Commodities

**Multiple Counterparts: Effectiveness.** This Agreement may be executed in multiple counterparts, each of which shall be deemed an original for all purposes and all of which shall be deemed, collectively, one Agreement. This Agreement shall become effective when executed by all the parties.

**Jurisdiction.** Each party hereby irrevocably consents to the jurisdiction of all state courts sitting in Tennessee or all federal courts sitting in Knoxville, Tennessee and agrees that venue for any legal action brought in connection with this Agreement shall lie exclusively in such courts.

**Binding Effect.** This Agreement shall be binding upon and inure to the benefit of the parties and upon their respective successors, heirs, or assigns.

**Choice of Law.** This Agreement shall be governed and construed in accordance with the laws of the State of Tennessee. The Contractor certifies that in performing this contract they will comply with all applicable provisions of the federal, state, and local laws, regulations, rules, and orders.

**Appropriated Funds.** The County's obligation to pay under this Contract is contingent upon funds appropriated in the current fiscal year's budget as approved by the County Board of Commissioners. Any contract requiring appropriated funds beyond the current fiscal year may be cancelled without notice in the event that funding to support the contract are unavailable in the subsequent fiscal year.

**Payment Terms.** The County's payment terms are net 30. All invoices shall be addressed to Anderson County Director of Finance, Room 210, 100 North Main Street, Clinton, TN 37716, and must include Contractor's name, address and phone number, and clearly list quantities, item description and units of measure.

**Delivery.** The County requires delivery of all products to be FOB ("free on board") unless indicated otherwise. If completed deliveries are not made at the time agreed, the County reserves the right to cancel or purchase elsewhere and hold Contractor accountable. If delivery dates cannot be met, Contractor agrees to advise the County of the earliest possible shipping date for acceptance by the County. Contractor agrees to bear all risk of loss, injury, or destruction of goods and materials ordered herein which may for any reason occur prior to acceptance by the County. No such loss, injury, or destruction shall release Contractor from any obligations hereunder.

**Inspection.** Goods and material must be properly packaged. Damaged goods and materials will not be accepted, or if the damage is not readily apparent at the time of delivery, the goods shall be returned at no cost to the County. The County reserves the right to inspect the goods at a reasonable time subsequent to delivery where circumstances or conditions prevent effective inspection of the goods at the time of delivery.

**Warranty.** The Contractor warrants to the County that all goods and services furnished hereunder shall be free of defects in materials, workmanship, and from defect in design. In addition, Contractor warrants the goods and services are suitable for and will perform in accordance with the purposes for which they were intended.

Insurance Requirement. Contractors awarded bids or contracts are required to maintain, at their expense adequate insurance coverage to protect them from claims arising under the Worker's Compensation Act, any and all claims for bodily injury and property damage to the Contractor and to the County while completing delivery and services. A certificate of insurance may be required before work begins and be maintained until work is completed. Certificate Holder Shall Be: Anderson County Government, Clinton, Tennessee. Anderson County Government shall be named as an additional insured on all policies except worker's compensation and auto. Insurance carrier ratings shall have a Best's rating of A-VII or better, or its equivalent. Cancellation clause on certificate should strike out "endeavor to" and include a 30-day notice of cancellation where applicable. Any deviations from the above requirements must be disclosed to the County Purchasing Agent. Any liability deductibles or exclusions must also be disclosed.



# Attachment 4 - Sample Contract for Commodities

**Uniform Commercial Code.** All applicable portions of the Tennessee Uniform Commercial Code shall govern contracts with the County.

**Non-discrimination.** The Contractor shall comply with the Tennessee Human Rights Act, T. C. A. §4-21-101 et. seq., as amended and any rules and regulations promulgated in accordance therewith.

**Equal Employment Opportunity.** It shall also be an unlawful employment practice for the Contractor (1) to fail or refuse to hire or to discharge any individual or otherwise to discriminate against any individual with respect to their compensation, or the terms, conditions, or privileges of their employment, because of such individual's race, color, religion, sex, age, handicap or national origin; or (2) to limit, segregate, or classify their employees or applicants for employment in any way which would deprive or tend to deprive any individual of employment opportunities or otherwise adversely affect their status as an employee, because of such individual's race, color, religion, sex, age, handicap or national origin. Contractor shall comply with The Civil Rights Act of 1964, 42 U.S.C. sec. 2000 et seq. (2000), as amended.

**Notice.** Any notice required or provided pursuant to this Agreement shall be in writing and sent or delivered to the parties.

**Titles and Subtitles.** Titles of paragraphs and subparagraphs are for convenient reference only and shall not have the effect of modifying, amending, or changing the express terms of this Agreement.

**Assignment.** This Agreement shall be assignable only upon the written consent of the non-assigning party. Consent to an assignment shall not be unreasonably withheld. In the event of assignment or succession, the terms and conditions of this Agreement shall be binding upon the parties and their successors, assigns, heirs, executors, and/or administrators.

**Further Documentation.** The parties agree for themselves and their successors and assigns to execute any and all instruments in writing which are or may become necessary or proper to carry out the purpose and intent of this Agreement.

		City, State Zip		
Contractor/Supplier:		Anderson County Government Administrative Approval:		
Signature	Date	Natalie Erb, CPA, CTP, Finance Director	Date	
Printed Name		Anderson County Department He Approval:	ead	
Title		- Date		
Name of Company		Approved as to Form		
Address		Law Director Date	<del></del>	

#### General Terms and Conditions

#### **BID ENVELOPE SUBMISSION INSTRUCTIONS:**

Bids are to be received in a sealed envelope/package with the bid number, company name and opening date clearly marked. Failure to comply may result in rejection of the entire bid. Anderson County will not be responsible for any lost or misdirected mail. Late bids, e-mailed bids and faxed bids will not be considered nor returned. It is the sole responsibility of the bidder to ensure their bid is delivered to the Purchasing Department. Late bids will not be considered.

Please note that Anderson County Government does not receive a guaranteed delivery time for express mail and/or packages. PLEASE MAIL ACCORDINGLY.

# ANDERSON COUNTY PURCHASING DEPARTMENT 100 NORTH MAIN STREET, SUITES 214 AND 218 CLINTON, TN 37716

Email: <u>purchasing@andersontn.org</u>
Website: <u>http://andersontn.org/purchasing</u>

(865) 457-6218 Phone (865) 457-6252 Fax

Bid documents must be completed in ink or typed, signed in ink, and free from alterations, erasures or mark-throughs.

#### **SECTION 1 - GENERAL TERMS AND CONDITIONS**

- **1.1** <u>ALTERATIONS OR AMENDMENTS:</u> Alterations, amendments, changes, modifications or additions to this solicitation shall not be binding on Anderson County without prior written approval.
- **1.2 NO CONTACT POLICY:** After vendor receives a copy of this bid, any contact initiated by any vendor with any Anderson County representative, other than the Purchasing Department, concerning this invitation for bid is prohibited and agreements made thereto will not be considered binding on Anderson County. Any such unauthorized contact may cause the disqualification of the bidder from this procurement transaction.
- **1.3 QUESTIONS:** Pursuant to TCA §12-4-113, questions regarding the specifications or bid procedures must be received by the Purchasing Agent and/or designer no less than ninety-six (96) hours before the bid opening date. No addenda within less than forty-eight (48) hours of the bid opening date shall be permitted. Any questions concerning the bid document must be submitted to <a href="mailto:purchasing@andersontn.org">purchasing@andersontn.org</a> no less than ninety-six (96) hours before bid opening date.
- 1.4 BID CLOCK: The bid/time clock in the Anderson County Purchasing office will be the time of record.
- **1.5** <u>TAXES</u>: Anderson County is not liable for Federal excise or State sales tax. Tax exemption certificates will be provided upon request.

- **1.6** <u>CONFLICT OF INTEREST:</u> If requested by the Purchasing Agent, vendors must complete and submit a "Conflict of Interest Affidavit Statement" prior to contract award, see T.C.A. 5-14-114 and T. C. A. 12-4-101.
- **1.7 NON-COLLUSION:** Vendors, by submitting a signed bid, certify that the accompanying bid is not the result of, or affected by, any unlawful act of collusion with any other person or company engaged in the same line of business or commerce, or any other fraudulent act punishable under Tennessee or United States law.
- **1.8 <u>NON-DISCRIMINATION:</u>** Contracted vendors will not discriminate against any employee or applicant for employment because of race, religion, sex, national origin or disability except where religion, sex, national origin or disability is a bona fide occupational qualification reasonably necessary to the normal operation of the contractor.
- 1.9 SAME AS OR EQUIVALENT TO: Vendors are to bid as specified herein or propose an approved equal. Determination of equality is solely Anderson County's responsibility. Any designated brands are for reference purpose only, not a statement of preference. When an alternate manufacturer, brand, model or make is bid, Anderson County will determine if the item bid meets or exceeds the items as specified. If the bidder does not indicate that an alternate manufacturer, brand, model or make is being bid, it is understood that the item(s) bid are the same manufacturer, brand, model or make as requested in the Invitation to Bid. Comparable products of other manufacturers will be considered if proof of comparability is contained in the bid submission. It shall be the responsibility of the vendors, including vendors whose product is referenced to furnish upon request catalog pages, brochures or other data to provide an adequate basis for determining the quality and functional capabilities of the product offered. Failure to provide this data may be considered valid justification for rejection of bid.
- 1.10 MULTIPLE BIDS/AWARDS: Anderson County may consider multiple bid awards.
- 1.11 STATE OF TENNESSEE CONTRACTORS' LICENSE LAW (T.C.A. 62-6-119) b): Bids for which the total cost of the project is twenty-five thousand dollars (\$25,000) or more, the outside of the sealed bid envelope/package containing the bid provides the following information: the Company Name, the Contractor's license number, license classification, the date of the license expiration and that part of each license classification applying to the bid. In addition, each heating ventilation or air conditioning, plumbing and electrical subcontractor's license number, date of the license expiration and that part of each classification applying to the bid if the value of the work is \$25,000 or greater, must be notated. If the value of either the contractor or the subcontractor's work is less than \$25,000, the bid envelope/package containing the bid is to be notated with the phrase "Contractor or Subcontractor's Bid is Less than \$25,000" after each appropriate heading. In the case of joint ventures, each party submitting the bid must provide this information. If no subcontractors are being used, the outside of the envelope/package containing the bid must state, "No Subcontractors are being used on this project."
- **1.12 ACCEPTANCE:** Vendors shall hold their price firm and subject to acceptance by Anderson County for a minimum period of sixty (60) working days from the date of the bid opening, unless otherwise indicated in their bid. Any or all bids may be rejected for good cause.
- **1.13 BID AWARDS:** Bids will be awarded to the lowest and best bidder, taking into consideration the qualities of the articles to be supplied, their conformity with specifications and their suitability to the requirements of Anderson County and the delivery terms. Anderson County also reserves the right to not award this bid.
- **1.14 PROTEST:** Any vendor wishing to protest the bid award shall notify in writing the Anderson County Purchasing Agent and the County Law Director, 101 S. Main Street, Suite 310, Clinton, TN 37716. No protest will be accepted, except those protests made in writing and received within (10) ten calendar days of the bid award. Protests must be in writing and envelopes/package containing protest must be clearly marked with bid number and words "BID PROTEST". The Purchasing Agent, in conjunction with the Purchasing Committee, and with the advice and counsel of the County Law Director, shall review and make a final decision as to any bid protest. Appeals shall be filed in the Circuit or Chancery Courts of Anderson County within sixty (60) days of the final decision.

VENDORS PLEASE NOTE: ANDERSON COUNTY WILL NOT STOP THE PURCHASE PROCESS. THE PURCHASE MAY BE COMPLETED OR THE PROJECT MAY BE RE-BID WHILE THE PROTEST PROCEDURE IS STILL IN OPERATION. IF A RE-BID IS MADE, THE PROTESTING VENDOR SHOULD SUBMIT A NEW BID. OTHERWISE, THEY WILL BE WITHOUT A BID ON THE RE-BID. FURTHER, THE RE-BIDDING WILL NOT END THE APPEALS PROCESS. IT WILL CONTINUE UNTIL A FINAL DECISION IS REACHED OR THE COMPLAINANT WITHDRAWS THE APPEAL.

- **1.15 <u>DELIVERY:</u>** Bid pricing is to include complete supply and delivery to Anderson County, Tennessee. Vendors are to state the delivery time in the bid. Anderson County requires that vendors deliver all products "free on board" to final destination unless indicated otherwise in the bid requirements.
- **1.16 PROOF OF FINANCIAL AND BUSINESS CAPABILITY:** Bidders must, upon the request of Anderson County, provide satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. Anderson County will make the final determination as to the bidder's ability.
- **1.17** <u>VENDOR'S DEFAULT:</u> Anderson County reserves the right, in case of vendor default, to procure the articles or services from other sources and hold the defaulting vendor responsible for any excess costs occasioned thereby.
- **1.18 <u>DUPLICATE COPIES</u>**: Vendors are to submit one original and at least one exact copy of their bids, including brochures; unless additional copies are requested in bid specifications.
- **1.19 DRUG-FREE WORKPLACE:** Under the provisions of Tennessee Code Annotated §50-9-113 enacted by the General Assembly effective 2001, all employers with five (5) or more employees who contract with either the state or a local government to provide construction services are required to submit an affidavit stating that they have a drug free workplace program that complies with Title 50, Chapter 9, in effect at the time of submission of a bid at least to the extent required of governmental entities. The statute imposes other requirements on the contractor and contractors should consult private legal counsel if legal questions arise under this section or any other provision of this document. All contractors with five (5) or more employees that will be providing construction services are to return the provided written affidavit signed by the principal officer of a covered employer acknowledging that the contracting entity is in compliance with the Drug Free Workplace laws of State of Tennessee.
- **1.20 RESTRICTIVE OR AMBIGUOUS SPECIFICATIONS:** It is the responsibility of the bidder to review the entire Invitation to Bid document and to notify the Purchasing Department if the Invitation to Bid is formulated in a manner that would unnecessarily restrict competition or if it is ambiguous in what is being requested. The Purchasing Agent must receive questions regarding the specifications or bid procedures no less than ninety-six (96) hours prior to the time set for the bid opening.
- 1.21 <u>SCHOOL CAFETERIA BIDS:</u> If this bid is for Anderson County School's Cafeteria Food Service Department, bidders must be in compliance with Section 104(d) of the William F. Goodling Child Nutrition Reauthorization Act of 1998 which requires school and institutions participating in the National School Lunch Program (NSLP) and School Breakfast Program (SBP) to "Buy American" to the maximum extent practicable.
- **1.22 TERMINATION:** Anderson County reserves the right to terminate contracts in whole or in part with thirty (30) days written notification to the contractor. In the event of termination, the County shall not be liable for any costs other than the cost of services performed and materials delivered and accepted prior to termination date.
- **1.23** OSHA SAFETY: The Vendor is responsible for training their employees in Safety and Health Regulations for the job, assuring compliance with Tennessee Occupational Safety and Health regulations and any other Regulatory Agency.

- **1.24 PERFORMANCE BOND:** A standard surety or performance bond or an irrevocable letter of credit in favor of Anderson County Government at a federally insured financial institution will be required to be submitted with bid, if indicated in section four, item six insurance requirement checklist.
- **1.25 BACKGROUND CHECKS:** Contractors shall comply with Public Chapter 587 of 2007, as codified in Tennessee Code Annotated Section 49-5-413, which requires all contractors to facilitate a criminal history records check conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation for each employee prior to permitting the employee to have contact with students or enter school grounds when students are present.
- **1.26 AWARD RESULTS:** As soon as practicable after proposal or bid evaluations, Anderson County shall post the award decision to Vendor Registry at <a href="https://www.vendorregistry.com">www.vendorregistry.com</a>, Individual notices are normally not mailed or e-mailed except to the successful vendor.
- **1.27** PRICE INCREASE/DELIVERY CHARGES: Request for price or delivery charge increases must in be received in writing 30-days prior to implementation. The Anderson County Purchasing Agent will review requests and make a determination to continue or cancel services.
- **1.28 INDEMNIFICATION/HOLD HARMLESS:** Vendor shall indemnify, defend, save and hold harmless Anderson County and, its officers, agents and employees from all suits, claims, actions or damages of any nature brought because of, arising out of, or due to breach of the agreement by Vendor, its subcontractors, suppliers, agents, or employees or due to any negligent act or occurrence or any omission or commission of Vendor, its subcontractors, suppliers, agents or employees.
- **1.29 DECLARATIVE STATEMENT:** Any statement or words (i.e.: must, shall, will, etc.) are declarative statements and the proposer must comply with the condition. Failure to comply with any such condition may result in their bid being non-responsive and disqualified.
- **1.30 WAIVING OF INFORMALITIES:** Anderson County reserves the right to waive minor informalities or technicalities when it is in the best interest of Anderson County.
- **1.31 APPROPRIATION:** Funding for multi-year contracts are subject to budget appropriations. In the event no funds are appropriated by Anderson County for the goods or services in any fiscal year or insufficient funds exist to purchase the goods or services of a contract, then that contract shall expire upon the expenditure of previously appropriated funds or the end of the current fiscal year, whichever occurs first, with no further obligations owed to or by either party.
- **1.32 ASSIGNMENT:** Vendor shall not assign or sub-contract any agreement, its obligations or rights hereunder to any party, company, partnership, incorporation or person without the prior written specific consent of Anderson County.
- 1.33 **QUANTITIES:** Anderson County does not guarantee quantities to be purchased off this bid.
- **1.34 UNIT PRICE:** In case of discrepancy between any unit price and an extended price, the unit price will be presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake.
- **1.35 MODIFICATION OR WITHDRAWAL OF BIDS:** When it is certain that a mistake has been made in the preparation of the bid, a request will be made to the bidder to confirm the bid. Provisions must be made so that mistakes can be taken care of and the ambiguity resolved satisfactorily. Bids may be modified or withdrawn by written notice received in the Purchasing Department prior to the time and date set for the bid opening. The changes or withdrawal of the bids shall be in writing and signed by an official of the company. The envelope containing the modification should clearly state "modification to bid." Either the entire bid or a particular item may be withdrawn or modified in this manner.

- **1.36 PRE-BID CONFERENCES:** Attendance at Pre-bid Conferences is strongly encouraged. When deemed necessary a Mandatory Pre-bid Conference will be held. A company representative MUST be in attendance and sign the Pre-bid sign-in sheet in order to be considered for bid award.
- 1.37 <u>ADDENDUM:</u> § T.C.A. 12-14-113 Anderson County Government reserves the right to amend this solicitation by addendum. Addenda will be posted to the vendor registry up to 48 hours in advance of the bid/proposals due date and time. It is the bidder's responsibility to check the website for addendum. If in the County's opinion revisions are of such a magnitude, the deadline for this solicitation may be extended in an addendum. Addenda may change specifications, reply sheets, and times and dates for pre-bid meetings as well as due dates/deadlines for questions and bids/proposals.
- **1.38 OWNERSHIP:** All bids, once received, become property of Anderson County Government and will not be returned.
- **1.39 WEATHER AND COURTHOUSE CLOSINGS:** In the event of a situation severe enough to necessitate the closing of Anderson County Government offices during a planned bid opening, vendors will receive notification of the new date and time upon re-opening of county government offices. No bids will be opened until the rescheduled date for bid opening and all bidders/proposers whose submissions meet the extended deadline will be given equal consideration at that time. Anderson County shall not be liable for any commercial carrier's decision regarding deliveries during inclement weather.
- **1.40 IRAN DIVESTMENT ACT OF 2014:** Pursuant to the Iran Divestment Act of 2014, Tenn. Code Ann. § 12-12-106 requires the State of Tennessee Chief Procurement Officer to publish, using creditable information freely available to the public, a list of persons it determines engage in investment activities in Iran, as described in § 12-12-105. Inclusion on this list makes a person ineligible to contract with Anderson County; if a person ceases its engagement in investment activities in Iran, it may be removed from the list. The State of Tennessee list is available here: http://tennessee.gov/generalservices/article/Public-Information-library.