

**COUNTY OF GREENVILLE
2017 TYPE "I" AMBULANCES
RFP# 17-09/26/16**



**Greenville
County**

**DEPARTMENT OF GENERAL SERVICES
PROCUREMENT SERVICES DIVISION
GREENVILLE COUNTY SQUARE
301 UNIVERSITY RIDGE, SUITE 100
GREENVILLE, SOUTH CAROLINA 29601
www.greenvillecounty.org
Phone: 864-467-7200**



GREENVILLE COUNTY COUNCIL
PROCUREMENT SERVICES DIVISION
GREENVILLE COUNTY SQUARE
301 UNIVERSITY RIDGE, SUITE 100
GREENVILLE, SOUTH CAROLINA 29601-3660

Date: 9/9/16

THE COUNTY OF GREENVILLE IS SEEKING PROPOSALS FROM VENDORS TO PROVIDE FIVE (5) 2017 TYPE "I" AMBULANCES, subject to the conditions and all provisions set forth herein and attached. The responses will be **RECEIVED AT THIS OFFICE UNTIL 3:00 P.M., E.D.T., MONDAY, SEPTEMBER 26, 2015,** then publicly opened. The service must be furnished as described and specified herein and delivered to Greenville County.

SHOW THIS NUMBER ON ENVELOPE

Request for Proposals No.

#17-09/26/16

PROCUREMENT SERVICES DIVISION

By 
DIRECTOR

THE COUNTY OF GREENVILLE IS SEEKING PROPOSALS FROM VENDORS TO PROVIDE FIVE (5) 2017 TYPE "I" AMBULANCES AS PER SPECIFICATIONS CONTAINED IN THIS REQUEST FOR PROPOSALS (RFP) DOCUMENT.

PLEASE FURNISH US WITH **ONE (1) ORIGINAL AND FOUR (4) COPIES** OF YOUR PROPOSAL.

ALL QUESTIONS CONCERNING THIS RFP ARE TO BE SUBMITTED IN WRITING TO NADINE CHASTEEN, CPPO, CPPB, DIRECTOR, PROCUREMENT SERVICES DIVISION, COUNTY OF GREENVILLE, 301 UNIVERSITY RIDGE, SUITE 100, GREENVILLE, SC 29601. THE QUESTIONS MAY BE MAILED TO 301 UNIVERSITY RIDGE, SUITE 100, GREENVILLE, SC 29601, FAXED TO (864) 467-7304, OR EMAILED TO nchasteen@greenvillecounty.org NO LATER THAN 5:00 P.M., E.D.T. **SEPTEMBER 19, 2016.**

PLEASE MARK YOUR ENVELOPE TO READ "**RFP# 17-09/26/16.**"

NOTE: PLEASE SIGN ON FOLLOWING PAGE. AN ORIGINAL SIGNATURE IS REQUIRED. FAILURE TO DO SO WILL VOID YOUR PROPOSAL.

INSTRUCTIONS TO RESPONDENTS
RFP #17-09/26/16 2017 TYPE "I" AMBULANCES

1. Unless otherwise required, submit only one (1) original and four (4) copies of each RFI/RFQ/IFB/Proposals.
2. RFI/RFQ/IFB/Proposals, amendments thereto or withdrawal requests received after the time advertised for opening will be void regardless of when they were mailed.
3. Quote prices on units specified with packing included.
4. Attach complete specifications for and permitted substitutions offered, or when amplification is desirable or necessary.
5. If specifications or descriptive papers are submitted with RFI/RFQ/IFB/Proposals, enter respondents name thereon.
6. If the article bid upon has a trade name or brand, show same in the RFI/RFQ/IFB/proposal.
7. When required, furnish samples, free of expense, prior to opening of RFI/RFQ/IFB/Proposals. Label each sample with respondents name and the item number. Should you wish samples returned, at your expense, when not destroyed in tests, make request for return within 10 days following bid/proposal opening.
8. Show delivery time required after order is received (see below).
9. Address and mark bids/proposals as indicated in the notice.

CONDITIONS

1. The County Agency or Institution submitting this notice reserves the right to reject any and all RFI/RFQ/IFB/Proposals, and to waive all technicalities.
2. Unit prices will govern over extended prices, unless otherwise stated in notice.
3. Time in connection with discount offered will be computed from date of delivery of commodities to carrier, when inspecting and acceptance is at point of origin; or date of delivery at destination; or if laboratory inspection is made part of bid, from date of laboratory report.
4. In case of default of contractor, Greenville County reserves the right to purchase any or all items in default on open market, charging contractor with any excessive costs.
5. All materials and products offered must be guaranteed to meet the requirements of the specifications indicated, given or referred to.
6. Prices bid must be based upon payment in thirty (30) days. Discounts for payment in less than thirty (30) days will not be considered in making award.
7. The right is reserved, in case of tie bids, to make award considered to be most advantageous to Greenville County.
8. The right is reserved to reject any RFI/RFQ/IFB/Proposal in which the delivery time indicated is considered sufficient to delay the operation for which the commodity is intended.
9. Unless otherwise indicated by County Agency or Institution submitting this notice, prices must be firm.

RFI/RFQ/IFB/PROPOSAL

(DATE) _____

In compliance with invitation, and subject to all conditions, thereof, the undersigned offers and agrees, if this RFI/RFQ/IFB/Proposal is accepted within _____ days from date of opening, furnish any or all items quoted on at prices as set forth after the item and unless otherwise specified, within _____ days after receipt of order, delivered, all transportation costs included,

Discount will be allowed as follows: 30 calendar days _____ %.

FIRM NAME _____ ADDRESS _____

BY _____
(RFI/RFQ/IFB/PROPOSAL MUST BE SIGNED IN WRITING)

PRINT NAME _____

TITLE _____ EMAIL: _____

PHONE _____ FAX _____

**COUNTY OF GREENVILLE
2017 TYPE "T" AMBULANCES
RFP# 17-09/26/16**

SCHEDULE

September 19, 2016

All questions must be submitted in writing to Nadine Chasteen, CPPO, CPPB, Procurement Services Division, 301 University Ridge, Suite 100, Greenville, SC 29601, by Fax (864)467-7304, or by email to nchasteen@greenvillecounty.org, by **5:00 P.M., E.D.T.**

September 26, 2016

Proposals must be delivered to the Procurement Services Division, 301 University Ridge, Suite 100, Greenville, SC 29601 no later than **3:00 P.M. E.D.T.**

September 26-October 3, 2016

Review of Proposals

October 3, 2016

Tentative Date of **Award**

October 3, 2016 – October 17, 2016

Contract Negotiations

October 17, 2016

Issue **Notice to Proceed**



**REQUEST FOR PROPOSALS
2017 TYPE "I" AMBULANCE
RFP#17-09/26/16**

I. Introduction

Greenville County is seeking proposals from vendors to build and provide Five (5) 2017 Type "I" Ambulances, with an option to purchase up to six (6) additional Ambulances over a period of twenty four (24) months. This option, if exercised by the successful proposal vendor and Greenville County, will allow the Ambulances to be purchased at the same cost, allowing only the chassis model year increases, provided that the chassis manufacturer documents the increased cost.

II. Scope Of Work

This specification covers a new commercially produced surface emergency medical care vehicle(s), herein after referred to as the ambulance or vehicle. A vehicle in compliance with this specification shall be defined as a standard ambulance. This vehicle shall be in accord with the requirements of the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation Washington, D.C. This specification is based on the Federal Ambulance Specification KKK-A-1822x currently in effect at the time of construction of said ambulances. Reference numbers used in this specification refer to the applicable paragraphs of the Federal Ambulance Specification.

The purpose of this document is to provide minimum specifications and test parameters for the manufacture of an emergency medical care vehicle that meets the needs and desires of this Agency. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. This Agency desires to obtain a vehicle that is in accordance with nationally recognized guidelines.

Responders must be able to meet the specifications listed in this RFP. Responders may recommend alternates to this specified vehicle for consideration by the County. County reserves the right to review and choose an alternate if in the best interest of Greenville County.

Special Conditions

No proposal shall be considered for an award unless the Responder meets the Special Conditions stated herein.

Exceptions

Proposals taking total exception to these specifications cannot be considered.

Listing of Exceptions to Specifications. ANY exception(s) or clarification(s) taken to the requirements of these specifications shall be explained in full and referenced by page number and paragraph description.

Classification

This specification calls for the following type of ambulance. It is in accordance with paragraph 3.1.4 of Federal Specification KKK-A-1822x.

Type I Ford F-450 Extended Cab rear wheel drive with dual rear wheels, cab-chassis with a twelve (12) foot modular ambulance body.

General

The proposed vehicle shall be a standard production module of the manufacturer, not a prototype. A sample unit may be required to be made available for inspection.

This is an engineer, design, construct and deliver type specification and it is not the intention of this Agency to write out vendors or manufacturers of similar or equal equipment of the types specified. It should be noted however that this specification is written around specific needs of this department. Because of this fact, price will not be the major consideration in making an award. **Award shall be given to the Vendor whose proposal comes closest to meeting these specifications at the most competitive price.**

This Agency reserves the right to increase equipment quantities that are required by this specification. In addition other interested public governmental Agencies who elect to do so may purchase under any contract that might arise as a result of these specifications.

Site(s) of Work

The vehicle(s) and its equipment shall be delivered F.O.B. Destination to this Agency. Prices shall be quoted on a delivered and accepted on a one-by-one basis. **Vehicles manufactured outside of the United States will not be considered. A copy of the delivery invoice must be provided along with the vehicle quote.**

Examination of Specification

Each Responder is required before submitting his proposal to be thoroughly familiar with the requirements contained herein. No additional allowances will be made because of a lack of knowledge of these requirements. It is the responsibility of the successful Responder to ascertain if any components of this specification are unsafe or do not meet the required standards of applicable state law or those of Federal Specifications KKK-A-1822x. Should there be any unsafe or poorly designed criteria contained herein, the Responder shall thoroughly explain them to the County in their proposal.

Definitions

The following definitions shall apply with regards to these specifications:

Greenville County, Agency and/or County

The County of Greenville, South Carolina, the end user of the equipment specified.

Responder

The individual, firm, partnership, manufacturer or corporation to whom the contract is awarded by the County and who is subject to the terms thereof. For proposal purposes the Responder, Vendor, and Contractor are synonymous.

Equal

Shall be taken in its general sense and shall not mean identical. These specifications are for the sole purpose of establishing minimum requirements for the level of quality, standards of performance and design and are in no way intended to prohibit the proposing of any manufacturer item of equal material.

Brand Names:

Brand names are not intended to be restrictive but merely descriptive of the type needed. This Agency shall make the final decision on the acceptability of any alternatives requested by a vendor as an "equivalent" item.

Manufacturer

The "first stage" manufacturer is the original equipment manufacturer (O.E.M.) that built the specified chassis and its components. The "second stage" manufacturer is the company who will produce the modifications to the O.E.M. Chassis and deliver the final product to this Agency. Elsewhere in this specification the "second stage" manufacturer may also be referred to as the Prime Contractor.

Delivery

A representative of the vendor shall coordinate delivery. Wherever delivery occurs the vendor shall be required to demonstrate for each completed unit that the mechanical and electrical systems are to specifications and operating correctly. Further the vendor shall provide hands-on instruction on proper maintenance procedures for the module, and provide one (1) copy of a comprehensive maintenance/parts manual for components, electrical wiring schematics, and servicing information.

Delivery shall not exceed 120-180 days from the receipt of purchase order, unless negotiated.

The manufacturer, prior to delivery to this County shall perform the following functions:

1. Clean and detail the finished vehicle.
2. Weigh the complete vehicle on a certified scale. A copy of this weight certification shall be included in the owner's manual.
3. Fill with fuel.
4. Check and top off transmission fluid.
5. Check and top off engine oil.
6. Check and top off power steering fluid.
7. Check and top off radiator overflow container.
8. Check and adjust tire pressure.
9. Provide owner's manuals and electrical drawings.

Responders Responsibility and Qualifications

The manufacturer of the vehicle proposed shall have in operation a factory adequate and devoted to the manufacture of the vehicle(s) herein specified. The intent of this specification is to ensure as much single source responsibility as possible for the vehicle proposed by the Responder.

The Responder shall disclose any pending or anticipated litigation between the Responder and any other party or parties that might affect this contract.

Manufacturer's Prior Experience:

The County seeks the highest level of safety, quality assurance and liability protection. To ensure that these desires are met the herein referenced portions of the Federal Ambulance Specification KKK-A-1822x and Ford Motor Company's "QVM" (Qualified Vehicle Modifier) or equivalent program shall be considered as the minimum acceptable guidelines. These standards shall be applicable regardless of the "first stage" chassis manufacturer specified herein. The Responder shall submit documentation that the "second stage" vehicle manufacturer is a current member of the Ford QVM or equivalent Program. Proposals not meeting this requirement cannot be accepted.

Warranty

The successful Responder shall provide, at minimum, 48-month/48,000 mile warranty on the vehicle that covers defective parts and or components of its manufacture, the improper choice of materials, parts and or components, improper design or engineering and poor or improper workmanship or quality control techniques. This warranty shall cover the complete vehicle and shall include any and all costs for labor and parts or materials that are required to correct any and all deficiencies. It is not the intent of this requirement that items such as light bulbs, filters, tires, brake linings, windshield wiper blades, etc. are to be covered. A sample of this warranty shall be submitted with the Responder's proposal.

Since it is the purpose of these specifications to provide a modular body that will provide many years of service, the "second stage" manufacturer of the vehicle(s) proposed shall warranty the structural integrity of the modular body for a period of at least 20 years. This warranty shall be in writing and be submitted with the Responder's proposal.

The "second stage" manufacturer shall provide a current warranty statement with the bid, and, at a minimum the statement must provide a lifetime module structural and electrical warranty. Component warranties will be passed through. All exclusions for misuse, wrecks, abuse, and so forth, apply. This warranty excludes the O.E.M. or "first stage" chassis manufacturer's electrical system. A sample of the "second stage" electrical system warranty shall be included with the proposal.

Proposal meets requirement: Yes____ No____

Warranty Service Response

Within one (1) business day after receipt of a verbal or written notification that warranty service work is required, the successful Responder shall respond verbally, and immediately follow up by E-mailed or faxed letter to the County with a statement of intent to show where and when the warranty service shall be accomplished.

Vendors shall state below the location of the ambulance manufacturer's nearest service facility and parts depot to the County's location.

Address: _____

Phone: () _____

Additional warranty or logistical services that the Responder might provide above and beyond the requirements of these specifications may be listed below. They may be used as an additional basis for a contract award.

Warranties shall begin upon the acceptance of the vehicle(s) by the County.

Proposal meets requirement: Yes____ No____

Materials and Workmanship

All equipment furnished shall be guaranteed to be new and of current manufacture, meet all requirements of this specification, and be in an operable condition at the time of delivery.

All parts shall be of high quality workmanship, shall be in production at the time of proposal. No part or attachment shall be substituted or applied contrary to the manufacturer's recommendations and standard practices.

All workmanship shall be of quality and performed in a professional manner so as to insure a safe and functional apparatus with an aesthetic appearance.

Proposal meets requirement: Yes____ No____

Technical Information/Exceptions

Vendors must furnish all information requested in the spaces provided in this specification. Compliance questions shall be marked with the appropriate "yes" or "no" response. If a "yes" response box is selected then the Responder shall agree to provide the item as "exactly" specified. If the Responder's proposal deviates from the specified requirement then the "no" response box must be selected.

Should a "no" response box be selected then the Responder shall explain the nature of the "exception" taken. Any exception or deviation taken to these specifications shall be listed in the "exceptions taken" section near the end of these specifications. The Responder must reference the page number and identify the subject item to which the exception or deviation has been taken.

NOTE: Proposals failing to meet this requirement will not be considered as responsive.

Proposals shall include at least two (2) complete sets of "A" size proposal drawings for the vehicle proposed. The proposal shall include descriptive literature and complete specifications covering the vehicle offered. These shall be included along with the specific requirements listed by these specifications.

When submitting their proposal, Vendors must return all pages of this specification as a part of their proposal as it forms the contract between the Responder and the County. Caution should be taken by Vendors that all questions are answered in the spaces provided and that all information requested is submitted with the proposal.

Proposal meets requirement: Yes____ No____

Patents and Royalties

The Responder, without exception, shall indemnify and save harmless the County and its employees from liability of any kind, including cost and expenses, for or on account of any copyrighted, patented or unpatented invention, process or article of manufacture or used in the performance of the contract, including its use by the County. If the Responder uses any design, device or materials covered by letters, patent or copyright, it is mutually agreed, and understood without exception that the proposal prices shall include all royalties or cost arising from the use of such design, device or materials in any way involved in the work.

Proposal meets requirement: Yes ____ No ____

Sub-Contracts

This Agency is extremely concerned with purchasing the vehicle(s) from a manufacturer who can provide the necessary parts and warranty service after the sale. With this in mind, the vehicle shall be constructed, with the exception of the chassis, by the "second stage" or Prime Contractor. This requirement applies to all major components of the vehicle. Major components would include items such as: modular body, interior cabinets, electrical wiring harnesses, paint, and other related items.

This no subcontract clause will apply to any type of subcontract, lease, rental or other similar arrangement. The Responder may be required by this Agency to prove compliance with this requirement. No exceptions will be allowed to this requirement since the County will not accept the required warranties from fragmented or multiple sources.

Proposal meets requirement: Yes ____ No ____

Familiarity with Laws

The Responder is presumed to be familiar with all federal, state, and local laws, ordinances, code rules, and regulations that may in any way affect this contract. Ignorance on the part of the Responder shall in no way relieve him from responsibility.

Licenses

All Vendors must have any and all current licenses required by law to do business in this state. This is to include both a motor vehicle manufacturer's license from the manufacturer's resident state and an automotive dealer license from the local dealer. If the Responder is a dealer or distributor then they shall submit a copy of the motor vehicle manufacturer license of the "second stage" vehicle manufacturer they are proposing and their own dealer license. Proposals failing to meet this legal requirement cannot be considered.

Proposal meets requirement: Yes ____ No ____

Pre-Award Clarifications

In the event a clarification is requested on the contents of this specification, the question shall be addressed in writing to the County.

Clarifications or corrections to these specifications shall NOT be valid unless they are in written form and signed by the County's assigned authority.

Pre-Construction Conference

The successful Responder shall be required, prior to manufacturing, to have a pre-construction conference at the site of his choosing with representatives of this Agency to finalize all the construction details. If the Responder requires the conference to be held at a location other than Greenville County, the Responder shall at his expense provide transportation, lodging, and meals, etc., for two (2) people designated by the County. If this meeting is to occur at a location more than 300 miles from the County's location the transportation shall be by commercial air carrier.

Performance Test and Requirements

The vehicle(s) shall, at the time of order, conform to the minimum requirements of the latest standards covering vehicles of this type. This shall include federal, state, and local requirements.

Anti-Collusion Statement

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

III. Bonding Requirements

Bond requirements are listed in the Terms and Conditions, Sections 10-13 (pages 55-56)

IV. Pricing

All proposal prices shall be on a F.O.B. Destination and accepted basis, at the County's specified location. These prices shall be complete and include the specified warranties.

Payment shall be made in accordance with this specification and the Proposal submitted by the Responder. Payment will be made upon acceptance of the vehicle(s) and equipment specified under this specification.

All proposal prices and conditions must be specified in the proposal. Proposal prices shall be valid for at least 60 days from the date of the Proposal Opening, or as otherwise specified in the proposal. Full payment will be made as each unit is received, inspected, and found to comply with procurement specifications, free of damage and properly invoiced. All invoices shall bear the purchase order number. Payment will be made in accordance with the terms specified in the proposal.

V. Submission Procedures, Requirements

A. Submittals

All submissions must be received by **3:00 P.M., E.D.T., 09/26/2016** and delivered to Greenville County Procurement Services Division, 301 University Ridge, Suite 100, Greenville, South Carolina 29601. If the submission is late the proposal will be rejected.

There will be no exceptions. Responders submitting proposals shall be responsible for all cost of preparing such proposals.

Responders to this Request for Proposals shall closely examine the specific requirements noted herein and the attached Terms and Conditions and submit one (1) original and four (4) bound copies of their proposal to the address listed below. To ensure acceptance of the proposal, the Request for Proposals number (**RFP#17-09/26/16**) should be clearly shown on the lower left corner of the return envelope. Facsimile transmittals or offers communicated by telephone will not be accepted or considered.

County of Greenville
Department of General Services
Procurement Services Division, Attn: Procurement Director
301 University Ridge, Suite 100
Greenville, South Carolina 29601-3665
RFP# 17-09/26/16

B. License and Permits

The contractor shall obtain all applicable licenses, and promptly pay all taxes required by the State of South Carolina, and/or Greenville County.

VI. Statement of Qualifications

Vendors shall provide the following with their response:

1. Overview of company background.
2. Staffing or organizational chart showing staff that will be used for this project.
3. Corporate/individual qualifications and experiences, including certifications.
4. Current resume(s) for individuals(s) assigned to this project.
5. List of at least three (3) references including names, addresses, and telephone numbers. Vendor should include any South Carolina governmental entity reference.

VII. Inquiries and Addenda

A. Questions

All questions concerning this RFP are to be submitted in writing via fax, electronic mail, or regular mail to Nadine Chasteen, CPPO, CPPB, Procurement Services Division, to the address listed below, no later than **5:00 P.M., E.D.T., September 19, 2016**. Please refer all questions in writing about this Request for Proposals and project to:

County of Greenville
Nadine Chasteen, CPPO, CPPB
Procurement Services Division
301 University Ridge, Suite 100
Greenville, South Carolina 29601-3665
Phone: (864) 467-7206
Fax:(864) 467-7304
E-mail: nchasteen@greenvillecounty.org

All inquiries and responses will be distributed to all vendors known to have received the RFP document. The County will not be responsible for or bound by any oral instructions made by any employee(s) of the County in regard to this RFP.

B. Addenda

This RFP represents the most definite statement Greenville County will make concerning information upon which proposals are to be based. Any changes to this RFP will be in the form of a written addendum, which will be furnished to all vendors who are listed with the County as having received an RFP document. No addenda will be issued later than five (5) working days prior to the date for receipt for proposals except an addendum which, if necessary, postpones the date for receipt of proposals or cancels this RFP. Venders shall acknowledge receipt of all addenda with their Proposal.

VIII. General Information

A. Proprietary Information

The County of Greenville is a public body and governed by the South Carolina Freedom of Information Act. Documents submitted to the County relating to this Request for Proposals are subject to requirements of the Freedom of Information Act and may be deemed public records.

B. Errors and Omissions

The Responder will not be allowed to take advantage of any errors or omissions in the Request for Proposals. Where errors or omissions appear in the RFP, the Responder shall promptly notify the County of Greenville in writing of such error or omission it discovers. Any significant error, omission and/or inconsistency in the specifications are to be reported as soon as possible but no later than five (5) days before such time the response is to be submitted.

C. Withdrawal of Proposal

An official representative of a Responder may withdraw a Responder's response at any time prior to the proposal submission deadline. Acceptable proof establishing that he/she is the representative of the Responder must be provided.

D. Non-Endorsement

If the County awards contract, the successful Responder shall not issue any news release or other statement relating to the award or servicing of the agreement which state or imply the County of Greenville's endorsement of the successful Responder's services.

IX. Insurance

The contractor is responsible for and must have all required insurance listed below and shall not commence work under the associated contract until it has obtained all insurance required, and the County has approved such insurance in writing, nor shall the Contractor allow any subcontractor to commence work on its subcontract until all similar insurance required of the subcontractor has been obtained. All insurance policies shall be maintained for the life of the contract.

- A. **THE COUNTY SHALL BE NAMED AS “ADDITIONAL INSURED” FOR ITS INTEREST** on all policies of insurance except Worker’s Compensation, Automobile Liability, and Professional Errors and Omissions, as regards ongoing operations, products and completed operations, and this shall be noted on the face of the Certificate of Insurance. As a part of the certificate of insurance requirement the contractor shall also include acknowledgement and acceptance of the wavier of subrogation provision granted to the County of Greenville. This acknowledgement and acceptance should be included in the same section of the Certificate of Insurance that evidences the “Additional Insured” provision.
- B. Certificates for all such policies of insurance shall be provided by the **Contractor's** insurance agent or broker to the **County** within 10 working days from the date of Notice of Award.
- C. All Certificates of Insurance submitted shall provide on the face of the certificate reference to **County's RFP# 17-09/26/16**.
- D. **Contractor** will provide **County** a minimum of 30 days advance notice in the event the insurance policies (or an insurance policy) are canceled. Subcontractors approved to perform work on this project are subject to all of the requirements in this Section.
- E. **Contractor** agrees to maintain and keep in force during the life of this Agreement, with a company or companies authorized to do business in South Carolina, the following insurance policies:

Comprehensive General Liability:

\$1,000,000 per occurrence - combined single limit / \$2,000,000 general aggregate, to include products and completed operations.

Automobile Liability:

\$1,000,000 per occurrence - combined single limit (Coverage shall include bodily injury and property damage and cover all vehicles including owned, non-owned and hired)

Statutory Worker's Compensation:

Coverage A - State of SC

Coverage B - Employers liability

\$1,000,000 Each Accident

\$1,000,000 Disease, Per Employee

\$1,000,000 Disease, Policy Limit

Policies shall contain a waiver of subrogation in favor of and/or that applies to the County of Greenville, its departments, agencies, boards, employees, and commissions for losses from work performed by or on behalf of the contractor.

Umbrella/Excess Liability

\$1,000,000 per occurrence over insurance

\$1,000,000 annual aggregate

No deviation from this coverage's will be accepted unless, in the County's sole discretion, it is more advantageous to the County, i.e., \$1,000,000 - a \$2,000,000 or \$5,000,000 limit would be acceptable.

X. Evaluation Criteria

The proposals will be evaluated on the following criteria utilizing the score sheet included in this RFP on page 63. Greenville County reserves the right to interview responders to this RFP at its discretion. Greenville County will not be responsible for any costs associated with interviews of responders.

- Responsiveness to this RFP.
- Demonstrated capabilities and qualifications.
- Experience and past performance on similar size scope and projects.
- Design and engineering reliability factors.
- Logistical and service support.
- References.
- Cost.

XI. Illegal Immigration Reform Act Compliance

By submitting an offer, Contractor certifies that it will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina Code of Laws (originally enacted as Section 3 of The South Carolina Illegal Immigration Reform Act , 2008 S.C. Act No. 280) and agrees to provide upon request any documentation required to establish either: (a) the applicability of Title 8, Chapter 14 to Contractor and any subcontractors or sub-subcontractors; or (b) the compliance with Title 8, Chapter 14 by Contractor and any subcontractor or sub-subcontractor. Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony, and upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both." Contractor agrees to include in any contracts with its subcontractors language requiring the subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14, and (b) include in any contracts with the sub-subcontractors language requiring the sub- subcontractor to comply with the applicable requirements of Title 8, Chapter 14. In the event any contractor, subcontractor and/or sub-subcontractor is found not to be in compliance with the SC Immigration Reform Act [hereinafter "The Act"], the contractor agrees to fully indemnify the County for

any loss suffered by the County as a result of such contractor, subcontractor or sub-subcontractor's failure to comply with the Act.

XII. Safety, Health, and Security

Contractor shall be solely responsible for its activities, that of its employees on the site and activities of its consultants, contractors and/or subcontractors for maintaining a safe job site. Contractor's activities and activities of its consultants, contractors and/or subcontractors shall comply with all local, state, and federal safety regulations and their enforcement agencies. Contractor shall at all times conduct its operations under this Contract in a manner to avoid risk of endangerment to the health and safety of persons and property. The Contractor shall have sole responsibility for implementing its safety and health programs, taking all safety and health precautions necessary and continuously inspecting all equipment, materials and work to prevent, discover, determine and correct any conditions which might result in personal injury, equipment damage or damage to property or the public. Contractor's safety, health and security programs shall be in compliance with all regulatory requirements and shall furnish accident, incident, injury, and other records and reports required by the Occupational Safety and Health Administration, State and Local laws, or by the County.

XIII. Sample Contract

A sample Contract is attached for review.

XIV. Quality Assurance Provisions

Workmanship

Defective components shall not be furnished. Parts, equipment, and assemblies, which have been repaired or modified to overcome deficiencies, shall not be furnished without the written approval of this Agency. Construction processes and techniques shall be in accordance with the accepted standards of the industry. Component parts and units shall be manufactured to definite standard dimensions with proper fits, clearances, and uniformity. The general appearance of the vehicle shall not show any evidence of poor workmanship.

The following shall be cause for vehicle rejection at time of delivery:

1. Rough, sharp, or unfinished edges, burrs, seams, sharp corners, joints, cracks, and dents.
2. Paint runs, sags, orange peel, "fish eyes", etc., in addition to items listed under the paint requirements portion of these specifications as well as any other imperfection or lack of complete coverage.
3. Body panels that are uneven, unsealed, or contain voids.
4. Misalignment of body fasteners, glass, viewing panels, light housings, other items with large or uneven gaps, spacing, etc., such as door, body panels or hinged panels.
5. Improper body design or interface with the chassis that could cause injury during normal use or maintenance.

6. Improperly fabricated or routed wiring or harnesses.
7. Improperly supported or secured hoses, wires, wiring harnesses, mechanical controls, etc.
8. Loose, vibrating, abrading body parts, components, subassemblies, hoses, wiring harnesses or trim.
9. Interference of chassis components, body parts, doors, etc.
10. Leaks of any fuel, vacuum, air, or other fluid lines. (Ex: air conditioner, coolant, oil, etc.)
11. Noise, panel vibrations, etc.
12. Sagging, non-form fitting upholstery or padding.
13. Incomplete or incorrect application of undercoating or rust proofing
14. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction.
15. Incomplete or improper welds.
16. Visual deformities.
17. Lack of uniformity and symmetry where applicable.
18. Unsealed appurtenances or other body components, gaskets, etc.

In addition, any deviation from the requirements of this specification, unless previously approved by this Agency, that affects form, fit, function, durability, reliability, safety, performance or appearance shall be cause for rejection.

Responsibility for Inspection and Tests

The Responder is responsible for the performance of all inspections and test requirements specified herein. The Responder may use his own or any other facilities suitable for the pre-delivery and acceptance inspections unless disapproved by this Agency. This Agency reserves the right to perform any of the inspections and tests set forth in this specification where such inspections are deemed necessary to assure that the vehicle conforms to these specifications and contract. The Responder shall, at Responder's expense, make provisions for one (1) mid-production and one (1) end production inspection opportunity for this Agency's inspection teams. The inspection team shall consist of representatives from the Agency's Vehicle Service Center, Logistics, Operations, and Field Staff. The Responder shall provide this Agency's inspection representatives with instruments and all such assistance as they may find necessary.

Tests

The following performance tests on the emergency medical care vehicle, items, systems, and equipment shall be submitted on a type model of the vehicle being proposed. The complete test document from an independent testing laboratory shall be submitted to the County with the Proposal. The paragraph numbers referenced below are those found in Federal Ambulance Specification KKK-A-1822x.

- A. Ambulance Physical Dimensions.
KKK-A-1822x (3.4.11 through 3.4.11.7 and 3.10 to 3.11.4)
- B. Vehicle Weight Distribution.
KKK-A-1822x (4.4.3 and 4.4.3.1)
- C. Road Test and Performance Tests.
KKK-A-1822x (4.4.4)

- D. Exterior Mounted Devices Tested for Temperature.
KKK-A-1822x (3.4.2)
- E. Cooling System.
KKK-A-1822x (3.6.4.5)
- F. Electrical Systems and Components.
KKK-A-1822x (3.7 to 3.8.5.2)
- G. Electrical Generating System.
KKK-A-1822x (3.7.6 through 3.7.6.3)
- H. Electromagnetic Radiation and Suppression.
KKK-A-1822x (3.7.12)
- I. Warning Light and Siren System.
KKK-A-1822x (3.8.2 to 3.8.2.5, and 3.14.6)
- J. Tests of Ambulance Body Structure.
KKK-A-1822x (3.10.5 and 3.10.9)
- K. Patient Compartment Interior Surfaces, FMVSS 302.
KKK-A-1822x (3.10.7)
- L. Oxygen System and Tests.
KKK-A-1822x (3.11.3, 3.12.1, and 3.12.1.1)
- M. Litter Fastener and Anchorage Test.
KKK-A-1822x (3.11.7)
- N. Suction Aspiration System Test.
KKK-A-1822x (3.12.3 and 3.12.4)
- O. Environmental System Tests.
KKK-A-1822x (3.13.1 to 3.13.7, and 3.6.3.2)
- P. Patient Compartment Sound Level Test.
KKK-A-1822x (3.13.8)
- Q. Painting, Color, and Marking.
KKK-A-1822x (3.16 to 3.16.4)
- R. Manuals and Handbook.
KKK-A-1822x (3.20 and 6.8)

Finished Vehicle Weight Rating

The manufacturer shall supply a weight rating nameplate. In addition the Responder shall include in the Delivery Manual a certified weight scale receipt showing the final finished weight of the vehicle and its permanent equipment as specified in this specification.

Proposal meets requirement: Yes ____ No ____

Markings, Data Plates, Warranty Notices and Miscellaneous

The manufacturer's caution plates and identification plates shall be conspicuously installed for all equipment or functions requiring such notices.

Proposal meets requirement: Yes ____ No ____

XV. Chassis Specifications

Model

2017 Ford F-450 Extended Cab with dual rear wheels
Wheelbase: 192" with 84" C/A
Oxford White Exterior

Power Train

6.7L OHV Power Stroke Diesel engine.
6 speed heavy duty automatic transmission
4.10 ratio Limited-Slip Axle

Chassis requirements:

- Ambulance Prep package (47L) with special emissions - LPO
- XLT Trim
- 40-20-40 Cloth Seats – Medium Gray
- Dual Alternators
- Adjustable Gas & Brake Pedals
- Polished Aluminum Wheels
- 225 BSW AS 19.5 Tires
- Power windows/door locks
- Power scope TT Heated Mirrors
- AM/FM stereo with single CD player
- Black rubberized floor covering
- Engine block heater
- Spare Tire, Wheel & Jack Assembly
- 40 gallon aft-of-axle fuel tank

THE PROPOSAL FOR THE ABOVE SPECIFIED VEHICLE MUST NOTE THE ASSOCIATED CAB & CHASSIS COST SEPARATELY, REFLECTED IN THE TOTAL COMPLETED AMBULANCE, AS GREENVILLE COUNTY MAY REQUIRE THE SUCCESSFUL VENDOR TO PURCHASE THE CAB AND CHASSIS DIRECTLY FROM THEIR SOURCE IF THE COST IS LESS THAN THE PROPOSAL.

Proposal meets requirement: Yes_____ No_____

Driver's Compartment, Cab-Body Structure

A fully enclosed driving compartment with seating capacity for not less than two (2) persons shall be provided. This Extended Cab shall meet the requirements of paragraph 3.9.1 of KKK-A-1822x.

Proposal meets requirement: Yes_____ No_____

Cab-Body Provisions

The emergency medical care vehicle Extended Cab shall meet the requirements of paragraph 3.9.2 of KKK-A-1822x. To reduce future liability to this Agency the Responder shall submit with the proposal response certifications from an independent testing laboratory that the vehicle being proposed meets these requirements.

Proposal meets requirement: Yes____ No____

Controls and Operating Mechanism

All cab controls and operating mechanisms shall meet the requirements of paragraph 3.9.4 of Federal Specification KKK-A-1822x.

Proposal meets requirement: Yes____ No____

Engine Hood

The engine hood and cowl shall be fitted to prevent precipitation, heat, odors, and noise from entering the interior of the cab. Cab compartment hood shall open sufficiently for easy access to engine components requiring routine maintenance.

Proposal meets requirement: Yes____ No____

CHASSIS PREP, MODIFICATIONS, ADDITIONS

Suspension Option:

Potential vendors shall include option, with associated costs, to use the applicable "Liquid Spring" rear suspension system. System will be configured to dump when right rear patient entry door is opened with ignition switch on and parking brake set.

Cab to Body Connection

To meet the requirements of paragraph 3.10.2 of KKK-A-1822x an opening shall be provided between the cab compartment and the modular body. This opening shall be a minimum of 16" high x 21" wide.

Proposal meets requirement: Yes____ No____

Cab Running Boards

Polished aluminum diamond plate running boards shall be installed on both the driver and passenger sides of the cab.

Proposal meets requirement: Yes____ No____

Rear Tow Hooks

Proposed vehicle shall come with two (2) rear tow hooks mounted to the frame and accessed through a recessed cast aluminum housing mounted on the rear of the vehicle body. These tow hooks cannot interfere with loading/unloading of the stretcher or personnel entering/exiting the rear of the vehicle.

Proposal meets requirement: Yes ____ No ____

Mud Flaps

Proposed vehicle shall have rubber mud flaps added behind rear wheels.

Proposal meets requirement: Yes ____ No ____

Wheel Simulators

Proposed vehicle shall have 4 Phoenix Stainless Steel wheel simulators.

Proposal meets requirement: Yes ____ No ____

Spotlight

One Optronics KB4001 BlueEye Beam spotlight will be provided. It shall be hard wired into the vehicle's 12v DC system (for anti-theft reasons) and be stowed in an applicable storage holder in the cab that is accessible to both the driver and passenger.

Proposal meets requirement: Yes ____ No ____

Cab Control Console

Between the driver and passenger seats there shall be provided a control console. This console shall be constructed of powder coated aluminum. This console shall house the siren control, gauges, and switches as required herein. There shall be a clear area provided for the installation of radio control heads. It shall be constructed to match the lines, contours and color of the cab interior. The console shall be easily accessible for service and maintenance. It shall not interfere with any function or feature of the O.E.M. Dash.

The driver's control console shall be constructed in a way that the switches and gauges are easily serviced. They shall be accessible through service panels. These panels shall be secured in the closed position in a positive manner, yet can be easily opened for service. Configuration of the console shall allow for centralized location of an MDT mounting bracket so as to not to interfere with front airbag operation or access to any control switches.

The console shall also include a compartmented storage area between the seats to secure map books, binders, or other resource material. Construction shall be similar in proportion and design per customer's specification as determined in the pre-construction meeting.

Proposal meets requirement: Yes____ No____

Cab Console Control Switches

The driver's control console shall incorporate heavy-duty rocker switches. These shall be full size switches with a textured rubber cover for a positive feel. The switches shall be internally lighted to indicate when they are activated. Above the switch shall be a backlit panel with the descriptive function of the switch. This panel shall incorporate two levels of backlighting. The "low intensity" level shall be controlled by the vehicle's headlight switch rheostat. The "high intensity" level shall be illuminated when the switch is in the "ON" position. The light source for this panel shall be long life LEDs.

Proposal meets requirement: Yes____ No____

Primary/Secondary Lighting Control

As required by paragraph 3.8.2.3 of Federal Specification KKK-A-1822x the emergency light switches shall be wired to provide the warning light signal modes and combinations as specified. The Primary/Secondary mode switch shall have an indicator light to show the driver which mode is activated. An "Emergency Master" switch shall be used to turn all emergency lights on or off for ease of use by operator. With the "Emergency Master" on, the operator can select from Primary or Secondary modes.

Proposal meets requirement: Yes____ No____

Door/Compartment Open Warning Indicator

There shall be two (2) flashing light indicators mounted in the cab control console. One will flash indicating there is an open patient compartment door; the other shall flash indicating there is an open exterior storage compartment door open. Both of these lights will be independently and clearly marked as to their purpose. Should the vehicle be placed in gear with an open door an audible alarm shall sound.

Proposal meets requirement: Yes____ No____

Back-up camera system

Proposed vehicle shall include a back-up camera system that includes a weatherproof camera mounted on the rear of the vehicle and a monitor mounted in the cab. This system shall also be voice capable. Final mounting location of cab monitor will be determined during pre-construction meeting.

Proposal meets requirement: Yes____ No____

XVI. Module Body Specifications

The construction guidelines below are meant to be minimum standards and are not meant to be restrictive. This agency seeks a vehicle of superior quality that is constructed using the latest innovations in design concepts, materials, and construction methods to yield a vehicle with

superior strength, durability, and crash worthiness. While variations in materials and constructions will be considered, all responders must submit documentation that defines strength of materials and construction methods. At the discretion of this agency, any proposal deemed to contain inferior materials or construction methods will be cause for rejection.

Body Size

Length: 150 inches +/- not including bumper
Width: 95 inches not including emergency lighting
Interior headroom: 72 inches.

Proposal meets requirement: Yes____ No____

Body General Construction

It is the intention of these specifications to require that the ambulance's modular body be of all aluminum, welded construction. The exterior of the body shall be constructed of aluminum sheet with alloy and temper strength of 5052 H32 for strength, ease of welding and corrosion resistance. All frame members shall have alloy and temper strengths of 6063-T6. All extrusions used in the manufacture of the modular ambulance body shall have been designed specifically for the manufacture of emergency vehicles. No "standard" or "stock" catalog extrusions shall be used in the construction of the ambulance body. The Responder shall submit a signed affidavit that the extrusions used in the construction of the body meet this requirement. This Agency will not accept proposals from ambulance manufacturers that do not manufacture the ambulance body being proposed.

All frame and structural members shall be MIG (metal arc inert gas shielded) welded together to form a "roll cage". No rivets, screws, adhesive or other mechanical fasteners shall be used for the attachment of any structural or frame member used to form this "roll cage".

Proposal meets requirement: Yes____ No____

Body Mounting

The module shall be mounted to the truck chassis at ten (10) attachment points - five each side of the frame. Attachment points shall comply with the chassis manufacturer's recommendations. Mounting plates shall be 3/8" x 4" x 10" steel plates bolted to the module base frame, then bolted to the chassis rails with 5/8" grade 8 bolts (minimum 4 bolts per tie-down location). This mounting system conforms to the chassis manufacturer's recommendation for mounting second unit bodies (modules) weighing over 1800 lb. Each attachment point shall consist of a Lord Kinematic body bushing, properly rated and matched to the modular body's operational weight. All body mount bushings shall be bolted through a 1 x 3 continuous aluminum flat bar that provides a uniform load-bearing mount for the modular body. All hardware used in this system shall be a minimum of Grade 8 rated fasteners.

Any mount system that utilizes "U-bolts", individual "outrigger" style mounts or any other method that does not uniformly support the floor structure is NOT acceptable to this Agency.

Proposal meets requirement: Yes____ No____

Structural Load Testing

The modular ambulance body as a unit shall be designed and built to provide impact resistance. The body shall be of sufficient strength to support the entire weight of the "fully" loaded vehicle on its top or side if overturned, without crushing, separation of joints, or excessive deformation of roof bows or reinforcements, body parts, doors, floor members, inner linings or outer panels. As proof that the modular ambulance body meets the above criteria, the Responder shall furnish with the proposal certifications from an independent testing laboratory that the body being proposed meets the Static Load Test Code for Ambulance Body Structure, AMD Standard 001.

Proposal meets requirement: Yes _____ No _____

Corner and Side Wall Assembly

The corners of the modular body shall be constructed of an extruded hollow aluminum shape. The cavity of this hollow shape shall be no larger than necessary to provide a solid connecting point for the horizontal structural members. Its design must allow for a minimum of six (6) inches of continuous weld where each horizontal structural member abuts the corner extrusion. This extrusion shall have an equivalent wall thickness of .125 inch. The corner extrusion shall have at least one (1) internal wall gusset of at least .188 inch high and .125 inch wide running the entire length of the extrusion. This requirement is to reduce the possibility of the extrusion bending, twisting or suffering other deformation when impacted or otherwise stressed.

The side assembly shall be reinforced vertically with square aluminum extruded structural on an average of sixteen (16) inch centers. These structural members shall be 2" x 2" extruded box tubing with an equivalent wall thickness of .125 inch. To minimize the possibility of the extrusion bending, twisting or suffering other deformation when stressed the extrusion shall be designed so that each of its three (3) walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. On the fourth (4th) wall of this extrusion, facing the interior of the body, an integral wall gusset of at least .1875" thick and .375" wide shall run the entire length of the extrusion. This gusset is to provide additional strength as well as to serve as a mounting point for internal equipment or structures. Horizontal structural reinforcement shall consist of a .125 "T" extrusion. These structural shall be MIG (metal arc inert gas shielded) welded together to form the body's "roll cage".

To provide additional structural integrity in the body's corners where the side wall assemblies abut the front and rear wall assemblies there shall be horizontal gusset structures consisting of a rectangular tube measuring .125" x 1" x 2" x 6" long.

To ensure full weld penetration the vertical wall extrusions shall have a 45-degree "weld bevel" on all four (4) corners of the extrusion. This "weld bevel" can be part of the extrusion design or manually ground off the extrusion prior to assembly. In either case the extrusion's wall thickness shall be a minimum of .100 inch at the corner's bevel point. Extrusions with 90-degree corners are NOT acceptable.

The skin covering the front, side and rear walls shall be a single aluminum sheet with an alloy

and temper strength of 5052 H32 for strength, ease of welding and corrosion resistance. Modular bodies fabricated from "multi-piece" front, rear or side skins are not acceptable to this Agency. Where the skin contacts the corner extrusions or the roof rail extrusion it shall be MIG (metal arc inert gas) welded. The skin shall be attached to the vertical and horizontal wall structure with VHB (Very High Bond) adhesive to allow flexibility in the wall assembly. In no case shall screws, rivets or other mechanical fasteners be used to attach the skin to these structural members. All welded body skins that reduce body flexibility and require excessive body filler that can crack and cause moisture traps are not acceptable.

Proposal meets requirement: Yes_____ No_____

Roof Assembly

The roof's substructure assembly shall consist of perimeter roof rail extrusions, lateral roof bows, longitudinal center support and interconnecting corner caps. The roof's sub-structure shall have a center longitudinal extrusion running parallel to the side roof rail extrusions. This center support extrusion shall have alloy and temper strength of 6063-T6. It shall measure at least eight (8) inches wide but no more than ten (10) inches wide. The design of this center support extrusion shall be a "U" shaped structure to provide both strength and additional support in case of a rollover accident. A receiver channel shall be integral to its design to accept an interior ceiling grab handle. This feature shall permit the insertion of an overhead grab handle that is flush with the interior ceiling panels. The depth of the recessed overhead grab handle shall be such as to permit a gloved hand to encircle it. The lateral roof bows shall be welded to this center support extrusion and the outer roof rail extrusions to form the roof substructure.

The patient compartment roof shall have adequate insulation to prevent heat transfer into the patient compartment. Insulation that settles, contains fibers or is hydroscopic is not acceptable.

The perimeter roof rail extrusion shall be an extruded hollow aluminum shape. The cavity of this hollow shape shall be no larger than necessary to provide a solid connecting point for the horizontal structural members. Its design must allow for a minimum of six (6) inches of continuous weld where each horizontal structural member abuts the corner extrusion. This extrusion shall have an equivalent wall thickness of .125 inch. A drip rail shall be included as an integral feature of this extrusion design. A drip rail that is screwed, taped, riveted or otherwise mechanically fastened to the roof extrusion is not acceptable to this Agency.

The lateral roof bows shall be 2" x 2" square aluminum extruded tubing with an equivalent wall thickness of .125 inch. To minimize the possibility of the extrusion bending, twisting or suffering other deformation when stressed the extrusion shall be designed so that each of its three (3) walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. On the fourth (4th) wall of this extrusion, facing the interior of the body, an integral wall gusset of at least .1875" thick and .375" wide shall run the entire length of the extrusion. This gusset is to provide additional strength as well as to serve as a mounting point for internal equipment or structures. These structural shall be MIG (metal arc inert gas shielded) welded together to form the body's "roll cage".

To ensure full weld penetration the vertical wall extrusions shall have a 45-degree "weld bevel" on all four (4) corners of the extrusion. This "weld bevel" can be part of the extrusion design

or manually ground off the extrusion prior to assembly. In either case the extrusion's wall thickness shall be a minimum of .100 inch at the corner's bevel point. Extrusions with 90-degree corners are NOT acceptable.

These structural members shall be located so that the roof skin is supported on a minimum "center" distance of 14 inches. The roof bows shall interconnect with the roof rails and the center support and be continuously welded at all contact points. In no case shall a lateral roof bow have free span of more than 46 inches.

The roof skin shall have alloy and temper strength of 5052 H32. The roof skin will be fully seam welded where the skin contacts the roof rail perimeter extrusions. The skin shall be attached to the lateral roof bows with VHB (Very High Bond) adhesive to allow flexibility in the roof assembly. In no case can screws, rivets or other mechanical fasteners be used to attach the skin to the lateral roof bows.

To provide additional strength and to resist crushing, the finished roof structure shall incorporate a "crown" or "roll" so that the center of the roof is at least one inch (1") higher than the perimeter roof rails. In addition to providing extra strength this "crown" or "roll" shall prevent water from standing on the modular roof. This shall be accomplished without weakening the roof members by rolling or deforming them. Any construction technique used that reduces the strength of the roof members is not acceptable to this Agency.

The corner caps shall be designed to interlock with the roof perimeter and vertical corner extrusions and roof sheet. The corner caps shall be formed of an aluminum casting that is designed to fracture and prevent torsion stresses from being transmitted through the corner assembly in case of side or corner impact. A stamped or formed aluminum corner cap is unacceptable and does not meet the requirements of this specification. The final finish shall be smooth and without deformation or roughness. To further enhance the structural integrity of the modular body all contact points between the corner assembly and the roof perimeter shall be fully welded.

The exterior of the body shall be finished smooth and shall present a modern and aerodynamic appearance and shall embody provisions for doors and windows specified herein.

All exterior door hinges shall be attached via machine thread screws that are threaded into machine-tapped holes. Self-tapping fasteners are NOT allowed in this area.

Exterior trim pieces, warning lights and other such attachments shall be secured via 18/8 nonmagnetic stainless steel, "thread cutting" style machine thread screws. These fasteners shall be nickel-plated and Vibratite or a similar coating applied to them. A nylon washer shall be placed under the head of each fastener to prevent contact between the fasteners head and the aluminum body surface. The use of "one step", self-drilling, self-tapping or TEK type fasteners are NOT acceptable to this Agency. Rivets, sheet metal thread screws, plated or coated ferrous steel and other such mechanical fasteners are NOT acceptable to this Agency. Vendors shall submit samples of the fastener they propose to meet the above requirements.

There shall be aluminum tapping plates welded to the body or framing to provide a secure point for the installation of equipment or structures (cabinets, benches, partitions, cylinder holders, etc.).

Proposal meets requirement: Yes_____ No_____

Floor

The floor shall be at the lowest level permitted by clearances, but not more than 34 inches from the ground. The floor structure shall consist primarily of 2" x 2" x .125" structural box tubing extruded of 6063-T6 aluminum. The finished assembly shall be securely welded to the wall structures and exterior compartments. All critical points shall be reinforced with .125" x 1" x 2" diagonal gussets. The floor structural members shall be placed on a combination of 10 inch and 12 inch centers as necessary to accommodate the exterior compartment design required by these specifications.

The lateral and longitudinal floor structural members shall be 2" x 2" extruded box tubing with an equivalent wall thickness of .125 inch. To minimize the possibility of the extrusion bending, twisting or suffering other deformation when stressed the extrusion shall be designed so that each of its three (3) walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. On the fourth (4th) wall of this extrusion, facing the interior of the body, an integral wall gusset of at least .1875" thick and .375" wide shall run the entire length of the extrusion. This gusset is to provide additional strength as well as to serve as a mounting point for internal equipment or structures. These structural shall be MIG (metal arc inert gas shielded) welded together to form the body's "roll cage".

To ensure full weld penetration the vertical wall extrusions shall have a 45-degree "weld bevel" on all four (4) corners of the extrusion. This "weld bevel" can be part of the extrusion design or manually ground off the extrusion prior to assembly. In either case the extrusion's wall thickness shall be a minimum of .100-inch at the corner's bevel point. Extrusions with 90-degree corners are NOT acceptable.

Interior floor underlayment shall be a composite material consisting of two (2) pre-finished aluminum cover sheets heat-bonded to a core made of polyethylene plastic. Plywood or wood products are not acceptable.

Due to an increased concern over carbon monoxide penetration into the patient compartment, it is imperative that the entire underside of the modular body be sealed. All hollow corner structures shall be sealed with either expansion foam or metal plates screwed into place.

Proposal meets requirement: Yes_____ No_____

Floor Covering and Color

The floor covering shall be Lonplate #176 Pewter. Floor covering shall extend up front and side walls by three (3) inches, and have a smooth radius from floor to sidewall. Equivalent floor coverings will be considered and should be included as options by vendors in the proposal. Samples of alternative floor coverings will be included with proposal.

Proposal meets requirement: Yes_____ No_____

Wheel Well Housings

There shall be a splash shield between the body's wheel well and tires that shall allow for tire chain use and easy tire removal and brake service. The inside of the wheel well housing protruding into the patient compartment shall be insulated to reduce road noise. This insulation shall be the same as that called for in the insulation section of this specification.

Proposal meets requirement: Yes____ No____

Exterior Storage Compartments

The exterior compartment layout below is meant to be a guide. Greenville County will consider an exterior compartment configuration that differs from what is shown below if we feel it better meets the needs of our department. Greenville County is not specifying the size of exterior storage compartments in an effort to not be restrictive in design. Responders will be evaluated on the effective use of space and the how well the proposed unit meets the needs of Greenville County. If the Responder's proposed unit accommodates different exterior storage compartment configurations, those options should be included in the proposal with drawings.

All exterior compartments shall be lockable with one key fitting all. They shall be equipped with the handle and door locks as described in the door section of this specification.

Compartment #1 street-side forward:

This compartment will house the primary oxygen system. A Zico QR-MV (or equivalent) shall be mounted in this compartment to secure an "M" size oxygen cylinder.

Two (2) Zico QR-E-1 strapless "E" cylinder brackets shall be mounted in this compartment to secure spare oxygen cylinders.

Proposal meets requirement: Yes____ No____

Compartment #2 street-side in front of rear wheels.

This compartment will house radios, and other electrical equipment. This compartment shall have 2 adjustable shelves on galvanized Uni-strut tracks.

Proposal meets requirement: Yes____ No____

Compartment#3 street-side behind rear wheels:

This compartment should be approximately half the height of vehicle body and allow for stair chair and folding stretcher to stand upright and be secured to the back wall of compartment. Three (3) straps with seatbelt type buckles shall be mounted in this compartment to secure equipment.

Proposal meets requirement: Yes____ No____

Compartment #4 curb-side rear:

This compartment shall provide vertical storage for 4 backboards and 1 scoop stretcher. This compartment shall have a retaining bar mounted at a height that will prevent backboards from inadvertently tipping out of compartment.

Proposal meets requirement: Yes____ No____

Compartment #5 street-side behind rear wheels:

This compartment shall have (1) adjustable shelf on galvanized Uni-strut track.

Proposal meets requirement: Yes____ No____

Compartment #6 curb-side forward of entry door:

This compartment shall have two (2) adjustable shelves on galvanized Uni-strut track.

Proposal meets requirement: Yes____ No____

Auxiliary battery storage (required)

Below compartment #6 there shall be storage for 2 additional batteries. These batteries should be mounted on a heavy duty slide out tray that locks in place when retracted. The battery storage area shall have its own access door that is separate from the compartment above it, and be vented to the outside of the vehicle body to prevent fumes from entering the patient care area.

Proposal meets requirement: Yes____ No____

Compartment Sub-Structure

The exterior compartments shall incorporate supports underneath their floors for additional strength. These floor supports shall be placed on an average of 16-inch centers. These structural members shall be 2" x 2" extruded tubing with a minimum wall thickness of .125 inch. These supports shall run from the lower sidewall structure to the horizontal floor structure. These supports must provide total support for the bottom of the compartment assembly. Flat bar stock is NOT acceptable for these supports.

All exterior compartments shall be of all welded construction. They shall be welded the full length of their seams and be completely water tight. "Spot" welded seams are NOT acceptable to this Agency. The floor of the exterior compartments shall be of the "sweep" out or "flush floor" design. Compartments that have a "lip" or a "step down" are NOT acceptable to this Agency.

All exterior cabinet floors and shelves shall be lined with Dri-Deck or equivalent decking material.

Proposal meets requirement: Yes____ No____

Exterior Compartment Interior Finish

The interior finish of the exterior compartments shall be painted aluminum. These shall be a minimum of .125 inch thick.

Proposal meets requirement: Yes ___ No ___

Exterior Compartment Shelving

Type and quantity of shelving in each compartment will be based on final compartment configuration and decided during the preconstruction meeting. Shelving shall be adjustable via galvanized Uni-strut mounted on the side walls of the compartment. Shelving shall be rated to support 250 pounds unless otherwise specified. Shelving shall have a 1.5" sidewall. Shelving shall be lined with Dri-Dek or equivalent material.

Proposal meets requirement: Yes ___ No ___

Exterior Compartment Lighting

Exterior compartment lighting shall operate automatically when doors are opened. To prevent unnecessary power drain the ambulance's electrical system shall be so designed that only the light in the compartment that is opened shall light. Systems that activate lights in compartments that are closed are not acceptable.

The lighting should be of LED type in sufficient quantity as to adequately illuminate all areas of the compartment, but lighting is not to be impeded by equipment stored in the compartment. LED strip lighting, or equivalent in lumens and lifespan, installed on both vertical sides of the compartment door opening and across the top door edge is preferred.

There shall be one (1) four inch rubber grommeted LED light with separate switch in the action area to illuminate the oxygen bottle gauge.

Proposal meets requirement: Yes ___ No ___

Compartment Vent System

All exterior compartments shall be vented. The vent system shall be so designed as to provide "one way" air flow from the compartment interior to the exterior environment. This system shall be such as to prevent dust, dirt and moisture from intruding into the compartment. Each compartment shall be properly vented to allow ease of door closure.

Proposal meets requirement: Yes ___ No ___

Step-well, Curb Side Door

The curbside doorstep well shall be constructed of polished aluminum diamond plate.

Mounted under the vehicle body shall be a Zico VS-24-11 Retractable Vehicle Step. This step shall activate anytime the curbside entry door is opened, regardless of vehicle operation status. The step shall be mounted to structural members intended to support 500 pounds.

Proposal meets requirement: Yes____ No____

Exterior Door Drip Rails

In addition to the drip rail found in the roof extrusion there shall be a drip rail provided over each exterior door. These drip rails shall be attached in such a manner as to provide quick and easy replacement. To prevent unnecessary damage in case of a collision they shall not be riveted or screwed in place. They shall have a bright or polished finish.

Proposal meets requirement: Yes____ No____

Lower Body Rub rails

The vehicle shall be provided with lower body rub rails. These rub rails shall be along the lower edge of the modular body skirt. Each rub rail shall consist of a one piece polished diamond plate assembly to facilitate ease of repair or replacement. The rub rail assembly shall be spaced off the body skin at least 1/4 inch. The spacer shall be constructed of either black plastic or rubber. These rails shall provide a pleasing appearance as well as providing impact resistance to the lower body area.

Proposal meets requirement: Yes____ No____

Rear Body Kick Plate

Above the bumper assembly and below the rear doors, there shall be a full-length riser of polished aluminum diamond plate. This kick plate shall mount to permanent body structures to provide support. Body designs that do not provide rear support to this structure are not acceptable.

Proposal meets requirement: Yes____ No____

Front Stone Guards

There shall be provided on the front of the modular body polished aluminum stone guards. These shall extend from the body corner to the front edge of the cab. They shall extend in height approximately 15 inches.

Proposal meets requirement: Yes____ No____

Body Corner Guards

For additional protection to the modular body there shall be provided contoured polished aluminum diamond plate stone guards. There shall be one per corner for a total of 4. On the rear of the body these shall extend up to the top of the kick plate. On the front of the body they shall extend to the top of the stone guards.

Proposal meets requirement: Yes____ No____

Rear Bumper

The rear bumper and step assembly shall be a single unit constructed of 4-inch Aluminum "C" structural channel and .100 inch thick polished aluminum diamond plate. The center step of the bumper assembly shall be designed to allow it to "flip" up out of the way for easier loading of the patient. This step shall be of open grate material to meet the requirements of KKK-A-1822x. The hinge provided for this step shall be stainless steel piano hinge with a center pin diameter of at least .250 inch. This bumper assembly shall be bolted to the chassis frame. There shall be at least 1" clearance between the bumper assembly and the rear of the modular body.

Proposal meets requirement: Yes____ No____

Rear Fenders

There shall be provided on the rear of the vehicle, fender extensions over the wheel housing. They shall be designed to provide protection against wheel wash. These shall be of a heavy-duty rubber construction and match the curvature of the body opening.

Proposal meets requirement: Yes____ No____

Doors, General Construction

The doors for the ambulance body shall be constructed of an extruded aluminum frame for increased strength. These extrusions shall have an alloy and temper strength of 6063-T6 and have a minimum wall thickness of .125 inch. The door design shall allow it to fit "flush" in the compartment opening. To ensure ease of future replacement a "pan formed" or "lap" style door is not acceptable to this Agency.

The exterior door skin shall be .125 inch thick and have alloy and temper strength of 5052 H32. The interior door skin of the compartment doors shall be bright aluminum diamond plate. The overall door thickness shall be at least 2 inches but shall not exceed 2.25 inches. This limit is to ensure maximum interior compartment space.

The interior perimeter of all exterior doors shall be lined with 1" reflective trim to improve visual conspicuity when open.

Proposal meets requirement: Yes____ No____

Door Gaskets

All exterior body doors shall be equipped with rubber gaskets. The gasket shall be of a dense closed cell type material forming an extruded hollow design. This gasket shall fit onto the doorframe extrusion and shall be unbroken around the full perimeter of the door opening. **Any locking system that allows the locking mechanism to break the gasket's integrity is**

unacceptable.

There shall be a double door opening at the rear of the vehicle for access into the patient's compartment. These rear doors shall cover a clear opening of not less than 59 inches high and 48 inches wide. On the curb side of the vehicle there shall be an entry door with an opening of at least 30 inches wide x 80 inches high. This door shall be fitted with a dual spring reciprocating hold open/closure device. The push rod of this assembly shall be of stainless steel construction.

Proposal meets requirement: Yes____ No____

Door Hinges, Latches, and Hardware

All exterior modular body doors shall be attached using a full-length stainless steel piano hinge with a center rod of at least .250 inch in diameter. To prevent undue stress on the door hinge, the doorframe extrusion shall be designed to help support the hinge. The Responder shall specify in the proposal how their design will help support the hinge.

When the doors are opened the hinges, latches, and door checks shall not protrude into the access area. All crew compartment door latches, hinges, and hardware shall comply with the requirements of FMVSS 206. Certifications from an independent testing laboratory shall be provided confirming that the patient compartment entry doors are in compliance to FMVSS 206. The locking devices shall be FMVSS approved two position rotary locks. There shall be one (1) such lock at the top and bottom of each patient compartment entry door. These locks shall latch onto a "Nader" type pin with "head" found in the doorframe. This pin shall pass through the doorframe and into a threaded steel receiver assembly. This pin shall be adjustable and both it and its receiver shall be easily removable for replacement. The doorframe shall be milled so that the pin's receiver can be replaced by the removal of only two screws. Locking systems that do not allow for this service feature are not acceptable.

The patient compartment entry door's locking system shall be actuated from the locking handle by stainless steel push rods. These push rods shall have threaded ends for ease in removal or replacement. Locking systems using cable and pulley assemblies are not acceptable.

Proposal meets requirement: Yes____ No____

Body Entry Door Interior Trim.

The curbside and rear entry doors into the patient compartment shall be covered with aluminum and mica panels. The upper third of the door interior shall be covered with mica to match the interior cabinets. The area around the door handle hardware shall be a horizontal band approximately 5" wide. This band shall serve as an access panel for servicing the door hardware. This horizontal band shall be brushed stainless steel. The lower portion of the interior door shall be a diamond plate aluminum door section. These panels shall be installed so that a formed overlap allows them to fit in to each other without gaps that could collect body fluids and dirt. Alternatives to this requirement will be considered so long as the intent of the requirement is maintained. The inside of doors must be covered in a material that prevents collections of body fluids and dirt, provides a durable lasting surface that will stand up to repeated cleaning, and provide for access to repair door hardware.

Proposal meets requirement: Yes____ No____

Body Compartment Door Interior Trim

The interior of exterior storage compartment doors shall be covered with polished aluminum diamond plate.

Proposal meets requirement: Yes____ No____

Entry Door Grab Handles.

There shall be grab handles provided at the curbside entry opening into the patient compartment. There shall be one (1) handle mounted vertically inside the door area. This handle shall be a minimum of 16 inches long. On the curbside entry door there shall be a 10-inch long grab handle mounted horizontally below the window opening to assist in closing the door. On each rear door, mounted horizontally below the window opening there shall be a 10-inch grab rail to assist in closing the door. One 24-inch long grab handle shall be mounted vertically on the curbside rear door entry area to provide entry assistance. These handles shall incorporate a knurled or ribbed, non-slip metal surface. The grab handle design must be such that it cannot slip or spin in its mount. Certifications shall be supplied with the proposal that the grab handles have been tested to and passed the requirements of Federal Specification KKK-A-1822x.

Proposal meets requirement: Yes____ No____

Body Entry/Compartment Door Handles

All exterior body door handles shall be flush style paddle handle or pull type grab handle. D-ring twist style door handles are not acceptable. Door handles shall be of black anodized or stainless steel construction. These handles shall be equipped with an inside door lock for crew and patient safety. Body entry doors shall be keyed the same as exterior compartment doors.

Proposal meets requirement: Yes____ No____

Curbside Entry Door Hold Opens

The curbside entry door shall be equipped with an overhead door check style door hold open device. This device shall permit its spring-loaded slide to pass over center and hold the door open at 90 degrees. It shall release automatically with a slight push of the door. This device shall be a Cleveland Hardware model CH2395 series heavy duty double spring hold open device (or equivalent).

Proposal meets requirement: Yes____ No____

Rear Entry Door Hold Opens

The rear patient compartment entry doors shall be equipped with Cast Products polished aluminum "Grabber" hold opens. There shall be two (2) hold opens, one (1) mounted top and

bottom per door.

Proposal meets requirement: Yes____ No____

Exterior Compartment Door Hold Opens

All exterior compartment doors shall be equipped with an overhead door check style door hold open device. This device shall permit its spring-loaded slide to pass over center and hold the door open at 90 degrees. It shall release automatically with a slight push of the door. This device shall be a Cleveland Hardware model CH2395 series heavy duty double spring hold open device (or equivalent).

Proposal meets requirement: Yes____ No____

Side Entry Door Upper Window

The curbside entry door shall be equipped with a fixed upper window that measures 25" high x 16" wide. The window frame shall be of an extruded aluminum design with a protective anodized finish. Glass shall be tinted to protect patient privacy.

Proposal meets requirement: Yes____ No____

Rear Entry Doors Upper Windows

Each rear entry door shall be equipped with a fixed upper window that measures 25" high by 16" wide. The window frame shall be of an extruded aluminum design with a protective anodized finish. Glass shall be tinted to protect patient privacy.

Proposal meets requirement: Yes____ No____

Patient Compartment Insulation

The entire ambulance body around the patient's compartment including the sides, front, rear, roof, and floor shall be insulated to enhance the environmental criteria specified in paragraphs 3.4.2 and 3.13.1 of Federal Ambulance Specification KKK-A-1822x.

Within the modular structure the manufacturer shall supply an insulating material that is nonflammable with a Class A, Class 1 fire rating. It shall be certified to meet the smoke and flammability requirements of FMVSS 302. Certification from the insulation manufacturer that the insulation meets these requirements shall be furnished with the proposal. Proposals not meeting this requirement cannot be accepted.

The insulating material used shall be of a non-settling type, vermin-proof, mildew-proof, fire retardant, non-toxic, and non-hygroscopic. It shall be resistant to fungi and bacteria growth. To eliminate health hazards associated with airborne fibers a composite fibrous material such as fiberglass shall not be used.

The insulation material used shall be installed so as to create an unbroken thermal, acoustical, and vapor barrier throughout the walls, ceiling and floor of the patient's compartment. This

barrier shall have a minimum insulation “R” value of 11. Any insulation system that allows an exposed metal structure to transfer heat or cold into the crew compartment is not acceptable. All exterior modular body doors, compartment or access, shall be similarly insulated.

Proposal meets requirement: Yes ____ No ____

XVII. Electrical System and Components

Electrical System

The ambulance's electrical system shall be equipped with, but not limited to the following. Batteries, generating, starting, lighting, ignition, visual and audible warning systems, specified electronic equipment and devices including master consoles located in the cab and crew compartments and other specified accessory wiring. The electrical system and its equipment shall comply with all applicable FMVSS requirements, including Federal Motor Carrier Safety Regulations (FMCSR) and shall also conform to all the applicable SAE recommended standards and practices, whether or not specifically referenced in this document while complying with the subparagraphs herein. All electrical and electronic components shall be selected to minimize electrical loads. All electrical system components and wiring shall be readily accessible through access panels for checking and maintenance. All switches, indicators, and consoles shall be located and installed in a manner that facilitates easy removal and servicing. All exterior housings of lamps, electronic devices, and fixtures shall be corrosion resistant and weatherproofed. All electrical wiring and components must be routed in a manner that protects components from high use areas (i.e. no wiring run under floor covering in cab).

Proposal meets requirement: Yes ____ No ____

Electrical Control System

The electrical system for this vehicle shall be the most technologically advanced system available for emergency vehicles. It shall not be of an experimental nature, but shall have met all the requirements set forth in the Federal Ambulance Specification KKK-A-1822x and the Ambulance Manufacture's Division (AMD) Standards. Installation and use of this system shall not compromise the Guidelines established in the Ford Motor Company QVM Program.

The power distribution units provide multiple control and management of the electrical power provided by the chassis electrical system and assist in the critical maintenance of vehicle batteries.

The electrical system shall provide multiple switching and interlocks to turn on outputs from two or three switch locations making control of specific devices more operationally efficient. Multiple devices shall be controlled “on or off” with a single switching function.

The system shall be designed to survive extreme temperature conditions from -40F to +185F. The system shall be sealed against environmental conditions of moisture, salt and fluids and shall be protected against over voltage and reverse polarity conditions.

Proposal meets requirement: Yes ____ No ____

Electrical Load Worksheet

The Responder shall submit with the proposal response a complete electrical load analysis worksheet. This is required so that this Agency can determine if the vehicle's electrical system is overloaded. The Responder shall point out in the proposal response if the system is overloaded and suggest correction methods. Proposals not meeting this requirement cannot be accepted.

All exterior housings of lamps, electric devices and fixtures shall be corrosion resistant and weatherproofed. Electrical fixtures attached to the sides of the ambulance below the 75-inch level shall be near flush mounted, not to protrude more than two (2) inches, except for such items as spotlights and speakers.

Switches, relays, terminals, and connectors shall have a direct current rating of 125 percent of maximum current for which the circuit is protected. To confirm compliance to this requirement the Responder shall submit with the proposal certification from an independent testing laboratory that the electrical system has been tested to and complies with paragraph 3.7.2.1 of Federal Ambulance Specification KKK-A-1822x.

All electronic devices and equipment installed which produce RFI, shall have the proper filters, suppressors or shielding to prevent electromagnetic radiation and the resultant interference to radios and other medical electronics. These suppression devices shall meet the requirements of paragraph 3.7.12 of KKK-A-1822x. Certification from an independent testing laboratory that the electrical system is in compliance with this requirement shall be submitted with the proposal response.

Proposal meets requirement: Yes ____ No ____

Wiring Installation

The ambulance body and accessory electrical equipment shall be serviced by circuit(s) that are separate and distinct from the vehicle chassis circuits. All wiring provided by the ambulance manufacturer shall be copper and conform to all the SAE J1292 requirements and shall have type GXL "cross linked" high temperature polyethylene or better insulation rated to 300 degrees Fahrenheit and conforming to SAE J1127 and J1128.

The wiring shall be permanently and consistently color-coded to identify wire function. Wires shall be permanently heat ink embossed with both number and function codes. The function codes shall be the "descriptive" name of the circuit served. The number code shall be the exact purpose of that circuit. This number code shall be completely referenced in a detailed wiring schematic provided with the vehicle. Samples of the manufacturer's wiring schematic drawings shall be provided with the proposal. The function and number code shall be embossed at a minimum of 4-inch intervals the entire length of the wire. The wires leading to the switch consoles shall utilize a multi-conductor cable of a minimum of 16 AWG. The wires in this multi-conductor cable shall be color coded but do not need the number or function codes embossed as described above.

SPECIAL NOTICE TO VENDORS: Wiring code numbers that are paper or plastic that are glued or otherwise attached to the wire are not considered by this Agency to be permanent.

Wiring installed in the "second stage" manufacturing process shall be routed in conduit or high temperature loom with a rating of 300 degrees Fahrenheit where necessary to protect it. All added wiring shall be located in accessible, enclosed, and protected locations and kept at least six inches away from the exhaust system components. Electrical wiring and components shall not terminate in the oxygen storage compartment except for the oxygen-controlled solenoid, compartment light, and switch. Wiring which must pass through an oxygen compartment shall be routed in metal conduit. All conduits, looms, and wiring shall be secured to the body or frame with insulated metal cable straps in order to prevent sagging and movement which results in chafing, pinching, snagging, or any other damage. All apertures on the vehicle shall be properly grommeted and sealed for passing wiring and conform to SAE 1292. All items used for protecting or securing the wiring shall be appropriate for the specific application and be standard automotive, aircraft, marine or electronic hardware.

Circuit connections shall be made on barrier style terminal blocks utilizing binding post screws for positive mechanical connections. To minimize the potential for wiring shorts and voltage drops all wiring terminals shall be tin plated, annealed, ETP copper with nylon high heat insulation. The wire terminal shall be a closed brazed multi-grooved wire barrel with a funnel wire insulation grip. This is to insure uniform compression of the conductor wire and provide "strain relief" for the conductor. These wire terminals shall be machine crimped with a device that requires a complete crimp motion before release.

The use of "Scotch-Lock" type fasteners is NOT ACCEPTABLE. To insure minimal voltage drop and secure connections NO "splices" shall be allowed in the wiring harness.

All wiring installed in the "second stage" manufacturing process that carries a load of more than 5 amperes shall be a minimum of 16 AWG. To insure a strong ground path and reduce voltage drops, all "ground" wires shall be of the same size as the "power" feed wire required for the circuit. All ground wires shall be black in color. No wires other than the ground wires may be the color black. All ground wires shall terminate in a common ground buss panel. The random grounding of wires where convenient for the manufacturer is not acceptable.

All cables larger than 10 AWG shall have the terminals mechanically crimped and solder dipped with 60% tin solder to insure minimal voltage drop and resistance to corrosion.

The successful Responder shall deliver with the finished vehicle a complete set of "as built" electrical diagrams. Should the vehicle not have these drawings at delivery it may be rejected or monies withheld until the drawings are provided. The Responder shall submit with their proposal package a sample set of the wiring schematics that would be provided with the finished vehicle. Proposals not meeting this requirement shall not be accepted.

Proposal meets requirement: Yes ____ No ____

Wiring Criteria

All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry at least 125% of the maximum ampere load for which the circuit is protected.

A service loop of wire or harness shall be provided at all electrical components, terminals, and connection points. All low power relays shall be mounted for ease of serviceability. All high current diodes shall be heat sink mounted. All wiring between the cab and module shall be connected to a terminal strip(s) or circuit boards. All connections and terminals provided shall comply with SAE J163, J561 or J928 as applicable. Documentation from an independent testing laboratory that the electrical system is in compliance with this requirement shall be submitted with the Responder's proposal.

Proposal meets requirement: Yes____ No____

Electromagnetic Radiation and Suppression

Electrical components, electronic equipment and devices used and installed on the ambulance, in addition to all subsystems (chassis, warning systems, etc.), shall be electromagnetic radiation suppressed, filtered, or shielded to prevent interference to radio and telemetry equipment aboard the vehicle and surrounding area. The RFI of the completed ambulance shall not exceed the maximum limits of SAE J551. Electrically operated medical equipment furnished shall comply with MIL-STD-461, electronic interference characteristics requirements for aero medical equipment.

Proposal meets requirement: Yes____ No____

Electronic Equipment

RADIO EQUIPMENT

The proposed vehicle shall come with the following County supplied radio equipment installed, tested for function, and ready to be programmed with our department specific programming.

Radio antennas shall be mounted to roof of cab.

One (1) Motorola APX 6500 Dual Control Head UHF range 2 450-520 MHZ 40 watt with the following options:

- G48 ENH: Conventional Operation
- G67 Add: Remote Mount
- GA00092 Add: Dual Control Hardware
- G442 Add: APX 05 control head
- G628 Add: Remote mount cable 17 feet
- W22 Add: 2 Palm microphone
- W432 Add: Auxiliary speaker 13 watt

- G78 ENH: 2 year Repair Service Advantage
- G428 Add: Ant 3.5 DB gain 450-450 MHZ

Proposal meets requirement: Yes_____ No_____

Batteries

The vehicle shall be equipped with four (4) 12 volt batteries. Two (2) of the batteries shall be the O.E.M. batteries. The secondary manufacturer shall add two (2) additional batteries. They shall be equal to or greater than the rating of the OEM batteries.

Proposal meets requirement: Yes_____ No_____

Shoreline Utility Power

Shoreline A

The vehicle shall be furnished with a 2 wire plus ground 115-volt AC wiring system that is separate and distinct from the vehicle's 12 volt DC wiring system(s). The 115-volt AC electrical system, including wiring and associated equipment, shall comply with Article 551 of the National Electrical Code. This system is to be used while the vehicle is on standby for powering maintenance devices, medical equipment, battery chargers, and any other device(s) deemed necessary by this Agency. The 115 volt system shall incorporate a ground fault interrupter (GFI) device and a 20 ampere circuit breaker which can be used as a "MASTER" 115 volt disconnect switch. The GFI and circuit breaker may be an integral unit. All of the 115v AC electrical system components are to be listed by a nationally recognized testing laboratory, and are to be recognized by OSHA under Appendix A to 29 CFR 1910.7. Documentation of compliance to this requirement from an independent testing laboratory shall be submitted with the Responder's proposal. The utility power connector shall be a Kussmaul Auto-Eject model 091-55-20-120 with a yellow cover, and shall be located on the lower rear street side of the module body above the kick plate. This fixture will be labeled "SHORELINE".

Shoreline B

The vehicle shall be furnished with a 2 wire plus ground 115-volt AC wiring system that is separate and distinct from the vehicle's 12 volt DC wiring system(s). The 115-volt AC electrical system, including wiring and associated equipment, shall comply with Article 551 of the National Electrical Code. This system is to be used while the vehicle is on standby for powering the patient compartment heater and engine block heater. The 115 volt system shall incorporate a ground fault interrupter (GFI) device and a 20 ampere circuit breaker which can be used as a "MASTER" 115 volt disconnect switch. The GFI and circuit breaker may be an integral unit. All of the 115v AC electrical system components are to be listed by a nationally recognized testing laboratory, and are to be recognized by OSHA under Appendix A to 29 CFR 1910.7. Documentation of compliance to this requirement from an independent testing laboratory shall be submitted with the Responder's proposal. The utility power connector shall be a Kussmaul Auto-Eject model 091-55-20-120 with a red cover, and shall be located on the lower rear street side of the module body above the kick plate. This fixture will be labeled "HEATERS".

Proposal meets requirement: Yes_____ No_____

Engine Block Heater

The vehicle's engine block heater shall be wired to the Shoreline B system.

Proposal meets requirement: Yes____ No____

Power Module

Proposed vehicle shall have one (1) Vanner 20-1050CUL-DC Power Module. Incoming 120v power shall be provided via Shoreline A. Outgoing 120v power shall be distributed to locations as noted below.

Proposal meets requirement: Yes____ No____

Patient Compartment 120vAC Receptacles

The patient compartment shall be furnished with four (4) 2-wire plus ground duplex 120-volt AC receptacles. Receptacles shall be near flush mounted with one outlet located on the vertical, primary patient, action wall and one shall be located in the forward bulkhead 'dual access' equipment compartment. Specific location of each receptacle will be determined at the pre-construction meeting. All four (4) outlets shall be at least 12 inches from any oxygen outlet. An indicator shall be located within each 120 volt AC receptacle as a line monitor indicating a live (hot) circuit. The receptacles shall be labeled with the following: "120 VOLT AC".

The patient compartment shall be furnished with one (1) double 12 volt accessory outlet located on the vertical surface of the action area. Final location to be determined during the pre-construction meeting.

Proposal meets requirement: Yes____ No____

Patient compartment 12v Auxiliary power outlets:

The patient compartment shall be furnished with two (2) dual outlet 12v auxiliary power outlets. These shall be mounted in the vertical wall of the action area. The power outlets shall be wired on separate 20 amp circuits.

Proposal meets requirement: Yes____ No____

Vehicle Lighting

All lights specified are from Whelen Engineering; equivalent lighting packages will be considered, and should be presented as an alternative with the proposal. Alternative lighting options must be complete packages, no mix/match of lighting will be accepted. All lights will

have chrome flanges unless otherwise specified.

The basic exterior vehicle lighting shall comply with FMVSS Standard 108 and the requirements herein and include: amber front and rear directional signals and hazard warning lights, front, rear and side marker lights, backup light(s), clearance lamps, emergency warning lights, flood lights, and spot light(s). The rear side marker light shall be a minimum of 3" in length and shall also function as a turn signal indicator as described in Federal Specification KKK-A-1822D. Documentation of compliance to FMVSS 108 from an independent testing laboratory shall be submitted with the Responder's proposal.

Proposal meets requirement: Yes ___ No ___

Rear Tail Lights

The vehicle's brake lights, taillights and rear turn signals shall be Whelen 600 Series LED. These light assemblies shall be installed in a polished aluminum trim ring. They shall be set up as brake/tail (RED), turn signal arrow (AMBER), and back up (CLEAR). Lights may be house in a single cast aluminum housing, or can be mounted as individual lights.

Proposal meets requirement: Yes ___ No ___

Body Side Markers

There shall be one (1) Whelen LED marker/turn indicator light recessed into each side of the body at eye level, near the rear of the vehicle.

Proposal meets requirement: Yes ___ No ___

Body Reflectors

The emergency vehicle shall be equipped with body reflectors in accordance with the requirements of Federal Motor Vehicle Safety Standard Number 108 and the current Federal Ambulance Specification KKK-A-1822x.

Proposal meets requirement: Yes ___ No ___

License Plate Holder

There shall be a cast aluminum insert recessed in the kick plate on the rear of the vehicle body for the license plate. The license plate area shall be illuminated when the parking lights are activated.

Proposal meets requirement: Yes ___ No ___

Back Up Alarm

A back up alert alarm audible warning device activated when the vehicle is shifted into and/or moving in reverse shall be provided. This alarm shall meet the requirements of NFPA

1901, paragraph 3-3.5.8 as well as those of Federal Specification KKK-A-1822x.

Proposal meets requirement: Yes____ No____

XVIII. Warning Lights

The warning lights shall have an alternating flash pattern that maximizes visual conspicuity.

The following warning lights shall be certified by Whelen Engineering to be in compliance with the current standards of KKK-A-1822x:

Proposal meets requirement: Yes____ No____

Body Mounted Emergency Lights

Front of module:

Seven (7) Whelen 900 Series Super LED lights. 4 red & 3 white.

Each side of module:

Two (2) Whelen 900 Series Super LED red in color installed front and rear in the upper corners. 1 Whelen 600 series Super LED red in color installed just above rear wheels.

Rear of module:

Five (5) Whelen 900 Series Super LED 4 red 1 amber. Red lights installed right and left in the upper corners, one, (1) amber light installed in the center between rear loading lights. One (1) additional red light installed approximately 18 inches below red lights in the upper corner.

Proposal meets requirement: Yes____ No____

Chassis Mounted Emergency Lights

Two (2) Whelen 500 Series Super LED with red lens shall be installed in the grille area of the chassis.

Two (2) Whelen 500 Series Super LED with red lens shall be installed on each front fender of the chassis. If necessary, flanges will be used to provide proper direction of the lights.

Proposal meets requirement: Yes____ No____

Rear loading lights

Proposed vehicle shall have two (2) rear loading lights. Lights shall be Whelen 90E000ZR and mounted above the rear loading doors. Rear loading lights will be activated by any one of the following actions; opening the right rear door, placing the vehicle in reverse, or by turning on the rear scene lights from the driver's console.

Proposal meets requirement: Yes____ No____

Scene lighting

Proposed vehicle shall have two (2) scene lights on each side of body. Lights shall be Whelen 90E000ZR mounted just below the roofline of the vehicle. Scene lights will be activated by separate left and right scene light switches on the driver's console.

Proposal meets requirement: Yes____ No____

Step well Entry Light

One (1) recessed LED light shall be installed in the sidewall of the curbside entry doorstep well The light(s) shall activate when either the curbside or rear entry doors are opened.

Proposal meets requirement: Yes____ No____

Patient Compartment Illumination

The patient compartment illumination shall be provided by no less than eight (8) recessed overhead "dual-intensity" LED lights. There shall be at least four (4) lights located over the "primary" patient area and four (4) over the squad bench. These lights shall be mounted into the patient compartment headliner and protrude minimally into the patient compartment. Patient compartment lighting will be activated by separate right and left rocker type switches with high-off-low positions in the attendant's console. The lights over the stretcher shall be illuminated anytime the curbside entry door or right rear entry door is opened (when vehicle ignition is on) regardless of activation of switch in action area.

There shall be a rotary mechanical timer switch mounted in the action area that will allow for activation of the ceiling lights on the "low" setting.

Proposal meets requirement: Yes____ No____

Action Area Lighting

Additional LED lighting shall be provided in the attendant's work or action area. This lighting will be controlled by a switch in the attendant's control console.

Proposal meets requirement: Yes____ No____

Siren and Speakers

Proposed vehicle shall be equipped with a Whelen WS 295 HFS2 Remote Siren Amplifier-Flush Mount

Provisions shall be made so that the electronic siren can be operated from the vehicle's steering wheel horn ring when the vehicle is operated in emergent mode. This change in operation shall be automatic when emergency lights are activated.

Proposed vehicle shall be equipped with two (2) Cast Products siren speakers mounted in vehicle specific housings that allow for recess in front bumper.

Proposal meets requirement: Yes____ No____

XIX. Vehicle Body Interior

This agency shall choose a color scheme from samples provided during the preconstruction meeting.

Interior Surfaces

The interior of the patient's compartment shall be free of all sharp projections. Exposed edges and corners shall be broken with a radius and covered with stainless steel trim or covered with padding where necessary.

The finish of the entire patient's compartment, including storage cabinets and equipment, shall be impervious to soap and water, disinfectants, mildew and shall be fire resistant per FMVSS 301. All interior cabinets, including the location of medical equipment and supplies and the equipment and supplies necessary for airway care, artificial ventilation, oxygenation and suction shall be within easy reach of the technician at the head of the stretcher.

Proposal meets requirement: Yes____ No____

Headliner

There shall be installed a headliner of a non-porous white fiberglass reinforced plastic attached to the roof structure to present a finished appearance.

Proposal meets requirement: Yes____ No____

Attendant Control Console # 1 (Street Sidewall)

The patient compartment lighting, air conditioning, heating, and other electrical functions shall be controlled from a control panel located in the street sidewall action area.

Proposal meets requirement: Yes____ No____

Attendant Control Console # 2 (Curb Sidewall)

The patient compartment lighting, air conditioning, heating, and other electrical functions shall be controlled from a control panel located in the curb sidewall action area.

Proposal meets requirement: Yes____ No____

Interior Storage Cabinets

This agency would prefer interior storage cabinets that are wood free, constructed from powder coated aluminum, and integrally mounted to the body structure. Proposals can be submitted specifying wood cabinetry and listing an option for aluminum cabinets if available from vendor.

All interior cabinets shall be a minimum of twelve (12) inches deep, and have heavy duty clear polycarbonate sliding front doors. All polycarbonate sliding doors shall an extruded aluminum handle attached. All interior cabinets shall have adjustable shelves on uni-strut or equivalent hardware.

Greenville County is not specifying the location or size of interior cabinets, except as noted below. Responders will be evaluated on the effective use of space and the how well the proposed unit meets the needs of Greenville County. If the Responder’s proposed unit accommodates different interior storage compartment configurations, those options should be included in the proposal with drawings.

Proposal meets requirement: Yes____ No____

Bulkhead Storage

Proposed vehicle shall have a bulkhead cabinet forward of the curb side entry door shall with access from inside and outside of the vehicle.

Proposal meets requirement: Yes____ No____

Bio-Waste and Sharps Disposal

Below the surface of the squad bench there shall be separate receptacles for waste and sharps. It is preferred the waste container be located on a pullout tray. Other configurations will be considered.

Beneath the action area there shall be separate receptacles for waste and sharps. Access to empty/change receptacles shall be made through compartment #2.

Proposal meets requirement: Yes____ No____

Attendant Seat

The attendant seat at the head of the stretcher shall be an EVS brand seat with integral hidden child safety seat, and four (4) point restraint & harness mounted on an EVS supplied base capable of 360 swivel with forward and aft adjustment.

Proposal meets requirement: Yes____ No____

Sliding Seat ILO Squad Bench

Install EVS Sliding Seat w/36” Track. Build Wall at Front w/Solid Surface Countertop and Ensure Foot Space at Bottom of Wall. Install National Creative Enterprisies H-7000 LP Bracket as far forward as possible. Build Small Cabinet w/ Solid Surface Countertop at end of SB to accommodate LSB. Ensure to install Retractable Seatbelts to help secure.

Mount Sharps Container Bracket above Rear Countertop at least 14” High above Countertop.

Proposal meets requirement: Yes____ No____

Storage Compartment (Cab)

Build Storage Compartment behind the F450 Extended Chassis front passenger seat as determined at the pre-construction meeting.

Proposal meets requirement: Yes____ No____

Glove box holder

Proposed vehicle shall have a purpose built glove box holder that will accommodate 3 boxes of gloves. Final mounting location will be determined during the pre-construction meeting.

Proposal meets requirement: Yes____ No____

Patient Compartment Ceiling Grab Rail

The overhead grab rail in the patient compartment shall be of an all-metal knurled or ribbed construction. The grab rail shall be designed so it cannot slip or spin in its mount. The grab rail shall run the full length of the patient compartment ceiling. The mounting brackets for the grab rail shall fit into a metal mount that is a part of the roof's structural assembly. Mounts screwed or bolted into fiberglass, wood or other material is not acceptable and will be rejected.

Proposal meets requirement: Yes____ No____

Upholstery

Upholstered cushions shall be a minimum of 36-ounce upholstery material. The vinyl material used to cover these cushions shall be treated with an anti-bacterial/anti-microbial surface seal. The vinyl shall also be mildew resistant on both backing and face.

The vinyl used shall be tested to meet the following "flammability" requirements:

1. Boston Fire Department Test (sect. 11.07 fire code 1959).

2. California State Fire Marshall Test (par. 1273.3 fire code Title 19).
3. New York Port Authority.
4. Federal specification CCC-A-680A.
5. Federal specification CCC-A-700E.
6. FAA, FAR 25.853
7. ASTM D626 55T.
8. Ohio & Cincinnati Bldg. Code.
9. California Flammability Regulation 117.75, Section E.

Literature shall be provided with the proposal response showing that the proposed vinyl to be used meets the above requirements.

The patient compartment squad bench seat, backrest and other related upholstered pieces shall be vacuum formed to eliminate exposed seams. Stitched seams or exposed welting material are unacceptable to this Agency. The backing material shall be of a material that is non-hygroscopic to prevent the absorption of blood and fluids. Plywood or other similar material is not acceptable.

A pliable gasket material shall be provided around the perimeter of the backing material to prevent any fluids from pooling between the vinyl and the backing board.

Proposal meets requirement: Yes ___ No ___

IV Holders for Intravenous Fluid Containers

Two (2) near flush style, I.V. ceiling holders with a Velcro type strap to hold and control I.V. bags/bottles, shall be provided. These holders shall not protrude more than 2.5 cm (1"), be located on or adjacent to the side wall, one at the head of the primary patient and one at the head of the secondary patient's cot (squad bench).

Proposal meets requirement: Yes ___ No ___

Litter Fasteners and Anchorages

Floor plates for a single position stretcher shall be installed as specified in paragraph 3.11.6 of Federal Specification KKK-A-1822x in the floor of the vehicle body with a water tight seal to prevent. All stretcher mounting hardware, brackets, and fasteners shall be specific to the type of stretcher specified later in this proposal. Stainless steel floor plates shall be provided to prevent the stretcher wheels from damaging the floor. These plates will also have a water tight seal.

Proposal meets requirement: Yes ___ No ___

Patient Compartment Environmental System

The patient compartment shall be heated and air-conditioned to comply with the criteria specified herein, KKK-A-1822x and DHEC Regulation 61-7. This Agency is concerned with having the most efficient air conditioning system possible that provides clean air and a comfortable environment. The filters shall be easily replaceable and provide entrapment of

foreign particles to enhance the life cycle of the air conditioning unit and provide clean air for occupants.

Vehicle body heating and air conditioning system shall provide total environmental temperature control which can maintain an established comfort zone of 68-78 degrees Fahrenheit, when operated between 0 & 110 degrees Fahrenheit ambient. The environmental system shall provide for multi-directional airflow so as to create even temperatures throughout the vehicle body.

The patient compartment environmental system shall be thermostatically controlled and those controls shall be immediately accessible to the attendant while seated in the primary attendant seat located at the head of the stretcher. Systems that require the attendant to leave this seat or unbuckle the seat belt are unsafe and therefore NOT ACCEPTABLE to this Agency.

No auxiliary condensers may be mounted underneath the vehicle body if one or more are necessary to meet cooling performance requirements.

Greenville County requires an environmental system that will maintain a suitable temperature inside the vehicle body when vehicle is in a standby mode and plugged into a shoreline. Hoseline 2000 system 110-12 volt combo or equivalent should be used.

Proposal meets requirement: Yes ____ No ____

Exhaust Ventilator.

An Atwood #1741, or equivalent, 4" exhaust ventilator rated at 230 CFM shall be installed in the patient compartment. A switch shall be provided in the patient compartment action area to operate this ventilator.

Proposal meets requirement: Yes ____ No ____

Oxygen, Main Supply and Installation

The ambulance shall have a hospital type piped oxygen system capable of storing and supplying a minimum of 3,000 liters of medical oxygen. The cylinder controls shall be accessible from inside the patient compartment. The oxygen cylinder pressure gauge shall be visible from either the attendant's seat or from the squad bench. Vendors shall indicate on the drawings submitted with the proposal response the location of the main oxygen supply cylinder.

Proposal meets requirement: Yes ____ No ____

Oxygen Cylinder Retention

The oxygen cylinder shall be secured in its compartment by a Zico QR-MV, or comparable, bracket. This rack shall secure an "M" or "H" size cylinder in a vertical position so that its gauge is visible through the oxygen-viewing window. Certifications from an independent testing laboratory that the oxygen cylinder restraint to be used has been tested to and passed the requirements of KKK-A-1822x and to AMD Standard 003, Oxygen Tank Retention

System shall be provided with the proposal package.

Horizontal storage of the main oxygen supply is acceptable to this agency and will be considered if it enhances the overall design of the interior.

There shall be installed in the oxygen compartment a non-sparking wrench sized to attach the oxygen regulator to the oxygen bottle, this wrench shall be tethered to the wall to prevent it from being lost.

Proposed vehicle shall come with two (2) Zico QR-D-2 Quic-release E cylinder bracket.

Proposal meets requirement: Yes ___ No ___

Oxygen Regulator

There shall be installed in the oxygen compartment an oxygen regulator for use with the "M" or "H" size cylinder. This regulator shall be a Victor model VMP-50 SN.

Proposal meets requirement: Yes ___ No ___

Oxygen Outlets

There shall be two (2) self-sealing Ohio type adaptable oxygen outlets located in the primary action area near the patient's head, and one (1) additional Ohio style outlet installed on the curbside wall near the curbside entry door close to ceiling height as to avoid head injury to occupants seated on the bench seat.

Proposal meets requirement: Yes ___ No ___

Flow meter

The ambulance shall be equipped with two (2) flow meter(s) with an Ohio style adapter. These flow meters shall be shipped loose with the vehicle.

Proposal meets requirement: Yes ___ No ___

XX. Preparation for Painting, Color, and Markings

Color, Paint, and Finish.

As required in paragraph 6-3.1 of NFPA 1901 and paragraph 3.16.1 of Federal Specification KKK-A-1822x the ambulance shall have all exposed metal surfaces not chrome plated, stainless steel or bright polished aluminum diamond plate thoroughly cleaned, prepared and painted.

The exterior body paint and priming components to be used are to be PPG brand materials. The final "second stage" manufacturer's painted components shall have paint film not less than 2 mils thick and a minimum total thickness of 4 mils, including primers. The final film of painted surfaces shall be smooth and uniform, free of grit, streaks, blushing, runs, sagging, blisters, "fish-eyes", pinholes, or other surface irregularities.

The painted exterior sheet metal of the ambulance body shall be capable of withstanding 250 hours of salt spray tested in accordance with ASTM B 117-64. The specimen used for the salt spray test shall be run through all steps of the cleaning and treating process, including priming. The painted specimen shall be scored from corner to corner using a sharp knife. After the test, the specimen panels shall exhibit no failure and not more than 1/8 inch rust or blister creepage from the scored lines. The Responder shall submit certifications from an independent testing laboratory that the "second stage" manufacturer being proposal has been tested for compliance and does comply with this requirement.

To insure the best possible surface protection, finish and appearance the following procedures must be complied with. The body shall be primed and finish painted with all exterior mounted items removed. This includes door hardware, warning lights, D.O.T. lighting, metal trim pieces, etc. It is NOT permissible under these proposal requirements to tape/mask off these items and paint around them. Full finish paint application must be behind all door hinges. The "second stage" manufacturer must then apply a vinyl tape made for preventing electrolysis between the stainless steel hinge and the painted doorjamb. This Agency will not accept a finished vehicle not meeting this requirement.

Proposal meets requirement: Yes____ No____

Paint Color

The finished base paint color shall be PPG white to match the Ford or equivalent chassis.

Proposal meets requirement: Yes____ No____

Compartment Interior Paint

The interior of the compartments shall be scuffed, prepped and painted with a non-permeable, non-conductive, chip resistant, textured, polychromatic, modified nitrocellulose coating. The base color for this coating shall be gray.

Proposal meets requirement: Yes____ No____

Vehicle Markings

D.O.T. Emblems and Markings

The ambulance shall be supplied with the emblems and markings as required in paragraph 3.16.4 of Federal Specification KKK-A-1822x and DHEC Regulation 61.7.

Proposal meets requirement: Yes____ No____

Cab and Body Reflective Striping

Reflective Scotchlite stripes shall be affixed to the perimeter of the apparatus. The stripes shall conform to ASTM D4956, Standard Specifications for Retro reflective Sheeting for Traffic Control, Type III, Class 1 or 3. The stripes of the ambulance shall consist of

reflective 3M brand adhesive tape. The striping pattern shall conform to the customer's striping requirements as outlined in the pre-construction meeting.

The rear of the vehicle body shall be covered with a retroreflective 45 degree down-and-away chevron pattern. The final color and pattern shall be determined during the pre-construction meeting from customer's requirements and color/pattern options provided by the vendor.

Proposal meets requirement: Yes____ No____

Pinstripe.

The final color stripe of the ambulance shall be bordered on both sides with black 3M-brand adhesive pinstripe tape. This tape shall be 1/4 inch wide. The Pinstripe will be determined during the pre-construction meeting.

Proposal meets requirement: Yes____ No____

Lettering

All lettering will be reflective and located as outlined in the pre-construction meeting.

Proposal meets requirement: Yes____ No____

XXI. Additional Equipment to be Supplied with Vehicle

Fire Extinguishers.

Unless otherwise precluded by this specification, the ambulance shall be equipped with two (2) 5 lbs. ABC dry chemical multi-purpose fire extinguishers with quick release brackets. These extinguishers shall be shipped loose with the vehicle unless mounting instructions are provided by this Agency during the pre-construction meeting.

Proposal meets requirement: Yes____ No____

IV cooler/warmer

Proposed vehicle shall include one (1) Medi-Kool Dual Temp unit mounted in a horizontal configuration. Unit shall be integrally mounted into the cabinetry, with final location to be determined during the pre-construction meeting.

Proposal meets requirement: Yes____ No____

Med Vault

Proposed vehicle shall have one (1) Knox MedVault 2 integrally mounted into interior cabinetry. Final location will be determined during pre-construction meeting.

Proposal meets requirement: Yes____ No____

Suction Aspirator, Primary Patient

Proposed vehicle shall be supplied with an on board vacuum aspirator. The unit shall be an Impact Model 324K suction system with 6' suction hose; 5' exhaust hose, (2) 1200 ml disposable canisters with lid and an integral basket style canister holder. Electronics certified to meet Mil-Std 461/462 as required by KKK-A-1822x.

Proposal meets requirement: Yes____ No____

LifePak Mount

Proposed Vehicle shall include one (1) National Creative Enterprises monitor/defibrillator mount (model number NCE H7000) for Physio Control LifePak 12/15. Final mounting location shall be determined during the pre-construction meeting.

Proposal meets requirement: Yes____ No____

IN ADDITION TO THE ABOVE, PROPOSALS MUST INCLUDE INSTALLATION OR NECESSARY MOUNTING OF THE FOLLOWING COUNTY SUPPLIED WIRING OR EQUIPMENT;

- **ROAD SAFETY WIRING HARNESS**
- **STRYKER COMBINED COT AND CHAIR MOUNTS**
- **GAMBER JOHNSON F450 CAB COMPUTER MOUNT**
- **INMOTION WIRING, ANTENNA AND ACCESSORIES**

THE COMPLETED AMBULANCE MUST MEET ALL KKK-A-1822x AND DHEC SPECIFICATION REGULATIONS IN-FORCE AT TIME OF DELIVERY.



**COUNTY OF GREENVILLE
2017 TYPE "T" AMBULANCES
RFP# 17-09/26/16**

INSTRUCTIONS/TERMS AND CONDITIONS:

1. Proposal Opening and Award: Proposals shall be publicly opened and only the names of the offerors disclosed at the proposal opening. However, no decision will be made until Procurement Services and the user Division have had ample time to review each proposal. However, award will be made at the earliest possible date. The County reserves the right to award in whole or in part, by item, group of items, geographic area or by section where such action serves the County's best interest. The contract will be awarded to the proposal that meets the requirements and criteria set forth in the request for proposal. No proposal may be withdrawn for a period of sixty (60) days after proposal opening date. Proposals, whether mailed or hand delivered, must be received and time/date stamped in the Procurement Services Office by the closing time and date indicated on the proposal. Proposals received after the closing time/date will not be accepted. By submission of a proposal, you are guaranteeing that all goods and services meet the requirement of the solicitation during the contract period.
2. Rights Reserved by Greenville County: Greenville County reserves the right to reject any and all proposals, any portion thereof, and waive any technicalities. Accordingly, the right is reserved to make awards in the best interest of the County. Integrity, reputation, experience and past performance will be heavily weighed in proposal evaluation. This solicitation does not commit the County of Greenville to award a contract, to pay any costs incurred in the preparation of the proposal, or to procure or contract for goods or services listed herein.
3. Responders Qualification: Responders must, upon request of the County, furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. The County reserves the right to make the final determination as to the responder's ability to provide the products or services requested herein.
4. Responders Responsibility: Each responder shall be fully acquainted with the conditions relating to the scope and restrictions attending the execution of the work under the conditions of this proposal. It is expected that this will sometimes require on-site observation. The failure or omission of a bidder to be acquainted with existing conditions shall in no way relieve the bidder of any obligations with respect to this proposal or to any contract as a result of this proposal.
5. References: The County requires responders to list at least three (3) references, names, addresses and telephone numbers of contact persons for companies with whom the bidder has performed or provided similar work, service or product.
6. Waiver: The County reserves the right to waive any Instructions to Responders, General or Special Terms and Conditions, specifications, or technicalities when it is deemed to be in the best interest of the County to do so.

7. Rejection: Greenville County reserves the right to reject any proposal that contains prices for individual items or services that are inconsistent or unrealistic when compared to pricing of like proposals; or ambiguous proposals which are uncertain as to terms, delivery, quantity, or compliance with specifications may be rejected or otherwise disregarded if such action is in the best interest of the County.
8. Proposal form: The responder shall sign his proposal correctly or the proposal may be rejected. If the proposal shows any omissions, alteration of form, unauthorized additions, a conditional proposal or any irregularities of any kind, the proposal may be rejected. Proposals will be accepted on bound 8-1/2" x11" paper.
9. Questions: Questions shall be submitted in writing to Nadine Chasteen, CPPO, CPPB, Procurement Services Division, 301 University Ridge, Suite 100, Greenville SC, 29601, or Fax to (864) 467-7304 or by E-Mail to nchasteen@greenvillecounty.org by **5:00 P.M. E.D.T., September 19, 2016**.
10. Proposal Bond: Responders shall submit with their proposal a proposal bond in the amount of 5% of the proposal price. This bond may be in the form of Proposal Bond from the American Institute of Architects, Certified Check, Cashier's or Bank Money Order of any national or state bank and shall be made payable to Greenville County. Proposals submitted without being accompanied by any of the foregoing as required, shall be considered informal and will be rejected. Any proposal accompanied by a proposal bond not properly executed in the opinion of the County Attorney, may be rejected. The bond will be forfeited to the County by the successful responder as liquidated damages in case a proposal award is made to that responder and the contract and bond are not promptly and properly executed.
11. Return of Proposal Bond: When proposals are awarded, the Procurement Services Division will return immediately all checks, except that of the successful responder. The check of the successful responder will be returned upon compliance with the performance and payment bond requirements.
12. Performance and Payment Bond: The successful responder, within fifteen (15) working days after acceptance of the responder's offer by the County, shall furnish a satisfactory performance and payment bond in the amount of the total proposal price. The performance and payment bond must be received by the county prior to issuance of an executed contract and Notice to Proceed. The fifteen (15) working days may be extended upon written approval by the Purchasing Manager. A copy of the written approval shall be transmitted to the successful responder stating the terms of any extension. In the event that the responder fails to deliver to the County Purchasing and Contracts Division the performance and payment bond in said period of fifteen (15) working days after acceptance of the responder's offer by the County, then the proposal bond of the responder shall be retained by the County in its entirety and the award will be withdrawn from the responder. The Bond must have approval by the County Attorney's Office before it is made effective. The successful responder shall have as surety a corporate surety authorized to act as surety in South Carolina. The Performance and Payment Bond will insure that the successful responder will promptly make payments to all persons supplying labor or materials to the responder; and shall guarantee to indemnify and save the County, its officers, divisions, and employees harmless from all costs, damages, and expenses growing out of or by reason of the successful responder's failure to comply and perform the work and complete the contract in accordance with the specifications in the matter of making, furnishing and/or

delivering said work or supplies. The Performance and Payment Bond will be in effect for one year after completion of the contract.

13. Availability of Bonding Agency: In addition, the bonding company must have an agent available to meet with County officials to clarify and explain the County's responsibility in maintaining the integrity of the bond.
14. Specification Changes, Additions and Deletions: All changes in specifications shall be in writing in the form of an addendum and furnished to all responders. The County of Greenville shall not be responsible for any verbal information given by any employees of the County of Greenville in regard to this proposal.
15. Number of Proposal Copies: Please submit One (1) Scan-Ready Original and Four (4) Bound Copies of your proposal.
16. Proposal Changes: Proposals, amendments thereto or withdrawal requests received after the advertised time for proposal opening, shall be void regardless of when they were mailed.
17. Proposal Price: The proposal price presented as a result of these specifications shall be for the contract period. The proposal shall be acceptable for sixty (60) days from the date of opening. All prices and notations shall be printed in ink or typewritten. Errors should be crossed out, corrections entered and initialed by the person signing the proposal. Erasures or use of typewriter correction fluids may be cause for rejection. No proposal shall be altered or amended after specified time for opening.
18. Federal, State and Local Laws: The contractor assumes full responsibility and liability for compliance with any and all local, state and federal laws and regulations applicable to the contractor and his employees including, but not limited to, compliance with the EEO guidelines, the Occupational Safety and Health Act of 1970, and minimum wage guidelines.
19. Tie Proposals: In the case of tie proposals, the County reserves the right to make the award based on the factors outlined in Section 3-202 of the Procurement Ordinance, or in what it considers to be in the best interest of the County.
20. Deduction and Holdbacks: In addition to the County's right of termination, the County shall be entitled to full reimbursement for any costs incurred by the County by reason of the contractor's failure to perform or to satisfactorily perform its responsibilities and duties. Such costs may include, but are not limited to, the cost of using the County's employees or employees of any other entity to perform the obligations of the contract. The County may obtain any such reimbursement by deduction from payments otherwise due to the contractor or by any other proper and lawful means. All deductions from any money due the contractor are to be as liquidated damages and not as a penalty. It is the County's intent to give the contractor a reasonable opportunity whenever practicable, to correct any such failure to perform or satisfactorily perform its responsibilities and duties. In no circumstances shall any uncorrected situation extend for more than five days. The County will make the following deductions from the contract sum in the event that the contractor fails to perform any of the required work within the required time limits in the event the County carries out the work using its forces or another contractor.

1. For use of County's forces – actual cost involved.
2. For use of another contractor – the amount charged by said contractor.

The County reserves the right to hold back and/or withhold part of complete payments for unsatisfactory work, deficiencies, etc. until said defects are satisfactorily corrected or cleared.

21. Evaluation Criteria:

The proposals will be evaluated on the following criteria utilizing the score sheet included in this RFP on page 63. Greenville County reserves the right to interview responders to this RFP at its discretion. Greenville County will not be responsible for any costs associated with interviews of responders.

- Responsiveness to this RFP.
- Demonstrated capabilities and qualifications.
- Experience and past performance on similar size scope and projects.
- Design and engineering reliability factors.
- Logistical and service support.
- References.
- Cost.

22. Quality: Unless otherwise indicated in this proposal it is understood and agreed that any items offered or shipped on this proposal shall be new and in first class condition unless otherwise indicated herein.

23. MBE/WBE Participation – Affirmative Action:

- A. MBE/WBE – Vendors submitting proposals are encouraged to solicit MBE/WBE participation in fulfilling their contract. Indicate in your response any MBE/WBE areas of involvement for monitoring purposes.
- B. The successful vendor will take affirmative action in complying with all Federal and State requirements concerning fair employment and treatment of all employees, without regard or discrimination by reason of race, color, religion, age, sex, national origin or physical handicap.

24. Default: In case of default by vendor the County may procure the item or services from other sources and may recover the loss occasioned thereby from any unpaid balance due the vendor or by proceeding against the vendor's performance bond, if any, and/or by suit against vendor.

25. Termination for Cause: This contract is subject to termination for failure to comply with the specifications, terms and conditions by the County or the contractor upon written notice by registered mail. Such termination will be effective not less than ten (10) days nor more than

sixty (60) days after receipt of such notice from the County nor less than thirty (30) days nor more than sixty (60) days after receipt by the County from the contractor. Receipt of notice by one party to terminate the contract will nullify any subsequent reciprocal notice by the receiving party prior to the announced termination date. In the event of termination the County shall be responsible to pay the contractor only for work satisfactorily completed upon the effective date of termination and shall not be responsible for any other charges.

26. Termination for Convenience: Greenville County may terminate for convenience any contract resulting from this solicitation by providing sixty (60) calendar days advance written notice to the vendor.
27. Non-Appropriation: Any contract entered into by the County resulting from this invitation shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal period or appropriated year.
28. Incorporation of Proposal into Contract: The terms, conditions, and specifications of this proposal and the selected firm's response are to be incorporated, in total, into the contract.
29. S.C. Law Clause: Upon award of contract under this proposal, the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina which require such person or entity to be authorized and/or licensed to do business with this State. Notwithstanding the fact that applicable statutes may exempt or exclude the successful bidder from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed proposal, the bidder understands and agrees to be bound to the jurisdiction and process of the courts of the State of South Carolina, as to all matters and conflicts or future conflicts under the contract and the performance thereof, including any questions as to the liability for taxes, licenses, or fees levied by the State.
30. Illegal Immigration Reform Act Compliance: By submitting an offer, Contractor certifies that it will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina Code of Laws (originally enacted as Section 3 of The South Carolina Illegal Immigration Reform Act , 2008 S.C. Act No. 280) and agrees to provide upon request any documentation required to establish either: (a) the applicability of Title 8, Chapter 14 to Contractor and any subcontractors or sub-subcontractors; or (b) the compliance with Title 8, Chapter 14 by Contractor and any subcontractor or sub-subcontractor. Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony, and upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both." Contractor agrees to include in any contracts with its subcontractors language requiring the subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14, and (b) include in any contracts with the sub-subcontractors language requiring the sub- subcontractor to comply with the applicable requirements of Title 8, Chapter 14. In the event any contractor, subcontractor and/or sub-subcontractor is found not to be in compliance with the SC Immigration Reform Act [hereinafter "The Act"], the contractor agrees to fully indemnify the County for any loss suffered by the County as a result of such contractor, subcontractor or sub-subcontractor's failure to comply with the Act.

31. Assignment Clause: Successful responder will be required to give the County ninety (90) days notice in the event of a change in the ownership of this contract. The County is under no obligation to continue this contract with an assignee. No contract or its provisions may be assigned, sublet, or transferred without the written consent of the County.
32. Indemnification: The contractor agrees to indemnify and save harmless the County of Greenville and all County officers, agents and employees from any and all claims, suits, actions, legal proceedings, damages, costs, expenses & attorney fees of every name and description, arising out of or resulting from the use of any materials furnished by the contractor, or any work done in the performance of the contract arising out of a willful or negligent act or omission of the provider, its officers, agents and employees; provided that such liability is not attributable to a willful or negligent act or omission on the part of the County, its officers, agents and employees.
33. Deviations from Specifications: Any deviation from specifications indicated herein must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful bidder will be held responsible therefore. Deviations must be explained in detail on separate attached sheets(s). The listing of deviations, if any, is required but will not be construed as waiving any requirements of the specifications. Deviations found in the evaluation of the proposal and not listed may be cause for rejection. Responders offering substitute or equal items must provide information sufficient enough to determine acceptability of item offered.
34. Minor Deviations: The County reserves the right to negotiate minor deviations from the prescribed terms, conditions and requirements with the selected vendor.
35. Contractor License Requirement: The contractor shall procure all permits and licenses, and pay all charges and fees necessary and incidental to the lawful conduct of his business. He shall keep himself fully informed of existing and future Federal, State, and Local Laws, ordinances and regulations which in any manner affect the fulfillment of his contract and shall comply with the same.
36. Conflict of Interest Statement: The contractor may become involved in situations where a conflict of interest could occur due to individual or organizational activities within the County. The vendor, by submitting a proposal, is in essence assuring the County that his company, and/or subcontractors, is in compliance with all federal, state, and local conflict of interest laws, statutes, and regulations.
37. Insurance:
The contractor is responsible for and must have all required insurance listed below and shall not commence work under the associated contract until it has obtained all insurance required, and the County has approved such insurance in writing, nor shall the Contractor allow any subcontractor to commence work on its subcontract until all similar insurance required of the subcontractor has been obtained. All insurance policies shall be maintained for the life of the contract.

- A. THE COUNTY SHALL BE NAMED AS “ADDITIONAL INSURED” FOR ITS INTEREST on all policies of insurance except Worker’s Compensation, Automobile Liability, and Professional Errors and Omissions, as regards ongoing operations, products and completed operations, and this shall be noted on the face of the Certificate of Insurance. As a part of the certificate of insurance requirement the contractor shall also include acknowledgement and acceptance of the wavier of subrogation provision granted to the County of Greenville. This acknowledgement and acceptance should be included in the same section of the Certificate of Insurance that evidences the “Additional Insured” provision.
- B. Certificates for all such policies of insurance shall be provided by the Contractor's insurance agent or broker to the County within 10 working days from the date of Notice of Award.
- C. All Certificates of Insurance submitted shall provide on the face of the certificate reference to County's RFP#17-09/26/16.
- D. Contractor will provide County a minimum of 30 days advance notice in the event the insurance policies (or an insurance policy) are canceled.
Subcontractors approved to perform work on this project are subject to all of the requirements in this Section.
- E. Contractor agrees to maintain and keep in force during the life of this Agreement, with a company or companies authorized to do business in South Carolina, the following insurance policies:

Comprehensive General Liability:

1,000,000 per occurrence - combined single limit / \$2,000,000 general aggregate, to include products and completed operations.

Automobile Liability:

\$1,000,000 per occurrence - combined single limit (Coverage shall include bodily injury and property damage and cover all vehicles including owned, non-owned and hired)

Statutory Worker's Compensation:

Coverage A - State of SC

Coverage B - Employers liability

\$1,000,000 Each Accident

\$1,000,000 Disease, Per Employee

\$1,000,000 Disease, Policy Limit

Policies shall contain a waiver of subrogation in favor of and/or that applies to the County of Greenville, its departments, agencies, boards, employees, and commissions for losses from work performed by or on behalf of the contractor.

Umbrella/Excess Liability

\$1,000,000 per occurrence primary insurance

\$1,000,000 annual aggregate

No deviation from these coverages will be accepted unless, in the County's sole discretion, it is more advantageous to the County, i.e., \$1,000,000 - a \$2,000,000 or \$5,000,000 limit would be acceptable.

38. Contracts: The County reserves the option to prepare and negotiate its own contract with the vendor, giving due consideration to the stipulations of the vendor's contracts and associated legal documents. Vendors should include with their submittal a copy of any proposed standard contract.
39. Contractor Liability: The contractor assumes full responsibility for all injuries to, or death of any person and for all damage to property, including property and employees of the County and for all claims, losses or expense which may in any way arise out of the performance of the work, whether caused by negligence or otherwise; and the contractor shall indemnify and save the County harmless from all claims, losses, expense, or suits for any such injuries, death or damages to property, and from all liens, losses, expenses, claims or causes of action of any sort which may arise out of the performance of the work, and shall defend, on behalf of the County and suit brought against the County for attorney's fees and for all other expenses incurred by the County in connection with or as a result of any such suit, claims, or loss. Under no circumstances and with no exception will Greenville County act as arbitrator between the contractor and any subcontractor. The contractor will be solely responsible for compliance with building code requirements, all dimensions, and all conditions relating to his work under this contract. Workmanship shall be first quality in every respect. All measures necessary to ensure a first class job shall be taken.
40. Sub-Contracting: The contractor shall not subcontract any portion of this contract without proper written approval from the County.
41. Non-Collusion: The contractor expressly warrants and certifies that neither the Contractor nor its employees or associates has directly or indirectly entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in conjunction with this proposal.
42. Prohibition of Gratuities: Neither the contractor nor any person, firm or corporation employed by the contractor in the performance of the contract shall offer or give, directly or indirectly, to any employee or agent of the County, any gift, money, or anything of value, or promise any obligations, or contract for future reward or compensation at any time during the term of this contract.
43. Publicity Releases: Contractor agrees not to refer to the award of this contract in commercial advertising in such a manner as to state or imply that the products or services provided are endorsed or preferred by the user. The contractor shall not have the right to include the County's name in its published list of customers without prior approval of the County. With regard to news releases, only the name of the County, type and duration of contract may be used and then only with prior approval of the County. The contractor also agrees not to publish, or cite in any form, any comments or quotes from the County Staff unless it is a direct quote from the Public Information Officer.

44. Public Record: The County of Greenville is a public body and governed by the South Carolina Freedom of Information Act. Documents submitted to the County relating to this Request for Proposals are subject to requirements of the Freedom of Information Act and may be deemed public records.
45. Precedence: In the event of conflict between the terms and conditions and the specifications, the more restrictive instruction shall take precedence unless stated otherwise in the specifications.



SCORE SHEET

**Responses for
2017 TYPE ‘T’ AMBULANCES
RFP # 17-09/26/16**

VENDOR: _____

DATE: _____

Non Responsive						CRITERIA	Total Score	Comments
	Low	Medium Low	Average	Medium High	High			
0	1	2	3	4	5	Responsiveness to this RFP.		
0	1	2	3	4	5	Demonstrated capabilities and qualifications.		
0	1	2	3	4	5	Experience and past performance on similar size scope and projects.		
0	1	2	3	4	5	Design and engineering reliability factors.		
0	1	2	3	4	5	Logistical and service support.		
0	1	2	3	4	5	References.		
0	1	2	3	4	5	Cost.		

Maximum Points 35

Total Score _____

Notes:

This **TYPE “I” AMBULANCE PURCHASE AGREEMENT** is made and entered into on this _____ day of _____, 2016, by and between the **COUNTY OF GREENVILLE**, a political subdivision of the State of South Carolina, having its principal place of business at 301 University Ridge, Greenville, S. C. 29601 (“**County**”), and _____ having its principal place of business located at _____ (“**Seller**”).

WHEREAS, the **County**, via a Request for Proposal (“RFP”) #17-09/26/16 requested the submission of proposals from vendors to provide five (5) 2014 Type “I” Ambulances, and

WHEREAS, the **County**, upon receipt and review of the proposals submitted has determined that the **County’s** interests will be best served through a purchase arrangement relating to the Type “I” Ambulance and

NOW, THEREFORE, in consideration of the covenants hereinafter set forth, the parties mutually agree as follows:

1. **Description of Ambulance.** The **County** agrees to purchase and **Seller** agrees to sell five (5) 2017 Type “I” Ambulance with the option to purchase up to six (6) additional vehicles over a period of twenty-four (24) months.

The County has the right to waive any informalities, irregularities and technicalities in procedure.

The specifications for the 2017 Type “I” Ambulances are more particularly set forth in Greenville **County** RFP #17-09/26/16 and in **Seller’s** Response, dated _____, to Greenville County RFP #17-09/26/16. All applicable serial numbers will be provided to **County** prior to delivery.

2. **Delivery.** The ambulance shall be delivered F.O.B. to the **Greenville County Vehicle Services** located at 657 Keith Drive, Greenville, SC 29615. The ambulance must be delivered no later than 150 days after the Notice to Proceed.

3. **Payment.** The **County** agrees to pay **Seller** a total sum not to exceed _____ (\$XXXXX.XX) dollars.

4. **Non-Appropriation.** It is understood and agreed by the parties that in the event funds are not appropriated in the current fiscal year or any subsequent fiscal years, this contract will become null and void and the County will only be required to pay for services completed to the satisfaction of the County.

5. **Warranties.** The warranties provided by **Seller** to the **County** are more fully set forth in Greenville County RFP #17-09/26/16 and in **Seller's** response, dated _____, to Greenville County RFP #17-09/26/16.

6. **Insurance.** **The contractor is responsible for and must have all required insurance listed below and shall not commence work under the associated contract until it has obtained all insurance required, and the County has approved such insurance in writing, nor shall the Contractor allow any subcontractor to commence work on its subcontract until all similar insurance required of the subcontractor has been obtained. All insurance policies shall be maintained for the life of the contract.**

A. THE COUNTY OF GREENVILLE SHALL BE NAMED AS "ADDITIONAL INSURED" FOR ITS INTEREST on all policies of insurance, except Worker's Compensation, Automobile Liability and Professional Errors and Omissions, regarding ongoing operations, products and completed operations, and this shall be noted on the face of the Certificate of Insurance. As a part of the Certificate of Insurance requirement the contractor shall also include acknowledgement and acceptance of the waiver of subrogation provision granted to the Tigerville Fire Department. This acknowledgement and acceptance should be included in the same section of the Certificate of Insurance that evidences the "Additional Insured" provision.

B. Certificates for all such policies of insurance shall be provided by the contractor's insurance agent or broker to the County within 10 working days from the date of Notice of Award.

C All Certificates of Insurance submitted shall provide on the face of the certificate reference to County's RFP#17-09/26/16.

D. Contractor will provide County a minimum of 30 days advance notice in the event the insurance policies (or an insurance policy) is canceled.

E. Subcontractors approved to perform work on this project are subject to all of the requirements in this Section.

F. Contractor agrees to maintain and keep in force during the life of this Agreement, with a company or companies authorized to do business in South Carolina, the following insurance policies:

Comprehensive General Liability:

\$1,000,000 per occurrence - combined single limit / \$2,000,000 general aggregate, to include products and completed operations.

Automobile Liability:

\$1,000,000 per occurrence - combined single limit (Coverage shall include bodily injury and property damage and cover all vehicles including owned, non-owned and hired)

Statutory Worker's Compensation:

Coverage A - State of SC

Coverage B - Employers liability

\$1,000,000 Each Accident

\$1,000,000 Disease, Per Employee

\$1,000,000 Disease, Policy Limit

Policy shall contain a waiver of subrogation against the Tigerville Fire Department, its departments, agencies, boards, employees, and commissions for losses from work performed by or on behalf of the contractor.

Umbrella/Excess Liability

\$1,000,000 per occurrence over primary insurance

\$1,000,000 annual aggregate

No deviation from these coverages will be accepted unless, in the County's sole discretion, it is more advantageous to the County, i.e., \$1,000,000 - a \$2,000,000 or \$5,000,000 limit would be acceptable.

7. **Performance and Payment Bond.** Contractor shall furnish a satisfactory Performance and Payment Bond in the amount of the total contract price no later than fifteen (15) business days after the date of the Notice of Award. The Bond must have approval by the County Attorney's Office before it is made effective. The Contractor shall have as surety a corporate surety authorized to act as surety in South Carolina. The Performance and Payment Bond shall remain in effect for one year after completion of the contract.

8. **Indemnification.** The contractor agrees to indemnify and save harmless the County of Greenville and all County officers, agents and employees from any and all claims, suits, actions, legal proceedings, damages, costs, expenses and attorney fees of every name and description, arising out of or resulting from the use of any materials furnished by the contractor, or any work done in the performance of the contract arising out of a willful or negligent act or omission of the provider, its officers, agents and employees; provided that such liability is not attributable to a willful or negligent act or omission on the part of the County, its officers, agents and employees.

9. **Patents and Royalties.** Seller agrees to defend, indemnify and hold the County harmless from and against any loss, damage, claim or action, including all expenses incidental to such claim and action, for or on account of any copyrighted, patented or non-patented invention, process, or

article of manufacture or used in the performance of this Agreement, including its use by the **County**. Should **Seller** use any design, device or material covered by letters, patent or copyright, it is mutually understood and agreed, without exception, that the price of the fire truck shall include all royalties or costs arising from the use, in any way, of such design, device or material.

10. **Assignment**. This Agreement may not be assigned by either party without the prior written consent of the other party.

11. **Contract Documents**. This Agreement, along with the provisions contained in Greenville County RFP #17-09/26/16 and Seller's Response, dated _____, to Greenville County RFP #17-09/26/16 represents the entire agreement between the parties and supersedes any and all prior agreements, whether written or oral, that may exist between the parties regarding same. If there is a conflict between any of the terms of these contract documents the order of precedence of these contract documents shall be:

- A. Any amendment dated after the date of this Agreement signed and executed by the parties;
- B. This Agreement;
- C. Seller's Response, dated _____, to Greenville County RFP #17-09/26/16, and
- D. Greenville County RFP #17-09/26/16.

12. **Severability**. Should any section, paragraph, clause, phrase, or provision of this Agreement be determined invalid or held unconstitutional by a court of competent jurisdiction, such declaration shall not affect the validity of this Agreement as a whole or any part or provision thereof, other than the part so decided to be invalid or unconstitutional.

13. **Applicable Law and Venue**. The construction, interpretation and performance of this Agreement shall be governed by and construed in accordance with the laws of the State of South Carolina.

The **County** and **Seller** further agree that this Agreement shall be deemed to be made and performed in Greenville County, South Carolina. For the purposes of venue, all suits or causes of action arising out of this Agreement shall be brought in the courts of Greenville County, South Carolina.

14. **Illegal Immigration Reform Act Compliance**. By submitting an offer, Contractor certifies that it will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina Code of Laws (originally enacted as Section 3 of The South Carolina Illegal Immigration Reform Act , 2008 S.C. Act No. 280) and agrees to provide upon request any documentation required to establish either: (a) the applicability of Title 8, Chapter 14 to Contractor and any subcontractors or sub-

subcontractors; or (b) the compliance with Title 8, Chapter 14 by Contractor and any subcontractor or sub-subcontractor. Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony and upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both." Contractor agrees to include in any contracts with its subcontractors language requiring the subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14, and (b) include in any contracts with the sub-subcontractors language requiring the sub- subcontractor to comply with the applicable requirements of Title 8, Chapter 14. In the event any contractor, subcontractor and/or sub-subcontractor is found not to be in compliance with the SC Immigration Reform Act [hereinafter "The Act"], the contractor agrees to fully indemnify the County for any loss suffered by the County as a result of such contractor, subcontractor or sub-subcontractor's failure to comply with the Act.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first above written.

WITNESSES:

CONTRACTOR

By: _____

Its: _____

COUNTY OF GREENVILLE

By: _____

Bob Taylor, Chairman
Greenville County Council

By: _____

Joseph M. Kernell
County Administrator

ATTEST:

Theresa B. Kizer, c.c.c.
Clerk to Council