



Jackson County Board of Commissioners

67 Athens Street
Jefferson, Georgia 30549
Phone: (706) 367-6309
Fax: (706) 367-1505
Email: lbernata@jacksoncountygov.com

TO: Ambulance Manufacturing Companies

DATE: April 8, 2016

SUBJECT: Invitation to Bid for One (1) Ambulance

You are invited to submit a proposal to the Jackson County Board of Commissioners, Jefferson, Georgia for the purchase of one (1) ambulance built to the specifications outlined in this Invitation to Bid (ITB).

Attached hereto are the general conditions, technical specifications, and submittal format.

The written requirements contained in this Invitation to Bid (ITB) shall not be changed or superseded except by written addendum from Jackson County Purchasing Department. Failure to comply with the written requirements for this ITB may result in disqualification of the submittal by Jackson County.

Submittals are to be sealed, marked with the vendor's name and address and labeled: **“ITB 6130-01”, “2016 Ambulance Bid”** and delivered to:

Jackson County Board of Commissioners
Attention: Purchasing Manager
67 Athens Street
Jefferson, GA 30549

not later than **MONDAY, MAY 9, 2016 AT 10:00 AM, local time prevailing.**

A qualified interpreter for the hearing impaired is available upon request at least 10 (ten) days in advance of the proposal receipt date. Please call (706) 367-6312 for more information for the hearing impaired. This service is in compliance with the Americans with Disabilities Act (ADA).

Jackson County reserves the right to reject any and all submittals, to waive any technicalities or irregularities and to award contracts based on the highest and best interest of Jackson County.

Inquiries regarding this Invitation to Bid (ITB) should be made to Len Bernat, Purchasing Manager at phone number (706) 367-6309, by fax at (706) 367-1505, or by email lbernata@jacksoncountygov.com.

JACKSON COUNTY GOVERNMENT

INVITATION TO BID FOR ONE (1) AMBULANCE

SUBMISSIONS ARE DUE AT THE ADDRESS SHOWN BELOW NO LATER THAN

MONDAY, MAY 9, 2016 AT 10:00 AM, local time prevailing

**JACKSON COUNTY BOARD OF COMMISSIONERS
ATTENTION: PURCHASING MANAGER
67 ATHENS STREET
JEFFERSON, GA 30549**

ITB # 6130-01

THE RESPONSIBILITY FOR SUBMITTING A RESPONSE TO THIS ITB ON OR BEFORE THE STATED DATE AND TIME WILL BE SOLELY AND STRICTLY THE RESPONSIBILITY OF THE OFFEROR.

ISSUE DATE: April 8, 2016

**JACKSON COUNTY, GEORGIA
INVITATION TO BID
FOR
ONE (1) AMBULANCE**

SECTION I - INVITATION TO BID OVERVIEW

A. PURPOSE

Jackson County Board of Commissioners is issuing this Invitation to Bid (ITB) to Ambulance Manufacturing Companies for purchase of one (1) Ambulance built to the specifications outlined in this ITB.

B. INFORMATION TO VENDORS

1. ITB TIMETABLE

The anticipated schedule for the ITB is as follows:

ITB Available	April 8, 2016
Deadline for questions	May 2, 2016 AT 3:00 PM
Submittal deadline	MONDAY, MAY 9, 2016 10:00 AM, local time prevailing

2. ITB SUBMISSION:

One (1) original and three (3) copies of the complete signed submittal must be received **MONDAY, MAY 9, 2016, by 10:00 AM, local time prevailing**. Proposals must be submitted in a sealed envelope stating on the outside, the vendor's name, address, the **ITB Number 6130-01** and title **(2016 Ambulance Bid)** to:

**Jackson County Board of Commissioners
Attention: Purchasing Manager
67 Athens Street
Jefferson, GA 30549**

Hand delivered copies may be delivered to the above address ONLY between the hours of 8:30 a.m. and 4:30 p.m. ET, Monday through Friday, excluding holidays observed by the Jackson County Government.

Vendors are responsible for informing any commercial delivery service, if used, of all delivery requirements and for ensuring that the required address information appears on the outer wrapper or envelope used by such service.

The Submittal must be signed by a company officer who is legally authorized to enter into a contractual relationship in the name of the vendor.

3. CONTACT PERSON:

Vendors are encouraged to contact **Len Bernat, Purchasing Manager at (706) 367-6309, by fax at (706) 367-1505 or email lbernat@jacksoncountygov.com** to clarify any part of the ITB requirements. All questions that arise prior to the DEADLINE FOR QUESTIONS due date shall be directed to the contact person in writing via facsimile or email. Any unauthorized contact shall not be used as a basis for responding to this ITB and also may result in the disqualification of the vendor's submittal.

Vendors may not contact any elected official or other County Employee to discuss the proposal process or proposal opportunities. Contact of this nature will result in immediate disqualification of the vendor.

4. ADDITIONAL INFORMATION/ADDENDA

Jackson County will issue responses to inquiries and any other corrections or amendments it deems necessary in written addenda issued prior to the due date. Vendors should not rely on any representations, statements or explanations other than those made in this ITB or in any addendum to this ITB. Where there appears to be a conflict between the ITB and any addenda issued, the last addendum issued will prevail.

Vendors must acknowledge any issued addenda by including the Addenda Acknowledgement Form with the submittal. Proposals which fail to acknowledge the vendor's receipt of any addendum will result in the rejection of the offer if the addendum contains information which substantively changes the Owner's requirements

5. LATE SUBMITTAL, LATE MODIFICATIONS AND LATE WITHDRAWALS

Submittals received after the due date and time will not be considered. Modifications received after the due date will not be considered. Jackson County Government assumes no responsibility for the premature opening of a proposal not properly addressed and identified, and/or delivered to the proper designation.

6. REJECTION OF PROPOSALS

Jackson County Government may reject any and all submittals and reserves the right to waive any irregularities or informalities in any submittal or in the submittal procedure.

Submittals received after said time or at any place other than the time and place as stated in the notice will not be considered.

7. MIMINUM ITB ACCEPTANCE PERIOD

Valid submittals shall not be withdrawn for a period of 60 days from the date specified for receipt of submittals.

8. NON-COLLUSION AFFIDAVIT

By submitting a response to this ITB, the vendor represents and warrants that such proposal is genuine and not a sham or collusive or made in the interest or in behalf of any person not therein named and that the vendor has not directly or indirectly induced or solicited any other vendor to put in a sham proposal, or any other person, firm or corporation to refrain from submitting and that the vendor has not in any manner sought by collusion to secure to that vendor any advantage over any other vendor.

By submitting a proposal, the vendor represents and warrants that no official or employee of Jackson County Government has, in any manner, an interest, directly or indirectly in the proposal or in the contract which may be made under it, or in any expected profits to arise there from.

9. COST INCURRED BY VENDORS

All expenses involved with the preparation and submission of the ITB to the Jackson County Board of Commissioners, or any work performed in connection therewith is the responsibility of the vendor(s).

10. AMERICANS WITH DISABILITIES ACT (ADA)

A qualified interpreter for the hearing impaired is available upon request at least ten (10) days in advance of the proposal due date. This service is in compliance with the Americans with Disabilities Act (ADA). Please call (706) 367-6312 for more information for the hearing impaired.

11. ITB OPENING

The names of the Companies submitting a response to this ITB will be read aloud on the Due Date of the ITB. A list of names of firms responding to the ITB may be obtained from Len Bernat, Purchasing Manager, after the ITB due date and time stated herein.

12. TAXES.

Selected vendor will be provided with Jackson County's Sales and Use Tax Certificate of Exemption number upon request.

13. VENDOR INFORMATION

All submissions shall include a completed vendor master form and current W-9. Vendors whose place of business is other than the State of Georgia may be required to provide the Purchasing Manager with copies of your state's regulations and/or laws concerning the application of certain vendor preference requirements to vendors whose place of business is in the applicable state. Failure

to provide this information will result in the disqualification of the vendor from submitting a proposal.

14. INSURANCE

Selected vendor will be required to provide proof of liability and workman's compensation insurance before work can begin on this County project. Workman's Compensation Insurance should be as required by the State of Georgia. General Liability should cover \$1,000,000 per incident.

15. TERMINATION

Federal, State, and other Local government agencies may terminate this Agreement in the event funds are not appropriated for it in future periods; provided, however, that funds are also not appropriated for equipment or services that replace those contracted for under this Agreement. Customer shall be obligated for any future annual period if Company is not notified in writing at least thirty (30) days prior to the beginning for the annual period for which non-appropriation is being claimed.

16. ANTI-DISCRIMINATION

By submitting a response to this ITB, all perspective contractors certify to Jackson County that they will conform to the provisions of the Federal Civil Rights Act of 1964, as amended.

17. ILLEGAL IMMIGRATION REFORM AND ENFORCEMENT ACT OF 2011

Vendors submitting a response to this ITB must complete the Contractor Affidavit under O.C.G.A. §13-10-91(b)(1) which is provided with the ITB package to verify compliance with the Illegal Immigration Reform and Enforcement Act of 2011.

A. The form must be signed by an authorized officer of the contractor or their authorized agent.

B. The form must be notarized.

C. The contractor will be required to have all subcontractors and sub-subcontractors who are engaged to complete physical performance of services under the final contract executed between the County and the contractor complete the appropriate subcontractor and sub-subcontractor affidavits and return them to the County a minimum of five (5) days prior to any work being accomplished by said subcontractor or sub-subcontractor. Format for this affidavit can be provided to the contractor if necessary.

SECTION II - GENERAL CONDITIONS

1. Purpose:

Jackson County Board of Commissioners is issuing this Invitation to Bid (ITB) to Ambulance Manufacturing Companies for purchase of one (1) Ambulance built to the specifications outlined in this ITB.

2. Contract Period:

Any contract resulting from this ITB shall not exceed a period of 180 days from the time the notice to proceed is provided until completion of the project unless agreed to in writing by both parties. The contract will be in the form of a Purchase Order. By accepting the Purchase Order from Jackson County, the Company that is selected by the Board of Commissioners to provide the ambulances is contracting to build the ambulance according to the specifications listed herein and per the response to the ITB provided to Jackson County at the price proposed or negotiated and thereby listed on the Purchase Order.

3. Project Scope:

- A. The vendor who is awarded this proposal shall be required to fabricate an Ambulance Medical Compartments that meet the requirements of Federal Specification KKK-A-1822F, AMD Standards 001-009.
- B. Appendix 1 contains the detailed specification for the Ambulance Medical Compartment. This Appendix must be copied and every question in the specification must be reviewed and answered to allow the review committee to evaluate your proposed medical unit.
- C. The manufacturer will provide the Cab and Chassis for the Ambulance. Jackson County will accept the Freightliner M2 106 Cab and Chassis only.
 - a. Appendix 2 details the specifications for a Freightliner M2106 Cab and Chassis. The manufacturer who wishes to offer a proposal using this Cab and Chassis will copy this Appendix and will highlight any exceptions to the unit they are proposing. An explanation of the exception should then be attached to the Appendix for consideration. If no highlights are made on the printout, Jackson County will assume the proposal matches our specifications exactly as presented.
- D. Appendix 3 contains forms that the Purchasing Department requires each vendor to complete and return with their proposal. Each vendor must complete these forms to have their proposal considered by the Purchasing Department.
- E. Jackson County reserves the right to separate the Cab and Chassis from the bid if it is advantageous for the County to purchase the Cab and Chassis from a vendor directly to reduce the cost. In this case, the County will be responsible for the timely order and

delivery of the Cab and Chassis to the vendor has been selected to provide the Medical Compartment.

4. Property Description:

FBO will be to 170 Fowler Drive, Jefferson, Georgia 30549. The company that is awarded the contract to build the ambulances will be responsible for all costs to get the ambulance to the FBO address.

5. Administration:

The project will be administered by the Jackson County Board of Commissioners through the EMS/EMA Director who will be the main point of contact for all questions during construction and delivery of the ambulances.

6. Procedures and Miscellaneous Items:

- A. All questions shall be submitted in writing (e-mail is acceptable) and shall be communicated to all firms responding to this ITB.
- B. All materials submitted in connection with this ITB will be public documents and subject to the Open Records Act and all other laws of the State of Georgia, the United States of America and the open records policies of the Jackson County Board of Commissioners. All such materials shall remain the property of the Jackson County Board of Commissioners and will not be returned to the respondent.
- C. All respondents to this ITB shall hold harmless the Jackson County Board of Commissioners, and any of their officers and employees from all suits and claims alleged to be a result of this ITB. The issuance of this ITB constitutes only an invitation to present a proposal. The Jackson County Board of Commissioners reserves the right to determine, at its sole discretion, whether any aspect of a respondent's submittal meets the criteria in this ITB. The Jackson County Board of Commissioners also reserves the right to seek clarifications, to negotiate with any vendor submitting a response, to reject any or all responses with or without cause, and to modify the procurement process and schedule. In the event that this ITB is withdrawn or the project canceled for any reason, the Jackson County Board of Commissioners shall have no liability to any respondent for any costs or expenses incurred in connection with this ITB or otherwise.
- D. The ITB is subject to the provisions of the Jackson County Purchasing Manual and any revisions thereto, which are hereby incorporated into this ITB in their entirety except as amended or superseded herein.
- E. Failure to submit all the mandatory forms from this ITB package shall be just cause for the rejection of the qualification package. However, Jackson County reserves the right to decide, on a case by case basis, in its sole discretion, whether or not to reject such a bid as non-responsive.
- F. Any payment terms requiring payment in less than 30 days will be regarded as requiring

payment 30 days after invoice or delivery, whichever occurs last. This shall not affect offers of discounts for payment less than 30 days, however.

- G. In case of failure to deliver goods in accordance with the contract terms and conditions, Jackson County, after due oral or written notice, may procure substitute goods or services from other sources and hold the contractor responsible for any resulting additional purchasing and administrative costs. This remedy shall be in addition to any other remedies which Jackson County may have.
- H. By submitting a qualification package, the vendor is certifying that they are not currently debarred from bidding on contracts by any agency of the State of Georgia, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency of the State of Georgia.
- I. Any contract resulting from this ITB shall be governed in all respects by the laws of the State of Georgia and any litigation with respect thereto shall be brought in the courts of the State of Georgia. Then contractor shall comply with applicable federal, state, and local laws and regulations.
- J. It is understood and agreed between the parties herein that Jackson County shall be bound hereunder only to the extent of the funds available or which may hereafter become available for the purpose of this agreement.

7. Final Selection:

Following review of all qualified proposals, selection of a suitable vendor, and preliminary contract negotiations, a recommendation will be made to the Jackson County Board of Commissioners by the project representative. Following Commission approval, the County will complete contract negotiations.

The Jackson County Board of Commissioners reserves the right to accept the response that is determined to be in the best interest of the County. The County reserves the right to reject any and or all proposals.

Every vendor submitting a proposal must complete the form showing compliance with the **Illegal Immigration Reform and Enforcement Act of 2011, OCGA §13-10-90(b)(1)**. The form is provided with this ITB package.

ITB 6130-01 PRICE PROPOSAL

COMPANY NAME: _____

Ambulance Medical Compartment: \$ _____

_____ I have completed Appendix 1 and attached to this proposal

Cab and Chassis: \$ _____

_____ I have not noted any exceptions to the specifications

_____ I have noted exceptions to the specifications

TOTAL COST: \$ _____

THIS PAGE MUST BE COMPLETED AND SUBMITTED AS A PART OF YOUR PROPOSAL.

EXECUTION OF PROPOSAL

DATE: _____

The potential Contractor certifies the following by placing an "X" in all blank spaces:

- ___ That this proposal was signed by an authorized representative of the firm.
- ___ That the potential Contractor has determined the cost and availability of all materials and supplies associated with performing the services outlined herein.
- ___ That all labor costs associated with this project have been determined, including all direct and indirect costs.
- ___ That the potential Contractor agrees to the conditions as set forth in this Invitation to Bid with no exceptions.

Therefore, in compliance with the foregoing **Request for Qualifications**, and subject to all terms and conditions thereof, the undersigned offers and agrees, if this proposal is accepted within sixty (60) days from the date of the opening, to furnish the services for the prices quoted within the timeframe required.

Business Contact Representative

Operational Contact Representative

Vendor's Name

Federal ID #

Address

Phone

Fax

Email

Authorized Signature

Date

Typed Name & Title

THIS PAGE MUST BE COMPLETED AND SUBMITTED AS A PART OF YOUR PROPOSAL.

ADDENDA ACKNOWLEDGEMENT

The vendor has examined and carefully studied the Invitation to Bids and the following Addenda, receipt of all of which is hereby acknowledged:

Addendum No. _____

Addendum No _____

Addendum No. _____

Addendum No. _____

Authorized Representative/Title
(Print or Type)

Authorized Representative (Date)
(Signature)

Vendors must acknowledge any issued addenda. Proposals which fail to acknowledge the vendor's receipt of any addendum will result in the rejection of the offer if the addendum contained information which substantively changes the Owner's requirements.

THIS PAGE MUST BE COMPLETED AND SUBMITTED AS A PART OF YOUR PROPOSAL.

Illegal Immigration Reform and Enforcement Act of 2011
CONTRACTOR AFFIDAVIT UNDER O.C.G.A. §13-10-91(b)(1)

The Jackson County Board of Commissioners and Contractor agree that compliance with the Illegal Immigration Reform and Enforcement Act of 2011 are conditions of this Agreement for the physical performance of services.

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm, or corporation which is engaged in the physical performance of services on behalf of the Jackson County Board of Commissioners has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present and affidavit to the contractor with the information required by O.C.G.A. §13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

E-Verify Employment Eligibility Verification User Identification Number

Date of Authorization to Use Federal Work Authorization Program

NAME OF CONTRACTOR

Ambulance Manufactured per Specifications
Name of Project

Jackson County Board of Commissioners
Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, _____, 20__ in _____ (City), _____ (State).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE ____ DAY OF _____, 20__

Notary Public

My Commission Expires: _____

THIS PAGE MUST BE COMPLETED AND SUBMITTED AS A PART OF YOUR PROPOSAL.

ITB 6130-01
Appendix 1

JACKSON COUNTY EMERGENCY SERVICES



Jefferson, GA

Medium Duty Ambulance Specification

Emergency Medical Vehicle – Type 1 (4x2) DR

Jackson County EMS

Designed to Meet or Exceed:
*Federal Specification KKK-A-1822F,
AMD Standards 001-009 and Ford QVM*

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

Because of the wide variances in types, configurations, options and models available in the industry, the purpose of these specifications is to set a standard by which all proposals received may be evaluated, studied and compared equitably. Vendors are required to return one (1) copy of these specifications, correctly and completely furnishing all information requested and answering all questions attached. **In order for your bid to be accepted and considered responsive, vendors shall be required to submit exact CAD drawings of their unit offered. No stock drawings will be accepted. NO EXCEPTIONS!** Any requested data literature, drawings, etc. and detailed written lists of exceptions taken must also be enclosed.

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

Any questions for clarifications, etc. should be directed in writing to Jackson County EMS at 368 Curtis H. Spence Drive; Jefferson, GA 30549 and responses will be furnished in writing to all prospective vendors.

Considerable time and effort has been invested to design these specifications to the specific needs of Jackson County EMS. **Therefore, alternate bids and bids on demo unit bids will not be considered. No Exceptions to this will be allowed.**

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

BUY AMERICAN

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

LEGAL RIGHT TO SPECIFY

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

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

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

**JACKSON COUNTY EMS
AMBULANCE SPECIFICATIONS
SCOPE, PURPOSE AND CLASSIFICATION**

SECTION 1 - GENERAL PROVISIONS:

- 1.1 - Scope. This specification covers a new commercially produced surface emergency medical care vehicle, hereinafter referred to as ambulance or vehicle. A vehicle in compliance with this specification shall be defined as a standard ambulance. This vehicle shall be in accord with the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation, Washington, D.C. This bid specification is based on the Federal Ambulance Specification KKK-A-1822F. Reference numbers used in this specification refer to applicable paragraphs of that document.
- 1.2 - Purpose. 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 Jackson County EMS. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. The object is to provide a vehicle that is in accordance with nationally recognized guidelines.
- 1.3 - Classification. This specification calls for the following type of vehicle. It is in accordance with paragraph 1.2.1 of KKK-A-1822F. Type I AD: cab-chassis with integrated modular ambulance body.
- 1.4 - General. This is an engineer, design, construct and deliver type specification and it is not the intention of Jackson County EMS to write out vendor 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 Jackson County EMS. **Because of this fact, price will not be the major consideration in making an award. Bid award shall be given to the vendor whose bid comes closest to meeting these specifications at the most competitive price.**
- 1.4.1 - Call to Bid Jackson County EMS reserves the right to increase the equipment quantities that are specified by "Call to Bid" as well as those items specified under paragraph 8.2 of these specifications.

- 1.4 - Site(s) of Work. The vehicle and its equipment shall be **delivered** F.O.B. destination. Prices shall be quoted on a delivered, and accepted on a one-by-one basis. Vehicles manufactured outside the United States will not be considered.
- 1.5 - Exam of Specification. Each Bidder is required, before submitting his proposal, to be thoroughly familiar with the specifications contained herein. No additional allowances will be made because of a lack of knowledge of these conditions. It will be the responsibility of the successful Bidder 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 Specification KKK-A-1822F. Should there be any unsafe or poorly designed criteria contained herein, the Bidder shall thoroughly explain them to the Purchaser in the Bid Proposal. Where the bidder does not do specifically what the specification calls for a (no) shall be checked and a written explanation given whether the bidder feels it is equal to, or exceeds the bid. All exceptions will be evaluated on their merit at the purchasers' discretion.
- 1.6 - Definitions. The following definitions shall apply with regards to these specifications.
- 1.6.1 - Purchaser. The end user of the equipment specified or the applicable purchasing agency.
- 1.6.2 - Contractor. The individual, firm, partnership, manufacturer or corporation to whom the contract is awarded by the Purchaser and who is subject to the terms thereof. For bidding purposes the contractor, vendor and Bidder are synonymous.
- 1.6.3 - Equal. Shall be taken in its general sense and shall not mean identical. These specifications are for the sole purpose of establishing minimum requirements of level of quality, standards of performance and design and is in no way intended to prohibit the bidding of any manufacturer's item of equal material.
- 1.6.4 - Manufacturer. The first stage manufacturer is the original equipment manufacturer (O.E.M.) who 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 Jackson County EMS.
- 1.6.5 - Note: The purchaser shall be the sole judge of equality and this decision shall be final.

SECTION 2 - SPECIAL CONDITIONS:

2.1 - Responsibility & Qualifications of Bidder.

The manufacturer of the equipment bid shall have in operation a factory adequate and devoted to the manufacture of the vehicle herein specified. The intent of this section is to ensure single source responsibility for all equipment proposed by the Bidder.

- 2.1.2 It is not the intent of these specifications to call for an unusual or experimental vehicle. Such proposals are not acceptable. Therefore, as proof of the ability to manufacture vehicles of the type called for in these specifications, the Bidder must be able to show that the second stage manufacturer of the vehicle bid has produced at least 500 vehicles of the type specified herein.
- 2.1.3 If requested by the Purchaser, the Bidder shall supply upon request a list of five (5) agencies who have purchased similar vehicles within the past two years. This list will have contact names and phone numbers.
- 2.1.4 Each Bidder shall disclose any pending or anticipated litigation between the Bidder and any other part or parties that might affect this contract.

2.2 - Prices & Payments.

All bid prices shall be F.O.B. destination and accepted basis, at the Purchaser's specified location. These prices shall be complete and include warranty.

- 2.2.1 Payment shall be made in accordance with these specifications and the Bid Proposal submitted by the Bidder. Payment will be made upon acceptance of the vehicle and equipment specified under these specifications.
- 2.2.2 All bid prices and conditions must be specified on the Bid Proposal Form.
- 2.2.3 Bid prices shall be valid for at least 60 days from the date of the Bid Opening, or as otherwise specified on the Bid Proposal Form.
- 2.2.4 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 purchaser order number. Payment will be made in accordance with the terms specified on the Bid Proposal Form.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

2.3 - Bid Evaluation.

Bids received shall be evaluated by the Purchaser. This evaluation will be based as a minimum on the following criteria:

- 2.3.1 Completeness of the proposal. Bidders are directed to pay particular attention in answering the "Yes or NO" response to below each paragraph contained within these specifications. If the bidder does not meet the specification exactly, a "no" response should be given. Exceptions will be judged by the purchaser. If this procedure is not followed the bid will be rejected as non-compliant.
- 2.3.2 Manufacturing and Delivery schedule (see paragraph A.X.X).
- 2.3.3 Contractor's demonstrated capabilities and qualifications.
- 2.3.4 Contractor's past performance on similar Bid Proposals, including any previous Bid Proposals awarded to this bidder.
- 2.3.5 Contractor's design and engineering reliability factors.
- 2.3.6 Contractor's maintainability considerations and recommendations.
- 2.3.7 Bidder's logistical and service support.
- 2.3.8 Bid Proposals taking total exception to these specifications will not be accepted.
- 2.3.9 **Any proposal which indicates "No Exception" to any item on our proposal documents and also includes a letter from the vendor taking major or total exception to our specifications, or indicates they are quoting to provide their standard methods of construction without listing any differences in the manner described, will be immediately rejected as non-compliant and removed from further consideration.**
- 2.3.10 **Should a vendor offer a quotation in response to this proposal and not take explicit exceptions and attempt to offer a unit not in compliance with the exact specifications, the Purchaser reserves the sole right to issue a Purchase Order with specified penalties and/or invoke a Performance Bond. Penalties for not providing vehicle(s) to the exact specifications, with approved exceptions or deviations specifically authorized by Purchaser, will be assessed. These will require that the Vendor pay the difference in price as offered in their proposal and what the Purchaser must eventually pay (from another compliant vendor) for vehicle(s) meeting these specifications (if a performance bond is not otherwise provided).**

- 2.3.11 Jackson County EMS seeks the highest level of quality assurance and liability protection. To insure that these standards are met, Federal Specification KKK-A-1822F and Ford Motor Company's "QVM" (Qualified Vehicle Modifier) program will be considered as the minimum acceptable guidelines. The Bidder shall submit documentation that the second stage vehicle manufacturer is a current member in good standing of the Ford QVM program.
Bids not meeting this requirement cannot be accepted and will be rejected in full.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

2.4 - Contract Award.

The Purchaser reserves the right to increase the number of vehicles or equipment specified under this contract. If awarded, the Bidder agrees that additional public governmental agencies may purchase under the same terms and prices afforded by any contract arising from the bid award.

- 2.4.1 The Purchaser has the right to waive any informalities, irregularities and technicalities in procedure.

- 2.4.2 The Purchaser reserves the right, before awarding this contract, to require a Bidder to submit evidence of the second stage manufacturer's qualifications as it may deem necessary, and may consider any evidence available to it of the financial, technical and other qualifications and abilities of said manufacturer, including past performance on contracts of this type with other agencies. The purchaser shall be the final authority in the award of this bid.

SECTION 3 - WARRANTY AND REPAIRS:

3.1 - Warranty.

The successful bidder shall provide manufacturer's warranty coverage for the ambulance or rescue vehicle conversion, which coverage shall, at a minimum include:

- 3.1.1 The manufacturer shall warrant to the original retail purchaser that, for a period of forty-eight (48) months or forty-eight thousand (48,000) miles from the point of delivery, whichever first occurs, the ambulance or rescue vehicle shall be free of substantial defects in materials and workmanship, which are attributable to Warrantor and which arise during the course of normal use and service. **There shall be a copy of the Warranty statement included with the bid documents.**

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 3.1.2 There shall be a lifetime warranty on the ambulance conversion electrical wiring system effective starting the date this agency accepts delivery of the completed vehicle. It is the intent of this requirement that items not manufactured by the ambulance manufacturer be excluded. **There shall be a copy of the Warranty statement included as part of the bid documents.**

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 3.1.3 There shall be a twenty (20) year warranty on the modular body structure. **There shall be a copy of the warranty statement included with the bid documents.**

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 3.1.4 There shall be a seven (7) year paint warranty covering the ambulance conversion and any painting done to the chassis. **There shall be a copy of the Warranty statement included with the bid documents.**

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 3.1.5 Warranty on the chassis portion of the completed ambulance or rescue vehicle shall be the responsibility of the chassis manufacturer. The terms of such warranty are set forth in the Warranty literature included in the owner's manual. The successful manufacturer's sole responsibility with regard to the chassis shall be to provide reasonable assistance to the purchaser in obtaining warranty from the chassis manufacturer or its authorized service center.

3.2 - Repair Availability. Successful vendor must have a comprehensive ambulance service and repair facility to administrate warranty repair as needed. Vendor must have authorized factory trained service specialists and carry necessary inventory levels to affect prompt repair. Vendor shall have mobile service capabilities and provide them at no additional cost when practical for warranty related issues. **NO EXCEPTIONS.**

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

To verify that the bidder supplies mobile service in the field, bidders shall supply the name, date, and contact information to verify the last five (5) field service calls made by the bidder:

Service Name: _____	Contact Name: _____	DOS: _____
Service Name: _____	Contact Name: _____	DOS: _____
Service Name: _____	Contact Name: _____	DOS: _____
Service Name: _____	Contact Name: _____	DOS: _____
Service Name: _____	Contact Name: _____	DOS: _____

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

FACILITY NAME: _____

ADDRESS: _____

PHONE NUMBER: _____ CONTACT NAME: _____

APPROX. MILES FROM PURCHASER: _____

YRS OF EXPERIENCE IN AMBULANCE REPAIR BUSINESS: _____

SQUARE FT. OF FACILITY: _____ NO. OF SERVICE BAYS: _____

NO. OF EMPLOYEES: _____ ARE TECHNICIANS FACTORY TRAINED? ☐ Yes ☐ No

NO. OF FULL TIME AMBULANCE TECHNICIANS: _____

TOTAL YEARS SHOP REPAIR EXPERIENCE: _____

VALUE OF SERVICE AND PARTS INVENTORY: _____

24-HR TURN AROUND TIME ON WARRANTY AND SERVICE? ☐ Yes ☐ No

NUMBER OF LIFT AREAS FOR SERVICE: _____

CAN SERVICE FACILITY PERFORM REMOUNTS? ☐ Yes ☐ No

CAN SERVICE FACILITY PERFORM ALUMINUM MODULE REPAIR? ☐ Yes ☐ No

IS FACILITY AN AUTHORIZED DUPONT COMMERCIAL FLEET PAINT CENTER & REPAIR FACILITY?
☐ Yes ☐ No

CAN SERVICE FACILITY DO SCOTCHLITE & LETTERING? ☐ Yes ☐ No

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

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

Address: _____

Phone: _____

- 3.2.1 Additional warranty or logistical services that the bidder might provide above and beyond the requirements of these specifications may be listed below. These may be used as per paragraph A2.3.7 as additional basis for a Contract Award.

3.3 - Bid Guaranty.

Bid proposals shall be accompanied by a Surety Bond in the amount of five percent (5%) of the total price of the bid proposal. The Bid Surety shall be made payable to this agency and conditioned upon the primary manufacturer acceptance of award. In the event of failure or refusal to comply, the Bid Surety may be forfeited as liquidated damages because of such failure of default.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 3.3.1 Performance Bond: This agency reserves the right to seek a one hundred percent (100%) performance and payment bond as a condition of award. A letter must be included from a certified bonding agency stating that a performance bond can be issued on behalf of the primary manufacturer. Failure to comply may be deemed as non-responsive.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.4 - 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.

- 3.4.1 All parts shall be of high quality workmanship, shall be in production at the time of bid, and no part or attachment shall be substituted or applied contrary to the manufacturer's recommendations and standard practices.
- 3.4.2 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.

3.5 - Technical Information/Exceptions.

Bidders must furnish all information requested in the space provided in this specification. **In addition, Bidders shall supply at least one (1) complete set(s) of sketches, descriptive literature and complete specifications covering the vehicle offered.** A copy of the purchasers specifications shall be returned with all sections responded to specifically where there is deviation from these specifications. Any area where these specifications are not met exactly will be marked with a "no" response. **Bid Proposals not meeting this requirement will be rejected.**

- 3.5.1 The purchaser reserves the right to increase the number of vehicles ordered as well as additional equipment specified in paragraph AX.X
- 3.5.2 Bidders shall provide all necessary information requested by these specifications. Spaces shall be marked to indicate whether or not the Bidder complies with that paragraph. Any exceptions taken shall be listed individually.
- 3.5.3 The Bidder, when listing exceptions or "clarifications", shall reference these specifications by the proper paragraph number AND page number.

NOTE: Bid Proposals failing to meet the requirements of 2.9.2 will not be considered.

☐ Yes ☐ No **Does your bid comply EXACTLY as written?**

3.6 - Delivery.

Since delivery proposals by the Bidders will weigh heavily in the determination of award of bid, the delivery schedules that are submitted by the Bidders and agreed upon by the Purchaser shall automatically become binding upon the successful Bidder.

Delivery shall not exceed 120 calendar days after receipt of chassis.

- 3.6.1 Delivery of completed unit is important within a reasonable time-frame. Government funds have been budgeted to fulfill the obligations of this bid proposal. Therefore, any delays beyond the 120 calendar days will place undue burden on tax payers and government finances.
- 3.6.2 **PENALTY:** To ensure proper delivery of product as proposed, a penalty of \$100.00 per calendar day beyond the 120 calendar days will be subtracted from the final bid proposal price. This penalty will commence upon the 121st calendar day and continuing each calendar day, including holidays and weekends, until the total final bid proposal price is reached.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.7 - Indemnification and Insurance.

The contractor shall indemnify and save the Purchaser harmless from any and all claims, liability, losses, and causes of actions which may arise out of the fulfillment of this agreement. The Bidder shall pay all claims and losses of any nature whatsoever in connection therewith, and shall defend all suits, in the name of the Purchaser when applicable, and shall pay all costs and judgments which may ensue thereafter.

- 3.7.1 Since these specifications describe an emergency vehicle that may be used under adverse conditions, Jackson County EMS seeks to reduce its future liability exposure, therefore, all Bidders responding to these specifications shall submit the proper Certificate of Insurance. This shall certify that the "second stage" manufacturer of the vehicle bid has in force product liability insurance in a minimum amount of seven million dollars (\$7,000,000). This insurance shall be issued by Company rated "A" or better as reported in the current edition of Best's Key Rating Guide, published by Alfred M. Best Company, Inc. **Bidders failing to submit proof of the above insurance requirements cannot be accepted.**

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.8 - Patents and Royalties.

The Bidder, without exception, shall indemnify and save harmless the Purchaser 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 Purchaser.

- 3.8.1 If the Bidder uses any design, device or materials covered by letters, patent or copyright, it is mutually agreed, and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device or materials in any way involved in the work.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.9 - Proposal to Specifications.

Reply to any exceptions to these specifications must be itemized. They shall be referenced by paragraph number and listed under section XX, paragraph XX.X of this Bid Proposal. Should the Bidder require additional space for his reply, he may attach an additional page(s) into the response at that point. Details concerning the exceptions or "clarifications" must be clearly explained. Each exception will be considered by the Purchaser as to the degree of impact and total effect on their bid. If specification sheets are referenced, they shall be included as part of the Bid Proposal.

- 3.9.1 NOTE: Bidders are reminded that these specifications call for a vehicle and equipment that meet the specific needs of Jackson County EMS. Price alone is not the primary factor in a bid award. With that in mind, Bidders are encouraged not to take exceptions to this specification but to engineer their product to meet the requirements of Jackson County EMS.

- 3.9.2 When submitting their Bid Proposal, Bidders must return all pages of these specifications as part of the Bid Proposal as it will form the contract between the Contractor and the Purchaser. Caution should be taken by the Bidder that all questions are answered in the spaces provided and all information requested is submitted.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.10 - Subcontracts.

Jackson County EMS is extremely concerned with purchasing the vehicle from a manufacturer who can provide the necessary parts, service and warranty after the sale. With this in mind, the vehicle shall be constructed, with the exception of the chassis, by the Prime ("second stage" manufacturer) Contractor.

- 3.10.1 This requirement applies to all major components of the vehicle. Major components would include items such as: the modular ambulance body, interior cabinets, electrical wiring harnesses, switch consoles, paint, fiberglass and other related items.
- 3.10.2 This no subcontractor clause will apply to any type of subcontract, lease, rental or any other similar arrangement. The Bidder may be required by Jackson County EMS to prove compliance with this requirement. No exceptions will be allowed on this requirement since the Purchaser will not accept the above mentioned warranties (A2.5) from a fragmented source.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.15 - Familiarity with Laws.

The Bidder is presumed to be familiar with all Federal, State and Local laws, ordinance, code rules, and regulations that may in any way effect the work. Ignorance on the part of the Bidder shall in no way relieve him from responsibility.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

3.16 - Pre-Award Clarifications.

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

- 3.16.1 Jason Baker, EMS Division Director
368 Curtis H. Spence Drive
Jefferson, GA 30549
jbaker@jacksoncountygov.com

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

SECTION 4 - CONTRACTOR PERFORMANCE:

4.1 - Pre-Construction Conference.

The successful Contractor shall be required, prior to manufacturing, to have a Pre-Construction Conference at the site of his choosing with representatives of Jackson County EMS to finalize all the construction details. **If the Bidder requires the conference to be held at a location other than that of the Purchaser, the Bidder shall at his expense provide transportation, lodging and meals, etc., for two (2) people designated by the Purchaser.** If this meeting is to occur at a location more than 200 miles from the Purchaser's location, the transportation shall be by a commercial air carrier. Private or corporate aircraft cannot be used. There are NO EXCEPTIONS to this requirement.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

4.1.1

Inspections: The successful contractor shall be required to provide an inspection trip to the manufacturer's facility where the vehicle described herein is being built. This inspection trip should be planned as a "mid-build" inspection and should be scheduled to allow Jackson County to inspect the ambulance module before the cabinets are installed. **The Bidder shall at his expense provide transportation, lodging and meals, etc., for two (2) people.** If travel will be over 300 miles the transportation shall be via commercial air carrier. Private or corporate aircraft cannot be used.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

4.2 - Performance Test & Requirements.

The vehicle shall, at the time of delivery, conform to the minimum requirements of the latest standards covering vehicles of this type. This shall include Federal, State and Local requirements.

4.2.1

All vehicles delivered under this contract shall conform to any other Federal Motor Vehicle Standards in effect at the time of delivery.

4.3 - Anti-Collision Statement.

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

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

4.4 - References and History.

This agency wishes to do business with an experienced, reliable and honest ambulance dealer. Ambulance dealer/bidder must show proof of being in business for five (5) consecutive years as said business. As further evidence of bidder's ability to perform, the contractor shall submit a list of fifty (50) customers with similar type ambulances delivered. The references shall also include name of service, address, contact and phone number. Further, the reference listing shall include the names and contact numbers of all new ambulance sales delivered by the bidding party for the last six (6) months. These customers shall be easily identified in the references listing as recent new ambulance deliveries.

This agency is extremely concerned with awarding to the most qualified bidder. There are no exceptions allowed to this section. If you cannot, or choose not to, comply with this section, please do not go any further. You will not qualify to bid.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

4.5 - Drawings.

The primary manufacturer shall provide a set of bid drawings that accurately depict the vehicle as specified. The drawings will show all exterior and interior planes with dimensions. Failure to comply will be deemed non-responsive

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

4.6 - Ambulance Bids & Alternative Bids.

Considerable time and effort has been invested to design these specifications to the specific needs of Jackson County EMS. Therefore, alternate bids not exactly to spec will not be considered. **Vendors who mark all sections in compliance and then take many clarifications explaining all their differences will be disqualified.** Vendors who mark all sections in compliance and then substitute their standard construction methods and standard model drawings and floor plans will be rejected.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

4.7 - Documentation of Bidders Repair Facilities and Insurance Requirements.

This agency is very concerned with making bid award to the most qualified ambulance dealer. In order to aid our decision, each bidder shall submit with their bid the following documentation:

4.7.1 Photographs of the dealer's physical Sales & Repair facility including:

All bays & interior of the sales and repair facilities

Paint shop

Paint booth, spray facilities, and mixing room.

Hydraulic lifts

Frame machine

Stocks of remount inventory and remount chasses.

Documentation of the dealer's \$500,000.00 Workman's

Compensation Insurance, \$2,000,000.00 Product Liability Insurance, and 2,000,000.00 Garage Keepers Liability Insurance. (Accord Insurance Binder Confirmation)

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

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

SECTION 5 - TECHNICAL REQUIREMENTS (CHASSIS):

5.1 - General Vehicular Design, Types, and Floor plan.

The ambulance and the allied equipment furnished under this specification shall be the manufacturer's current commercial vehicle of the type and class specified. The ambulance shall be complete with the operating accessories as specified herein; furnished with such modifications and attachments as may be necessary and specified to enable the vehicle to function reliably and efficiently in sustained operation. The design of the vehicle and the specified equipment shall permit accessibility for servicing, replacement and adjustment of component parts and accessories with minimum disturbance to other components and systems. The term "heavy-duty" as used to describe an item, shall mean in excess of the usual quantity, quality, or capacity that is normally supplied with the standard production vehicle or component.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

5.1.2

The ambulance shall be a Type I, Class 1, Configuration A and shall be a medium duty cab chassis with a transferable, modular, ambulance body. The chassis with front section cab-chassis shall be suitable for the subsequent fabrication, conversion, or modification into an ambulance incorporating the requirements and the equipment specified herein.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

5.1.3

Design of the vehicle shall utilize floor plan "A" loading arrangement of patients into the patient compartment. All litters shall be loaded into position with the heads of the patients forward in the vehicle.

5.1.4

The wheeled ambulance stretcher shall be mounted in a position as to maximize floor space on both sides of the stretcher. This position will be the EXACT center of the specified width of the available ambulance compartment floor space. The foot end of the stretcher shall be mounted no closer than eighteen (18) inches of the rear compartment doors when closed.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

5.2 - Vehicle Components, Equipment, and Accessories.

The emergency medical care vehicle, chassis, ambulance body, equipment, devices, medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, tested and certified, to meet or exceed the requirements of this specification. The vehicle shall comply with all Federal Motor Vehicle Safety Standards (FMCS) and Federal Regulations applicable or specified for the year of manufacture. The chassis, components, and optional items shall be as represented in the manufacturer's current technical data. Also the ambulance body, equipment, and accessories shall be as represented in their respective manufacturer's current technical data.

☐ Yes ☐ No

Does your bid comply EXACTLY as written?

5.3 - Materials.

Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended.

☐ Yes ☐ No

Does your bid comply EXACTLY as written?

5.4 - Vehicle Operation, Performance, and Physical Characteristics.

The following is a description of the chassis that will meet the minimum requirements of this specification and it is expressed as minimums. In addition, the chassis shall comply with paragraphs 3.4.1 through 3.6.14 of Federal Specification KKK-A-1822F.

☐ Yes ☐ No

Does your bid comply EXACTLY as written?

5.5 - Chassis Manufacturer and Model Year.

The Chassis meeting the requirements of this specification is a **2017 Freightliner Medium Duty Chassis** which will be delivered to the contractor from the purchaser's contracted vendor.

5.6 - Front tank covers - Successful bidder will supply aluminum diamond plate fuel tank covers and other tank covers on both sides of the ambulance chassis. These tank covers will have two steps built into the fuel covers to aid entry into the cab so as the third step will be directly into the cab of the vehicle from the ground level.

5.6.1 These tank covers shall be constructed as to provide an easy and safe entry and exit into and out of the cab area. Custom tank configuration will be necessary for each side but should be built to be as close in appearance to the opposite side step.

5.6.2 Careful consideration will be given to safety of the purchaser's employees as well as members of the general public who may be entering and exiting the cab of the vehicle.

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

5.7 - Mud Flaps. Heavy duty, anti-sail style mud flaps, at least as wide as the rear tires, shall be provided per SAE J682 behind the rear wheels and shall be reinforced at the point of attachment to the vehicle.

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

5.8 - Exhaust System. The OEM tail pipe shall be equipped with a chrome turn down tip that will direct the diesel fumes down and away from the paint of the vehicle skirt area.

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

5.9 - Proximity Alarm. The ambulance shall be equipped with an ultrasonic backup proximity alarm to alert the driver to objects out of their field of vision while in reverse. The unit shall be automatically engaged whenever the unit is put into reverse gear and only when engaged in reverse gear.

5.9.1 There shall be four ultrasonic sensors installed with an internal buzzer that gradually increases in frequency as you approach the object. A continuous tone denotes that the vehicle is within 0.35m (1ft) of the obstacle. There shall be a digital display indicating distance between car and obstacles, a 3-color digital indicator with a buzzer ON & OFF function and a 3-stage beeping mode indicating distance. Only accepted brand shall be Echo-Vision EBD 0225.

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

SECTION 6 - ELECTRICAL SYSTEM AND COMPONENTS:

6.1 - Electrical System. The emergency medical vehicle's electrical system must meet most current KKK-A-1822F, Section 3.7.1.

☐ Yes ☐ No **Does your bid comply EXACTLY as written?**

6.2 - Instrument Console. A front console shall be installed to house the switching panel, radio, and computer installation. The console shall contain all required switching and accommodate additional spare switches. The switch console shall be easily serviced through an access panel. The console will incorporate full size Euro-style rocker switches with LED on indicators, status indicator lamps, and amp gauge. Smaller size rocker switches are not desired due to the awkwardness to select the desired switch during an emergency.

Note: This design may change depending on chassis manufacture.

☐ Yes ☐ No **Does your bid comply EXACTLY as written?**

6.2.1 Front console will be color coordinated to the cab interior. The console shall allow sufficient space for the installation of the front control panel(s), siren control head(s), warning and/or indicator lights.

☐ Yes ☐ No **Does your bid comply EXACTLY as written?**

6.2.2 An auxiliary console shall be provided for the future installation of mobile radios, digital data terminals, etc. Console shall be constructed of laminated plywood (same specifications as for the interior cabinets) or structural aluminum. Console shall be abutted against the console described above and will have quick release clamps for removal. **Exact design to be worked out with Jackson County at the pre-construction conference.**

☐ Yes ☐ No **Does your bid comply EXACTLY as written?**

6.3 - Rear Compartment Controls. All switches and controls for the patient compartment shall be located on a service panel in the action area, angled lightly toward the rear of the vehicle. These switches shall be of the same design and construction as found in the driver's control console. These switches shall not be activated unless the "MASTER" switch in the driver's console is in the "ON" position.

☐ Yes ☐ No **Does your bid comply EXACTLY as written?**

6.4 - Warning Indicators. The electrical system shall incorporate a warning light panel in the driver's console. It shall provide indicator lights for showing: patient compartment door(s), side and rear, are open. This shall be a flashing RED light. There shall be an exterior compartment "door-open" warning light. This shall be a flashing RED light of the same size.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.5 - Wiring Installation. The ambulance body and accessory electrical equipment shall be served by circuit(s) 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.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.5.1 The wiring shall be permanently color coded to identify wires. Wires shall be permanently heat ink embossed with both number and function codes. The function code 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. The function and number code shall be embossed at a minimum of 4 inch intervals the entire length of the wire.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.5.2 Wiring shall be routed in conduit or high temperature looms 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 compartment light, and switch plunger. Wiring necessarily passing through an oxygen compartment shall be routed in rigid 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.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 6.5.3 No splices shall be permitted except for connection of "OEM pigtail-type" devices. Butt splices are permitted for connection of OEM pigtail devices. All connectors shall be UL approved. Connection shall be machine applied to UL standards. The use of insulation displacement type connectors, such as "scotch locks" type fasteners are NOT ACCEPTABLE.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 6.5.4 The various wiring installations as supplied with this vehicle shall be of the automotive "harness" design. For ease of identification and future replacement these harnesses shall be engineered and manufactured in the following sections:

1. Engine compartment harness.
2. Driver's control console harness.
3. Electrical component panel harness.
4. Main module harness.
5. Chassis rear lighting harness.
6. Printed circuit board

These five (5) harnesses are minimum; please explain on the "exceptions" page if the vehicle you are bidding contains less.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.6 - 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. There shall be a master electrical component panel located in the ambulance. It is preferred that this panel be mounted on or near the bulkhead of the patient compartment. Standard circuit breakers, relays, and diodes shall be mounted on a printed circuit panel and shall be easily accessible through a door or hatch. All components on the circuit board are to be permanently labeled as to their function.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 6.6.1 Adjacent to the main power distribution board there shall be the electronic control module. This module shall include four (4) etched trace "printed" circuits boards connected to the total electrical system by three (3) computer type cables. This module shall direct low voltage switch commands from the front and rear control panels to the relays on the main power distribution board. This module shall include a five (5) minute delay timer circuit for patient compartment dome lights to function as checkout lights. This timer circuit shall be activated by opening the rear or curbside door with the battery switch off. After five (5) minutes the circuit shall automatically turn off the dome lights. Cycling the left dome circuit switch will reactivate the circuit. There shall be spare jumper cards supplied with the vehicle for the logic board; one (1) for the five-minute timer circuit.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 6.6.2 A six-inch service loop of wire or harness shall be provided at all electrical components, terminals, and connection points. Circuit breakers shall be of the automatic reset type and designed specifically for each circuit. One spare 15-ampere circuit breaker shall be provided for future use. A Whelen Model AFM1660 Dual Mode solid state electronic flasher shall be heat sink mounted to the panel for control of the flashing warning light system. Low-voltage switches through the electronic control module shall control this flasher. All connections and terminals provided shall comply with SAE J163, or J561 or J928 as applicable.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

- 6.6.3 The main wiring harness for the module body shall be installed down the center of the patient compartment ceiling. Each electrical circuit shall branch from its master harness as needed. There shall be no splices in this harness. Each circuit wire shall run from the distribution panel to the fixture without a break or connection. An access panel shall run the entire length of the center of the ceiling to simplify access to the "master" wiring harness. A padded upholstery type material to prevent head injuries shall cover the access panel. This panel shall be fastened to the ceiling with collared trim screws.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.7 - Electrical Generating System. The ambulance shall be equipped with the OEM supplied 270 amp alternator, pad mounted.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.8 - Engine Automatic High-Idle Speed Control. Shall be OEM supplied High-Idle Speed Control.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.9 - Amp Meter. The electrical system shall incorporate an analog center scale ammeter to be similar to the analog display gauges of the OEM chassis manufacturer. The ammeter shall be capable of indicating a current of 300 amperes to or from (charging or discharging) the dual batteries. The ammeter shall incorporate an external shunt which does not exceed 100 millivolts at maximum current. The ammeter and shunt shall have a combined accuracy of approximately ten percent of the full scale reading. It shall be back lighted with the brightness controlled by the headlight rheostat. The shunt shall be protected against physical damage, weather and road spray and shall be mounted in an easily accessible location which shall minimize the length of the power cables. The ammeter shall have a black face. Documentation of the ammeter type shall be included with the bid.

Note to primary manufacturers: Only electro-dynamic ammeters shall be accepted due to their accuracy and durability.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.10 - LED Compartment Door Lights Each exterior compartment door shall have one (1) round 4 inch LED strobe recessed into the Diamond Plate panel and wired to activate when door is open

6.10 - Voltmeter or
Voltage Monitor.

The electrical system shall incorporate an analog center scale ammeter to be similar the analog display gauges of the OEM chassis manufacturer. The ammeter shall be capable of indicating a current of 300 amperes to or from (charging or discharging) the dual batteries. The ammeter shall incorporate an external shunt which does not exceed 100 millivolts at maximum current. The ammeter and shunt shall have a combined accuracy of approximately ten percent of the full scale reading. It shall be back lighted with the brightness controlled by the headlight rheostat. The shunt shall be protected against physical damage, weather and road spray and shall be mounted in an easily accessible location which shall minimize the length of the power cables. Note to primary manufacturers: Only electro-dynamic ammeters shall be accepted due to their accuracy and durability.

Note to primary manufacturers: Only electro-dynamic ammeters shall be accepted due to their accuracy and durability.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.11 - Battery System.

The vehicle shall be supplied with four (4) 12-volt batteries system. All batteries will have a minimum cold cranking ampere rating of not less 760 CCA (2,280 CCA total). All batteries shall be on a slide out tray.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.11.1

The batteries shall be activated through the OEM ignition switch. The ignition switch shall only turn off power to the module and not to the chassis. The battery system shall be wired in accordance with current Ford Motor QVM specifications. The system must meet SAE J541 for starter circuit voltage drop.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.12 - Internal 12 Volt
DC Power.

The patient compartment shall be furnished with a 12 volt DC, 20 ampere capacity, separately protected circuit, with two (2) cigar lighter style outlets. This circuit shall also include a (low voltage drop) "Schottky" diode to isolate medical equipment batteries from any electrical loads imposed by the remainder of the ambulance electrical systems. The circuit shall be protected by a 20 amp manual reset style circuit breaker that is mounted on the driver's side of the front console and appropriately labeled.

6.13 - Power Sources.

Two (2) power sources shall be provided as pre-wires for the future installation of mobile radios or other 12 volt powered equipment. Each pre-wire shall be protected by a separate 20 amp automatic re-set circuit breaker located on the circuit board and shall be wired as "ignition hot". Each pre-wire shall have a minimum pig-tail of 6 feet at the termination point(s). One (1) pre-wire is to be routed inside the front auxiliary console and one (1) pre-wire shall Terminate in compartment 2 general storage compartment of the module body Each pre-wire shall be labeled.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.14 - Master Module Disconnect Switch Or Device.

This device or switch shall be located on the driver's compartment console and shall be backlit with permanent label.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.15 - 115 Volt AC Utility Power.

The ambulance 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 AC electrical system, including wiring and associated equipment, shall comply with AMD Standard 009. Listing shall be by a nationally recognized testing laboratory, recognized by OSHA under Appendix A to 29 CFR 1910.7.

6.15.1

The AC system is to be utilized while the vehicle is stationary for powering maintenance devices, medical equipment battery chargers, etc. The AC system shall incorporate a ground fault circuit interrupter (GFCI) device and a minimum 20 ampere circuit breaker which can be used as a master AC disconnect switch. The GFCI and circuit breaker may be an integral unit.

6.15.2

The AC wiring shall utilize stranded wire in armored cable, nonmetallic sheathed cable, "Type SO" or better flexible cable rated at 600V and 90° C., covered with a minimum 149° C (300° F) flame retardant wire loom, or approved wire in conduit.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.16 - Utility Power Connector.

Two automatic power line disconnect systems shall be furnished for the vehicle shorelines. The outlets shall be located over the street side front corner at driver door level on the modular body. The disconnect mechanism shall be sealed with gaskets to prevent contamination by road dirt and covered with a red spring-loaded flap or cover. Each receptacle shall be accompanied with separate power indicator lights to verify positive connection. The disconnect systems shall be connected to the vehicle starter circuit so that ejection occurs when the engine is cranked. Each connector shall carry a 20 amp load. Kussmaul super auto-eject 20-amp, Model 091-55-20-120 is the specific unit which will be accepted.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.17 - Electrical 115 Volt AC Receptacles.

The patient compartment shall be furnished with SIX (6), 2-wire plus ground duplex 115 volt AC receptacles. Receptacles shall be near flush, vertically mounted. One (1) outlet shall be located on the action area wall, one in the 2nd action area (monitor area), one on the curbside wall at the head end of the squad bench, (1) in the rear compartment on the street side (lower cabinet) one in the cabinet beneath the pass thru window and the other in the right front (ALS) compartment. Outlets shall be at least 31 cm (12 in.) from any oxygen outlet. An indicator shall be located within each 115 volt AC receptacle as a line monitor indicating a live (hot) circuit. The receptacles shall be labeled with the following: "115 VOLT AC." Outlets shall be wired to both shoreline input and inverter output.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

6.18 - Inverter.

The finished vehicle shall be equipped with a **Vanner 20-1050CUL** inverter.

6.19 - Vehicle Locks.

A hidden master lock toggle switch for the purpose of locking and unlocking both cab and module doors shall be installed on the bottom of the street side shore line plug. All wiring harness connections for cab locks must be stubbed prior to delivery of chassis to module manufacturer.

☐ Yes

☐ No

Does your bid comply EXACTLY as written?

VEHICLE LIGHTING AND WARNING REQUIREMENTS

7.1 Vehicle Exterior Lighting Requirements. The basic exterior ambulance lighting shall comply to FMVSS Standard No. 108 and the requirements herein and include: amber front and rear directional signals and hazard warning lights, front and rear side marker lights, backup light(s), loading light(s), clearance lights, ambulance emergency lights, floodlights, and spotlight(s). To minimize breakage from tree limbs and other obstructions, the upper outer front and rear outer D.O.T. marker lights shall be recess mounted into the upper body corners. They shall be so designed as to provide easy bulb replacement. Bolt-on type upper outboard clearance lights shall not be acceptable. The rear side marker lights shall be a minimum of 2" in diameter and installed in the sides of the rear bumper. They shall also function as a turn signal indicator as described in Federal Specification KKK-A-1822F.

Does your bid comply EXACTLY as written? YES () NO ()

7.1.1 All body mounted clearance lights shall be LED.

Does your bid comply EXACTLY as written? YES () NO ()

7.1.2 The rear stop/tail, directional signals and backup lights shall be Whelen 600 Series LED brake/tail, turn, and backup lights.

Said lights shall be vertically mounted on the rear of the modular body above the rear kick panel.

In addition, there shall be two Whelen 700 series amber LED turn arrows on the module front below the light bar and two on the module rear above the level of the kickplate

Does your bid comply EXACTLY as written? YES () NO ()

7.1.2.2 The two rear amber 900 series amber lights in the upper outer corners and the aft red left and right side 900 series red LED's shall flash when the vehicle is put into reverse gear. This is in addition to the activation of the rear load lights. This function shall be able to be canceled by a switch on the driver's front console.

7.2 Emergency Lighting System. The emergency lighting system must provide the vehicle with 360 degrees of visual warning conspicuity. The system must display highly perceptible and attention-getting signals that function in a modal system and convey the message in the PRIMARY MODE - "Clear the Right-of-Way" and in the SECONDARY MODE - "Hazard Vehicle Stopped on Right-of-Way".

Does your bid comply EXACTLY as written? YES () NO ()

7.2.1 The basic warning light system shall contain seventeen (17) fixed lights, seven (7) red, three (3) amber and eight (8) red/clear lights. All emergency lighting and power

supplies shall be Whelen. These lights shall function in a dual mode system as shown in KKK-A-1822F and meet the physical and photometric requirements of paragraph 3.8.2.1 of that same document. The upper body warning lights shall be identical and mounted at the extreme upper corner areas of the ambulance body below the horizontal roof line. These warning lights shall not be obstructed by doors, auxiliary lights, or siren(s). All warning, scene, and load lights will have chrome flanges.

Does your bid comply EXACTLY as written? YES () NO ()

7.2.2 The vehicle warning light layout shall be as follows:

All LED's shall be Whelen Super LEDS with clear lenses. NO Exceptions.

Grille Lights: Four (4) Whelen700 series TIR 6 LED lights in the grille area, two red and two clear. One red and one clear upper, one clear and one red lower.

Intersection Lights (Front): Two (2) Whelen 700 Series, red/clear LED lights with chrome trim flanges shall be mounted as close as possible to the front upper edge of each front fender.

Intersection Lights (Rear): Two (2) Whelen 700 Series, red/clear LED lights with chrome trim flanges shall be mounted above the rear wheel opening as rear intersection lights.

Wig-Wag Headlights: Install Code 3 Model 711 headlight flasher and wire to separate switch.

Side Body Lights: Two (2) each side Whelen 900 Series red LED lights.

Rear Body Lights: The module rear shall have three Whelen 900 series LED lights and two Whelen Optiscene load lights with 26° down angle over the rear doors. The light pattern above the rear doors shall be AMBERLED/LOAD/REDLED/LOAD/AMBERLED.

Additional rear body lights: There shall be two (2) Whelen 900 series LED red warning lights mounted to show through upper door windows when doors are open.

Does your bid comply EXACTLY as written? YES () NO ()

Front Light bar: Shall be a custom Whelen AdvantEdge+ model 4500KKKFL flush mounted light bar. The light bar shall consist of ten (10) LED's.

Light bar light and lens pattern shall be:
RLED/CLED/RLED/RLED/CLEAR/CLEAR/RLED/RLED/CLEAR/RLED

Does your bid comply EXACTLY as written? YES () NO ()

Headlight Wig-Wag. The chassis headlights shall be wired to a Code 3 Model 711 wig-wag headlight flasher. A switch shall be mounted on the front console, labeled: HEADLIGHT FLASHER. The flasher shall automatically be disengaged any time the high beam headlights are selected by the driver.

Does your bid comply EXACTLY as written? YES () NO ()

Additional Module Front Lighting: There shall be two Code 3 OsciLaser halogen lights mounted on the module front under the light bar, in-board of the turn arrows.

Does your bid comply EXACTLY as written? YES () NO ()

Flanges: All Whelen 900 and 700 series warning, scene, and load lights will have chrome flanges.

Does your bid comply EXACTLY as written? YES () NO ()

7.3 Flood and Loading Lights (Exterior). Flood and loading lights shall not be less than 75" above the ground and shall not be obstructed by open doors. Floodlights shall be located on the left and right sides of the ambulance and be firmly fastened to the body surfaces below the roofline. The lamp(s) H-V shall be projected downward at an angle of 13 degrees from the horizontal plane. This shall be accomplished by using lens inserts or housings.

Does your bid comply EXACTLY as written? YES () NO ()

7.3.1 There shall be two Whelen 900 Series, model 90K000YU scene lights with chrome trim flanges and with a 13° downward angle on the light beam on each side of the modular body. The downward angle may be accomplished by the use of an insert behind the lens. Floodlight switches shall be located on the cab console and control each side independently. In addition, there shall be one (1) Whelen 900 series model 90K000XU load light on each side of the vehicle. This light shall be centered on the module body between the 90K000YU scene lights and shall have a 26° downward angle.

Does your bid comply EXACTLY as written? YES () NO ()

7.3.2 There shall be two (2) Whelen 900 Series, model 90K000XU load lights with chrome trim flanges and with a 26° downward angle on the light beam on each side of the modular body rear. The downward angle may be accomplished by the use of an insert behind the lens. The loading lights shall be provided above the rear doors and shall illuminate the area

surrounding the back loading doors. Loading lights shall automatically be activated when the rear doors are opened and shall be incorporated with FMVSS backup lighting system.

Does your bid comply EXACTLY as written? YES () NO ()

7.3.3 The curb side scene lights shall be automatically illuminated anytime the patient compartment side entry door is opened.

Does your bid comply EXACTLY as written? YES () NO ()

7.3.4 The rear scene light on the curb side and street side shall illuminate anytime the vehicle is placed in reverse gear. This is in addition to the rear loading lights.

Does your bid comply EXACTLY as written? YES () NO ()

7.4 Spotlight. A handheld spotlight shall be provided with a minimum of 400,000 candle power lamp. It shall be in a corrosion-proof housing with a protected momentary switch to prevent accidental activation and a minimum 8 ft. heavy-duty coiled cord. It shall be shipped loose.

Does your bid comply EXACTLY as written? YES () NO ()

7.5 Vehicle Interior Lighting. The basic interior ambulance lighting configuration shall be designed to minimize electrical loads and include: a driver's compartment dome light, instrument panel lights, master switch panel and console light(s). Lighting shall be designed and located so that no glare is reflected into the driver's eyes or his line of vision from the switch control panels or other areas that are illuminated while the vehicle is in motion. The patient compartment dome lighting shall be sufficient at the step well, and the control panel shall be clearly visible or separately illuminated.

Does your bid comply EXACTLY as written? YES () NO ()

Patient Compartment Illumination. The patient compartment shall be provided with eight (8) overhead Whelen LED dome lights. There shall be 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 head liner and shall not protrude into the patient compartment. These lights must be bolted through tapping plates embedded in the headliner. The overhead lights shall have two (2) levels of illumination. When either the curbside or rear door (s) are opened, four (4) lights over the squad bench shall light automatically in low intensity mode. The lights over the primary cot shall not light to conserve power.

Dome lights shall be Whelen brand only. No exceptions.

Does your bid comply EXACTLY as written? YES () NO ()

7.6.1 The attendant shall be able to control these lighting levels from the patient compartment console. The dual level lighting shall work together or may be separately selected from side to side. The dual level feature shall be activated by rocker type switches located in the attendant's control panel.

Does your bid comply EXACTLY as written? YES () NO ()

7.6.2 In addition to the overhead lighting, a 12 volt DC fluorescent light with integral switch shall be provided in the attendant's work or "action" area. A step-well light shall be provided in the curb side door entry and shall be automatically activated when either the curb side or rear patient doors are opened.

Does your bid comply EXACTLY as written? YES () NO ()

7.6.3 Fluorescent Lights. Four (4) ThinLight 18 inch fluorescent lights shall be installed in the ceiling of the patient compartment. Lights shall be installed with two over the primary patient area and two (2) over the squad bench. Wire the fluorescent lighting to the check-out light timer and circuit. Additionally, there shall be a switch in the action area for said lights.

Does your bid comply EXACTLY as written? YES () NO ()

7.7 Check-Out Timer. A mechanically operated and manually wound timer shall be located at the head of the squad bench and adjacent to the side entry door. Timer shall be wired battery hot at all times and shall provide a minimum of 15 minutes power to the interior fluorescent lights so that the patient compartment equipment and supplies may be checked as required. The purpose of the system is to minimize battery cycling and to preclude the necessity for turning on the vehicle batteries as well as the use of higher powered patient compartment lights.

Does your bid comply EXACTLY as written? YES () NO ()

7.8 Exterior Compartment Lights. Lighting for exterior storage compartments shall be accomplished utilizing low wattage rope lighting. Lighting shall be activated by standard automotive plunger and sleeve type, self-adjusting door jamb switches. Standard halogen compartment lights are not desired by this agency and may be cause for rejection of the unit. There are no exceptions to this requirement.

Does your bid comply EXACTLY as written? YES () NO ()

CAB-BODY DRIVER COMPARTMENT AND EQUIPMENT

8.1 Cab-Body Provisions. The ambulance cab shall meet the requirements listed under section 3.0 of this specification as well as paragraph 3.9.2 of Federal Specification KKK-A-1822F. There shall be a bulkhead separating the cab and patient compartment with a pass-thru window.

8.2 Controls and Operating Mechanism. All cab controls and operating mechanisms shall meet the requirements of paragraph 3.9.4 of Federal Specification KKK-A-1822F.

Does your bid comply EXACTLY as written? YES () NO ()

8.4 Bumpers and Steps.

The rear bumper framework shall be constructed of 2"x 3"x .1875" wall, 11 gauge steel tube. The framework shall be bolted to the chassis frame. The outboard pods shall be covered with .100" diamond-plate and the center section shall incorporate a flip-up step of grated material.

8.5 Side Entry Step. Side entry step shall be a Kwickee Model 39 series

Does your bid comply EXACTLY as written? YES () NO ()

8.5.1 Heavy duty rubber dock bumpers shall be securely bolted to the rear bumper end pods. End pods shall be reinforced.

Does your bid comply EXACTLY as written? YES () NO ()

8.6 Fenders. Chrome fenderettes shall be provided around the rear wheel wells to provide protection against wheel wash.

YES () NO ()

8.7 Rub Rails. Aluminum 2 inch channels with ScotchLite inserts shall run the length of the module along the bottom edge except the area of the wheel weld.

Does your bid comply EXACTLY as written? YES () NO ()

VEHICLE BODY AND PATIENT AREA

9.1 Body Accommodations. The ambulance body and patient compartment shall be sufficient in size to meet the requirements of paragraph 3.10.1 Federal Specification KKK-A- 1822F. The interior layout shall be such that a technician can administer life support treatments to at least one person during transit.

The ambulance body shall have the following dimensions:

Length: 170"
Width: 96"
Height: 92" exterior wall 72" (Interior Headroom)

Does your bid comply EXACTLY as written? YES () NO ()

9.2 Attendant Seating. Seating for the attendant shall consist of a contoured "high back" padded bucket seat. The seat shall be mounted on a metal base and shall be equipped with seat belt for the attendant, and an integrated child restraint system. The seat shall have an adjustable track to allow movement (fore and aft) installation shall comply with the requirements of FMVSS.

Does your bid comply EXACTLY as written? YES () NO ()

9.3 Patient Compartment Interior Dimensional Parameters. The patient compartment of the ambulance shall meet the following as minimum requirements:

Length: Length measured from the bulkhead to the inside edge of the rear doors at the floor shall be at least 170". There shall be at least 25 inches and not more than 30 inches of clear space at the head of the primary patient, measured from the face of the backrest of the attendant's seat to the forward edge of the style 1 cot.

Width: The width of the patient compartment, after the installation of the cabinets, shall provide at least 44 inches between the narrowest points of the floor.

Height: The patient compartment shall provide at least 72" of height over the primary patient area measured from floor to ceiling.

Does your bid comply EXACTLY as written? YES () NO ()

9.4 General Body Construction.

It is the intention of these specifications to require that the all aluminum ambulance modular body be designed and fabricated to provide the safest possible surroundings while offering the greatest available payload capability in an affordable, state of the art environment. No rivets, screws, or other metal fasteners shall be used for the attachment of any exterior body panel to a structural member.

Does your bid comply exactly as written? Yes () No ()

Body Skin Thickness and Alloy

All sidewall, front and rear panels will be single piece .125" - 5052-H34 aluminum with a minimum density of 1.75 pounds per square foot. The single piece body skin shall be attached to the 2" x 2" structural with interval welds spaced at 8" along the mating edge of each structural tubing member. In addition, the skin shall be bonded to each structural upright full length using high strength Chemrex CX 400 adhesive. The body side skin is welded to each corner post along the inside contact point of each corner extrusion. This method of installation provides a welded application to the entire perimeter of the body side skin, a bonded attachment to the wall substructure and an additional flexible adhesive bond for enhanced support. Alternative bonding methods that utilize liquids, caulks, tape or rivets as an attachment process for bonding the side skin to the body structure will not be acceptable.

Does your bid comply exactly as written? Yes () No ()

Body Structural Framing

All framing will be a minimum of 2" x 2" square tubing with a wall thickness of .125" and an alloy rating of 6061-T6. Tubing members will be spaced on minimum 12-inch centers for optimum load and structural support. Gussets shall be added at all stress points. Gussets will be either .250" plate or 2" square tubing welded to the adjacent structural members at 45-degree angles for diagonal strength.

Does your bid comply exactly as written? Yes(☐) No(☐)

Vertical Corner Posts

As a part of the inherent structural strength of the modular unit, the use of reinforced extruded corner post is required. The vertical posts will measure 2.75" x 2.75", with a 2.125" radius, a minimum wall thickness of .125" and will have an alloy rating of 6061-T6.

The extrusion shall have full-length slots for insertion of the exterior wall skin. This characteristic eliminates exposed panel edges and with the added benefit of seam sealed joints, reduces oxidation and corrosion. The slot provides an area on the inside of the extrusion/sheet junction for welding the body side skin to the corner extrusion.

Additionally, the extrusion shall incorporate a full-length, integrally extruded center reinforcement rib with a minimum thickness of .200 inches and two side flanges. Rolled radius corners post, or "add-on" type covers that are not a part of the extruded vertical corner posts, shall not be accepted. Bidder must be prepared to verify compliance with this section. Drawings and samples of actual materials used may be required. The lower ends of the vertical corner posts must be closed off with an aluminum plate. The vertical corner posts and the roof corner extrusion shall be mated by a cast aluminum corner cap welded to all three extrusions inside and out. Construction, which merely welds the extrusions together, is unacceptable.

Does your bid comply exactly as written? Yes (☐) No (☐)

Roof

The roof skin shall consist of a single sheet of .090"- 5052-H34 aluminum. Roof framing shall be 2" x 2" square tubing with a wall thickness of .125" and an alloy rating of 6061-T6. These structural tubing members will be set on 12 inch centers below three (3) longitudinal full length extruded hat sections measuring 1" x 3" x .125" and an alloy rating of 6061-T6. The roof sheeting shall not be required as integral part of the roof structure; however, the roof skin shall be welded to the outer extrusions using a full perimeter, continuous weld on all four sides. The roof structure itself shall be designed to enhance the safety and structural integrity of the modular body and to meet or exceed the load requirements of AMD Standard No. 001. **To facilitate water dispersion, a minimum 3/4" "crown" shall be built into the roof structure. A flat roof will not be considered.**

Does your bid comply exactly as written? Yes (☐) NO (☐)

Horizontal Roof Edge

The extruded roof edge structural members will measure 6" x 4.75" with a 2" radius, a minimum wall thickness of .125" and an alloy rating of 6061-T6. The roof extrusions will include an integral, full-length drip rail for each side and from side to side on both the front and rear of the module.

Does your bid comply exactly as written? Yes () NO ()

Static Load Test

The ambulance body as a unit shall be designed and built to provide impact resistance. The body shall be of sufficient strength to support a minimum of 2.5 times 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, reinforcements, body parts, doors, floor members, inner linings, outer panels, rub rails or any other structure in accordance with AMD Standard No. 001.

Does your bid comply exactly as written? Yes () NO ()

Drip Rails

In addition to the drip rail found in the roof extrusion there shall be a drip rail provided over each exterior compartment door. These drip rails shall be attached in such a manner to provide quick and easy replacement in the event they are damaged. They shall not be riveted, welded, or integral to the doorframe extrusion.

Does your bid comply exactly as written? Yes () No()

Sub floor Structure

The sub floor structure of the modular body shall be constructed of 2" x 2" and 1" x 2" x .125" structural tubing. There shall be two (2) longitudinal and twelve (12) lateral tubes welded together to form a sub floor structure. The floor structure shall be designed to provide strength while conforming to chassis component clearance requirements and to provide appropriate locations for body mounting devices. Sufficient structure for maximum support and the safe installation of cot mount hardware or other floor-mounted devices will be integral to the sub floor structure. The sub floor structure shall include a 4" x 5" x .250" tube of 6061-T6 alloy as an "in-frame" pass through for the OEM fuel filler neck. Routing under the sub-floor frame or frame trimming to accommodate the fuel fill hose is not acceptable to this agency and will not be accepted.

Does your bid comply exactly as written? Yes () No()

Body Mounting

The modular body shall be mounted to the chassis with a system of rubber pucks (same as Type III OEM supplied). Other methods of body to chassis mounting which do not match the way the OEM cab is mounted will not be considered because of the inordinate amount of stress created by the cab and the modular body flexing differently and thereby working against each other.

There shall be ten (10) ½” thick by 6” wide aluminum plates of 6061T6 alloy welded to the underside of the structural floor to provide puck mounting locations five (5) per side. Steel mounting brackets shall be welded or bolted, depending on location, to the exterior side of the chassis frame rails in a manner so as to comply with all QVM and SVM specifications. The puck mounting bolts shall be installed from the underside up through the puck assembly and both mounting brackets with a steel plate and weld nut assembly on top. Puck mounting bolts are to be properly tightened to a specified torque rating of 60-65 ft/lb. There shall be .125” ribbed rubber electrolytic barriers between the dissimilar metals of the steel weld nut assembly and the ½” aluminum mounting plates. For ease of remount, the bolts can be easily removed from the underside of each puck.

Does your bid comply exactly as written? Yes () No ()

Module Side Entry Door

The modular body shall be provided with one (1) entry door on the curbside of the module. A forward hinged single door shall provide an opening of 32 inches wide by 70 inches high. This door shall be fitted with a Suspa or equivalent gas strut hold open device. The attachment of the push rod to the door shall be accomplished by bolting into riv-nuts secured in the extruded frame of the door with stainless steel screws. The door shall be attached using a 2.5” wide, full length slotted stainless steel piano hinge with a .250” diameter hinge pin. The hinge must be slotted in order to provide for field adjustment. There shall be a 24” stainless steel grab handle installed on the ALS cabinet inside of the side entry door.

Does your bid comply exactly as written? Yes () No ()

Module Rear Entry Doors

The modular body shall be provided with two (2) entry doors on the rear of the module. They shall cover a clear opening of not less than 58 inches high by 54 inches wide. The doors shall be attached using a 2.5” wide, full-length slotted stainless steel piano hinge with a .250” hinge pin. The hinge must be slotted to allow field adjustment. Hold opens for these doors shall be Cast Products "Grabber" type located on the exterior of each door with mating receptacle on the rear of the module body.

Does your bid comply exactly as written? Yes () No ()

Module Entry Door Windows

There shall be one (1) 18”H x 18.5”W windows in each module entry door. The windows shall be aluminum framed and the glass will be reflective privacy-tinted safety glass. The curbside door shall have a sliding glass window with a screen. The rear door windows shall be fixed to prevent exhaust gases from entering the vehicle. Windows, which open on the rear of the unit, are unacceptable because of the negative pressure created behind a moving vehicle. All windows covered with reflective privacy tint.

Does your bid comply exactly as written? Yes () No ()

Door Construction

All module entry and compartment doors to be a minimum of 2 inches thick and fabricated in the following manner:

(A). Exterior door skin shall consist of a single .125" aluminum sheet that is machine cut and formed to provide a smooth and unbroken finish. The door shall include a full perimeter internal extrusion designed to create a solid, square support structure for each door. This extrusion shall be designed in such a way that when the door is finished, there is no visible extrusion showing, thus creating a smoothly finished edge that will not allow dirt, salt, or other foreign matter to be trapped around the extrusion. Door extrusions will be mitered at each corner, fitted with an extruded, saw-toothed key seat specifically designed to insert into the door extrusion and welded to promote a square fit and to prevent frame member to separation. The doors will be interval welded around the inside seam of the formed door skin and the extruded internal support. **Doors that are purely pan-formed or having visible extrusions will not be considered.**

(B). The doorjamb will consist of a custom exterior extrusion with an alloy rating of 6061-T6. The doorjamb extrusions will be mitered at each corner and welded to promote a square fit and to prevent frame member separation. The doorjamb will be attached to the body door framing with 3M-VHB tape, interval welding around the full perimeter of the door opening and the joint between the jamb and the body side skin will be thoroughly seam sealed to provide a smooth unbroken finish and to prevent contamination, oxidation and corrosion. Bolting or screwing the casing to body is not acceptable.

(C). The exterior door skin panel shall be .125" thickness, 5052-H34 alloy rated aluminum, with the formed corners welded and finished to provide a smooth, unbroken appearance.

(D). All doors to be reinforced with extruded internal braces bonded to skin surfaces.

(E). All doors are to be flush with their adjacent extruded doorjambs.

(F). All doors shall have full-length stainless steel hinges with a .250" diameter pins. Stainless steel hinges shall be punch slotted for vertical and horizontal adjustments and attached with stainless steel screws. A neoprene barrier gasket must be installed on both sides of hinge attachment.

(G). All doors shall close on a continuous, extruded rubber gasket complex mounted on the inner flange of the door extrusion. The automotive style hollow bulb seal will have an integral rubber flange designed to be inserted into a groove provided on the inner doorframe extrusion. The interior edge of the doorjamb shall be specifically engineered to provide a flat sealing surface around the entire perimeter of the door opening. This specialized design provides an unbroken, full perimeter seal outside the door latching assembly to enhance the water tight integrity of each door. **Seals that are glued on or mounted to the compartment doors will be unacceptable due to their tendency to be torn by loading or unloading onboard equipment.**

(H). All access doors to be insulated with 1.875" Styrofoam.

(I). The interior door panel of the exterior compartment doors shall be of aluminum diamond plate..

(J). Patient entry door interior panel to be .100" thickness, 5052-H34 aluminum attached to exterior door extrusion by ¼" x 20 machine screws and matching thread inserts installed around the perimeter of each door.

(K). The interior surface of the module entry doors (rear and curbside) shall be finished in brushed stainless steel door panels, upper and lower.

(L). The lower surface of the door jamb of each exterior compartment shall be trimmed with a stainless steel trim piece which conforms to the door sill and breaks over and down the side of the body behind the lower body rub rail. Similar trim pieces shall be applied to the curbside and rear entry doorsills. The side and rear thresholds shall be 6" minimum. To improve threshold seal, strengthen the threshold and prevent equipment snags or tripping, the side and rear thresholds will be fit with a 2° chamfer where the threshold meets the floor.

Does your bid comply exactly as written Yes () No()

Hold-Open Devices

(A). All compartment doors are to have spring loaded hold-opens.

(B). The side entry door shall have a Gas strut hold open device.

(C). The rear entry doors are to have Cast Products Model C10870-1"Grabber" Door Stays.

(D). Compartment and access doors are to have separate "door open" warning indicator lights installed on the front switch control panel.

Does your bid comply exactly as written? Yes () No ()

Exterior Compartment Latching Mechanism

All compartments shall have a latching mechanism with the following characteristics:

(A). All exterior compartments shall have Eberhard 21100 series chrome handles with rotary type latches. These rotary style locks shall lock on to a "NADER" type pin located in each doorjamb. Nader pins shall be adjustable. Locking systems not using the above style hardware will be unacceptable.

(C). The module curbside and rear entry doors shall have Eberhard 21100 Series handles with rotary latches and "NADER" pins.

No exceptions will be allowed to the door handles specified.

Does your bid comply exactly as written? Yes () No()

(D). All of the above latches must be installed with a corrosion barrier type gasket between latch and door surfaces. C1052 zinc-plated steel connecting rods shall be used between the paddle handle and the rotary latches. These rods shall be threaded at the latch end to allow the door rod connector to be screwed onto the rod itself. The other end of the rod shall be a formed eyelet incorporating a hole for the handle pin. This system shall conform to AMD Standard 002. Systems using pulleys, cables, turnbuckles, or welded together components are not acceptable, and will be rejected. No exceptions to the above requirements will be allowed.

(E). To reduce the probability of corrosion and oxidation around the paddle latch, the mounting area will be treated with ECK.

Does your bid comply exactly as written? Yes () No ()

9.5 Grab Handles. "V" shaped grab handles shall be installed on the inner panels of each module entry door. Handles shall be constructed of stainless steel, a minimum of 1" in diameter and secured to inner tapping plates with threaded bolts.

Does your bid comply EXACTLY as written? YES () NO ()

9.6 Floor. The floor shall be at the lowest level permitted by clearances, but not more than 33 inches from the ground. The floor structure shall consist of a minimum of 2" x 2" x .125" structural box section 6061-T6 aluminum.

The finished floor assembly shall be securely welded to the wall structures and exterior compartments. All critical load points shall be reinforced with ¼ inch x 3 x 4 gusset plates. Above the floor channels, there shall be an aluminum moisture shield .050 inches thick.

Does your bid comply EXACTLY as written? YES () NO ()

9.6.1 A top floor of seven ply .75" boat grade plywood, sanded both sides with no voids, shall be installed over the moisture barrier. The plywood shall be marine resin coated prior to installation to prevent warping due to ambient moisture absorption. The plywood floor shall be one piece from the bulkhead to the rear doors between the patient door sill and squad bench and extend under the street side cabinets. The plywood floor shall be securely anchored to the floor sub structure with one quarter inch UNF machine by 2 ½" screws. The flooring shall extend the full length and width of the patient compartment including the space under the cabinets.

Does your bid comply EXACTLY as written? YES () NO ()

9.6.2 The entire underside of the modular body shall be sealed. All hollow structural shapes or cavities shall be sealed utilizing approved expandable foam insulation.

Does your bid comply EXACTLY as written? YES () NO ()

9.6.3 The rear patient access shall be equipped with an exterior aluminum threshold mount to the lower door jam. This threshold will protect bottom door jamb when loading one-man cot.

Does your bid comply EXACTLY as written? YES () NO ()

9.7 Floor Coverings. Floor covering shall be Lonseal Lonplate II heavy-duty safety vinyl. The floor surface shall provide a measure of skid-resistance without sacrificing color and style. The floor covering shall be constructed in multiple layers composed of polyvinyl chloride (PVC) resin, plasticizers, fillers and pigments. The co-calendared war layer shall be formulated to provide maximum resistance to foot traffic and most commercial and healthcare chemicals. The middle layer shall provide dimensional stability, sound-absorbing properties and resiliency under foot. The backing layer shall provide strength and stability of the flooring and shall enhance the bonding strength of the adhesive. Nominal overall thickness shall be .100 inches (2.5mm). Flooring shall meet or exceed all ASTM and / or NFPA standards as pertains to coefficient of friction, flame spread, smoke density, abrasion resistance, flexibility and chemical resistance. Color of flooring to be Gunmetal Grey #424TX.

Does your bid comply EXACTLY as written? YES () NO ()

9.8 Step well (side door). The curbside door step well shall be automatically lit when the side or rear doors are opened. The step well shall be finished with highly polished aluminum diamond plate.

Does your bid comply EXACTLY as written? YES () NO ()

9.9 Windows. There shall be a window in each of the three patient compartment access doors. The window frame shall be of an extruded aluminum design with a protective anodized finish and shall have privacy tint.

Does your bid comply EXACTLY as written? YES () NO ()

9.10 Insulation. The "second stage" 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. The exposed walls of the exterior compartments and wheel wells that intrude into the interior of the modular shall be covered with reflective insulating material with a value of R-14. The side, front, rear, walls as well as the ceiling shall also be insulated with a "Blue Block" foam that is cut to fit all areas between the body structure. The "Blue Block" insulation shall then be covered with a reflective insulating material which will prevent any heat or cooling loss through the body structure and skin. The reflective insulation shall include a foil lining on each side with a double layer of bubbles sandwiched between. The floor cavities (the space between the floor structure members) shall be insulated with "Blue Block" foam and then covered with the aluminum sub-floor.

Does your bid comply EXACTLY as written? YES () NO ()

9.11 Interior Surfaces. All vertical edges of cabinets shall be of a radius/rolled finish design to free the interior of the patient's compartment all sharp edges or projections. The counter top of the action area and telemetry area will be covered with colored poured epoxy countertops. Exact color to be determined at the pre-construction conference. ABS, or similar, and laminate covered countertops are not desired by this agency and may be cause for rejection.

Does your bid comply EXACTLY as written? YES () NO ()

9.11.1 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 as per FMVSS 302. Upholstered cushions shall be a minimum of 32 ounce nylon reinforced commercial vinyl material. Cushions shall be fabricated in a manner to eliminate exposed welting, thus eliminating areas where contaminated fluids can collect. Cushions with welting or beaded seams will not be accepted due to increased risk of body fluid penetration.

Does your bid comply EXACTLY as written? YES () NO ()

9.11.2 Patient Headliner. The interior patient compartment headliner (ceiling) shall be constructed of PVC material with no visible seams. The use of non-hardened material for the headliner is not acceptable due to increased risk of cutting the liner allowing body fluid penetration. The headliner shall contain the IV hooks, padded overhead grab rail and overhead lighting. The grab rail shall be recessed and not protrude into the patient compartment. The headliner shall be smooth and white in color. All hardware attachment through head metal shall be backed with aluminum plating.

Does your bid comply EXACTLY as written? YES () NO ()

9.12 Interior Stowage Accommodations. The interior of the patient compartment shall provide but shall not be limited to a minimum volume of 30 cubic feet of enclosed cabinets. Interior cabinet, shelf and compartment space shall be conveniently located for medical supplies, devices or other equipment. All interior cabinets shall be fully lined inside with white high pressure plastic laminate.

Does your bid comply EXACTLY as written? YES () NO ()

9.13 Exterior Storage Accommodations. Exterior storage accommodations shall be as per the following.

The ambulance shall be equipped with exterior compartments as shown in the drawings at the conclusion of this text. The exterior compartments shall be so constructed so that the compartment door is a maximum of 1" less in width than the interior dimension of the compartment. In addition, there shall be no larger than a 3" dimension between door openings of adjacent compartments. Since the location of equipment and maximum space utilization is of prime importance to this agency, the sizes and location of the various compartments required is necessary as shown. Deviations from the compartments as shown are not acceptable and may be cause for rejection of the bid.

Does your bid comply EXACTLY as written? Yes () No ()

A. The exterior compartments shall be lockable with one key fitting all. They shall be equipped with the handle and door locks as described in paragraph 5.16. Each exterior compartment shall be automatically lighted when the door is opened and shall activate the "compartment door" open warning light on the driver's console. The unit shall be wired so that only the light in the compartment that is open will be activated.

Does your bid comply EXACTLY as written? Yes () No ()

B. All exterior storage compartment(s) shall be lined with Kendall "Dri-Deck" rubber matting, or equivalent.

Does your bid comply EXACTLY as written? Yes () No ()

C. All exterior compartments shall have Mini Dura rope lighting. These shall be installed on both vertical sides of the compartment door opening and across the top door edge.

Does your bid comply EXACTLY as written? Yes () No ()

D. The dimensions of the exterior compartments shall be as follows: **NO EXCEPTIONS.**

#1 COMPARTMENT

Shall be the forward most upper compartment on the streetside of the module and shall provide storage for the main oxygen tank. In addition, there shall be a vertical aluminum divider to allow for backboard storage.

Compartment Sizes:(inches)

Height 82.75

Width 18.50

Depth 21.75

Does your bid comply EXACTLY as written? Yes () No ()

#2 AND 3 COMPARTMENT

Shall be the next rearward compartment on the streetside of the vehicle. This large compartment will have double doors. Includes (2) adjustable shelves on uni-strut track.

Compartment Sizes: (inches)

Height 38.25

Width 45.38

Depth 17.25

Does your bid comply EXACTLY as written? Yes () No ()

#4 COMPARTMENT

Shall be the rearward most streetside compartment. The exterior door shall be vented and will have three (3) adjustable shelves on uni-strut tracks. There shall be access to the interior through this exterior compartment. The top shelf shall have a horizontal diamond plate divider that expands the entire width of the cabinet top to bottom 12 inches from the inside of the exterior door face to separate the compartment inside from outside.

Compartment Sizes: (inches)

Height: 64.75

Width: 44.00

Depth: 23.25

Does your bid comply EXACTLY as written? Yes () No ()

#5 COMPARTMENT

Shall be the rearward most compartment on the curbside of the module. This compartment will be full height with two (2) fixed dividers for backboard storage with one fixed shelf. This compartment shall be completely lined with rubber coating to provide additional sound deadening and protection for the medical equipment contained within. There shall be an aluminum restraining bar installed at the top of the compartment to prevent backboards from falling out. See drawings for exact layout.

Compartment Sizes:

Height	82.75
Width	20.00
Depth	22.25

Does your bid comply EXACTLY as written? Yes () No ()

#6 COMPARTMENT

Shall be located just forward of the #5 compartment on the curbside of the vehicle. This compartment will be for general storage.

Compartment Sizes: (inches)

Height	23.00
Width	26.75
Depth	19.25

Does your bid comply EXACTLY as written? Yes () No ()

#8 COMPARTMENT

Shall be the forward-most upper compartment on the curbside and will be the exterior access door to the ALS cabinet. The upper section of the ALS will be accessible from the interior of the patient module only.

Compartment Sizes: (inches)

Height:	71.50
Width:	25.50
Depth:	27.75

Does your bid comply EXACTLY as written? Yes () No ()

Since the location of equipment and maximum space utilization is of prime importance to this agency, the sizes and location of the various cabinets required is necessary as shown. Deviations from the compartments as shown are not acceptable and may be cause for rejection of the bid.

Does your bid comply EXACTLY as written? YES () NO ()

9.13.1 The exterior compartments shall be all welded construction using .090 thick smooth aluminum and shall be fully finished with a chip resistant, bacteriostatic, anti-fungal/mildew resistant finish. The compartments shall be welded the full length of the seams and be completely water tight. The floor of the exterior compartments shall be at least two (2) inches below the lower door frame lip to help prevent equipment from falling out should a door not be closed. The curb side front ALS cabinet and the street side front oxygen and spine board compartment shall be sweep out design for ease in removing equipment and supplies. Each compartment floor will have at least three (3) support structures consisting of 1.25 x 1 x 2 6061-T6 rectangular tubing welded to the underside. All compartments shall have a stainless steel threshold.

Does your bid comply EXACTLY as written? YES () NO ()

9.13.2 All exterior compartments will be vented above the floor line with machine punched louvers.

Does your bid comply EXACTLY as written? YES () NO ()

9.13.3 All exterior compartments shall have a stainless steel sill plate.

Does your bid comply EXACTLY as written? YES () NO ()

9.14 Interior Stowage Accommodations. The interior of the patient compartment shall provide but shall not be limited to a minimum volume of 30 cubic feet of enclosed cabinets. Interior cabinet, shelf and compartment space shall be conveniently located for medical supplies, devices or other equipment. All interior cabinets shall be fully lined inside with high pressure plastic laminate.

Does your bid comply EXACTLY as written? YES () NO ()

9.15 Interior Cabinet Construction. The interior cabinets and components shall be constructed of Formaldehyde free, $\frac{3}{4}$ ", seven-ply special boat grade plywood. The exposed layers shall be hard wood on both sides of the sheet and at least 99% void free. Cabinet cases shall be made from at least $\frac{1}{2}$ " five ply plywood. The cabinets shall be constructed utilizing 8mm dowels placed on 32mm centers and any exposed edges (i.e. hinged cabinet doors) shall have the edges trimmed with a 32mm edge banding process. Laminated plastic (i.e. Formica) shall not be used for any edge trim. Any surface mounted wooden cabinet door shall utilize European style hidden hinges. The color of the laminate in the patient compartment shall be Dove Gray over Pewter Brush

9.16 Storage Compartments and Cabinet Design. Storage cabinets, drawers, and kits shall be easily opened but shall not come open in transit. For rapid identification of contents, medical supply cabinets above the litter patients, shall have shatterproof, transparent or lightly tinted, sliding doors provided with low profile handles. Storage compartments shall be divided into sections, shelves shall be adjustable, drawers shall be marine style slide or tilt, and all shall be removable. Sliding doors for cabinets designed to carry lightweight items such as dressings, bandages, etc. shall automatically latch or be fitted with friction holding devices when in a closed position. Other compartments designed to carry heavier items such as first aid and drug kits, portable and spare oxygen bottles, suction units, etc. shall have positively locked latches that are bolted to the door and the door frame structure and are designed to remain closed in an accident, including rollovers. Use of sheet metal or wood screws is not acceptable.

Side cabinet shelves shall be no more than 20" in depth, when located above the vehicle belt level. Storage compartments, cabinets, and support equipment area interior surfaces shall be finished in accordance with 3.10.17. To preclude injury, in the event of an accident, all cabinets shall be firmly anchored (bolted or welded) to tapping plates of the body structure.

Does your bid comply EXACTLY as written? YES () NO ()

9.17 Location of Medical Supplies. Location of medical supplies and equipment shall be dictated by their relative importance and shall be readily accessible to the Emergency Medical Technician (EMT). Priority shall be given to items necessary to cope with life threatening conditions at the scene and in transit. The equipment and supplies necessary for airway maintenance, ventilation, oxygenation, and suction shall be at the head of the primary litter (action area). When items for cardiac monitoring/ defibrillation, mechanized CPR, administration of intravenous fluids/medications, and the monitoring of blood pressure are furnished, they shall also be readily available to the EMT at the action area.

Supplies, devices, tools, etc., shall be stored in enclosed compartments and/or drawers designed to accommodate the respective items. All medical devices and equipment shall be stowed or properly fastened in/on the action area or in cabinets to prevent items from becoming projectiles in the patient compartment that can cause injury while the vehicle is in motion or involved in an accident.

Does your bid comply EXACTLY as written? YES () NO ()

9.18 Squad Bench, Seats and Backrests. The squad bench seat and backrests shall be seamless designed impervious to fluid penetration.

Does your bid comply EXACTLY as written? YES () NO ()

9.18.1 Squad bench shall be equipped with a locking device to secure the lid preventing accidental opening during a rollover. The locking device shall automatically secure the lid upon closing without any additional action by the unit's personnel. There shall be a safety net installed at the head end of the squad bench.

The squad saver net shall be attached to the end of the squad bench, the curbside wall and the overhead liner with removable latches. The net shall be made from black nylon two inch webbing and shall be 24 inches wide.

The face of the squad bench shall be recessed 6" to allow room for attendant's feet.

Does your bid comply EXACTLY as written? YES () NO ()

9.19 Biohazard/Sharps Disposal Area. A dedicated area at the head of the squad bench shall be for biohazard and sharps disposal. Access to an individual sharps container and a separate biohazard trash receptacle shall be through a single, hinged Plexiglas door. Access opening shall be at least 10"x12" single opening. Clean out shall be by a drop down door on the end of the squad bench facing the ALS cabinet. Door shall be red in color and shall have a biohazard warning label installed. In addition, there shall be a storage area for two (2) "D" sized O2 cylinders in the squad bench.

Does your bid comply EXACTLY as written? YES () NO ()

9.20 Seat Safety Belts and Anchorages. Shall incorporate an automatic locking retractor on the male side of the seat belt.

Does your bid comply EXACTLY as written? YES () NO ()

9.21 Litter Fasteners and Anchorages. Cot fasteners shall be mounted utilizing tapping plates incorporated into the modular body floor. Front cot fastener shall be centered 85" from the inside of the back doors. Cot fastener shall be a Stryker dual position cot mount.

Does your bid comply EXACTLY as written? YES () NO ()

9.22 Patient Restraints. Shall be as specified in paragraph 3.11.8 of Federal Specification KKK-A-1822F.

Does your bid comply EXACTLY as written? YES () NO ()

9.23 IV Holders for Intravenous Fluid Containers. Shall be as specified in paragraph 3.11.9 of Federal Specification KKK-A- 1822E. There shall be two Cast recessed, fold down, IV hangars and two (2) Perco clip style holders shall be furnished. One each at the foot of the primary and secondary patients.

Does your bid comply EXACTLY as written? YES () NO ()

9.24 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 pressure gauge shall be visible from either the attendant's seat or from the squad bench. The oxygen shall be piped to two (2) self-sealing Ohio adaptable oxygen outlets located in the action area, one (1) in the ceiling headliner, and one (1) oxygen outlet at the head of the squad bench. The oxygen system will incorporate electrically conducted oxygen hose with a working pressure of 150 PSI. All oxygen hose/outlet connections will use machine crimped brass ferrules and high pressure connectors. The entire oxygen delivery system will be pressure tested with a minimum of 150 PSI of nitrogen gas for a period of 4 hours. The testing documentation will be delivered with each vehicle. There shall be a large O2 cylinder changing wrench #5082 secured with a cable in O2 compartment. Oxygen tank bracket shall be a Ziamatic Quic-release system #3030PM5

Does your bid comply EXACTLY as written? YES () NO ()

9.25 Suction Aspirator, Primary Patient. An electrically powered suction aspirator system shall be furnished with an illuminated switch and a panel mounted, labeled, quick disconnect inlet device on the EMT panel. The suction pump shall be located in an area that is accessible but sound and vibration insulated from the patient compartment. The pump shall be vented to the vehicle's exterior. All components, electrical, pressure and/or vacuum, and other lines and accessories, shall be securely mounted yet readily accessible.

The aspirator system shall provide a free air flow of at least 30 LPM and achieve a minimum of 300 mm Hg vacuum within four seconds after the suction tube is closed. The rate of flow and pressure of the engine vacuum aspirator system shall be attainable continuously during the entire normal range of vehicle operation (i.e., accelerating, decelerating, at rest, climbing hills, etc.). A vacuum control and a shut-off valve, or combination thereof, shall be provided to adjust vacuum levels and to discontinue aspiration instantly. A vacuum indicator gauge of 76 mm +/-13 mm (3" +/-0.5") in diameter, with numerical markers at least every 100 mm Hg and a total range of 0 to 760 mm Hg, shall be provided. The collection bottle shall be non-breakable, transparent and disposable with a minimum 1,000 ml capacity. The preferred brand and model will be a Rico RS-4.

Does your bid comply EXACTLY as written? YES () NO ()

10.1 PATIENT COMPARTMENT REQUIRED FEATURES. The patient compartment shall have the following required features AS A MINIMUM:

ALS Right Front Cabinet

This cabinet shall be divided into two sections. Top section accessible only front inside unit. The bottom section will be accessible from the inside and outside. At the top of this cabinet shall be a cabinet with a height of 8 3/4 inches. The cabinet door will be solid and hinged at bottom to fold down. Below this will be two medi+kool model mk18 with rear mount compressor for cold storage equipped with slide out drawers for med storage. Black National DualAxxcess combo locks PnNCD8031-19-ka-DA120 security locks installed on each cabinet. Exterior wall will have two separate louvered vents covered with aluminum or chrome covers for ventilation. Lower cabinet will have dual wooden doors with Plexiglas inserts and one (1) adjustable shelf. Refer to drawings for exact layout.

CPR Seat

A side facing CPR seat located on the street side of the vehicle. This seat shall also be furnished with a seat belt meeting the above requirements and shall have padding at the head areas. The seat shall hinge up to provide storage underneath and shall have a positive latch to keep in the closed position. The face of the CPR seat area shall be recessed by 6" to allow room for the attendant's feet. See the drawings in this bid package for the exact layout and location of the CPR seat.

Kick Panels	The lower 12 inches of the base wall cabinet, squad bench cabinet (including the forward face) shall be covered with brushed stainless steel kick panels. For cleaning purposes, panels shall be installed without mechanical fasteners.
Inside / Outside Storage	In addition to the right front ALS cabinet, there shall be an access from the interior of the patient compartment to the interior of the street side rear compartment. Access shall be through Plexiglas doors.
Overhead Cabinet	A cabinet shall be provided over the squad bench. The cabinet shall run the entire length of the squad bench and shall have two (2) lift up Plexiglas windows. The underneath side and/or edges of the cabinet shall be padded for protection. This cabinet shall have restocking feature.
Action Rea Counter	Built in consistence with minimal floor width specs and topped with a molded solid surface counter matching that of the telemetry area surface
O2 supplies cabinet	A cabinet shall be provided over the action area 18 inches high and run the entire length of the action area. An adjustable shelf shall be mounted mid height and span the length of the cabinet.
Monitor supply Drawers	Two slide out drawers, one over the other, 18" h x 18" w x 9" d shall be installed in the telemetry area cabinet next to the cpr seat facing the cot. These cabinets should have latch style locks to prevent unintentional opening. Telemetry counter and shelves shall be recessed 6" to match CPR seat.

Re-Stocking Feature

All cabinets, with the exception of the inside-outside cabinet on the streetside, will have sliding Plexiglas windows located above the height of the primary patient shall be re-stocking style. Each frame shall be hinged to lift up as one piece for ease in accessing the interior of the cabinet. The frame shall be held in place with two (2) 20 lbs. gas struts and shall have a positive latch to ensure that the frame stays in the down position when closed.

Glove Box Holders

A cabinet shall run horizontal above the squad bench for (4) boxes of glove. These shall have independent dividers as well as independently hinged Plexiglas doors with stainless steel hinges and handles. The cabinets shall be sized to accommodate standard sized glove boxes.12/15/20144/5/2016

10.2 PATIENT COMPARTMENT REQUIRED FEATURES CONTINUED:

Additional Refrigeration

A Medi-Kool MK20 SS with rear mount compressor shall be installed beneath the pass thru, behind the attendant's seat, equipped with left side door hinge for ease of access.

Does your bid comply EXACTLY as written? YES () NO ()

ENVIRONMENTAL SYSTEMS

11.1 Driver's Compartment Environmental Equipment. The ambulance shall be equipped with heating, ventilating, and air conditioning systems that operate using re-circulated air and ambient air and shall be capable of maintaining interior temperature within the established comfort zone of 68 degrees Fahrenheit 78 degrees Fahrenheit while operating between 0 degrees and 95 degrees Fahrenheit ambient. Environmental system components shall be readily accessible for servicing at the installed location. The airflow selector switch shall provide a high, medium and low setting. The switch shall be a common switch for both the heater and air conditioner. These environmental control switches shall be immediately accessible to the attendant while seated in the primary attendant seat located at the head of the primary patient. There shall be at least one air conditioning vent installed to direct conditioned air towards the attendant's work area.

The module control thermostat shall be a Hoseline CM3000 digital thermostat on a removable panel above the action wall. The system shall automatically maintain the set module temperature every time the vehicle is operated. The combo air conditioning /heating shall be located in the top of the right front cabinet. The air conditioning unit shall include an additional external condenser mounted below the module with a pressure switch and an accumulator. In addition, there shall be a APS253 Ultraviolet Air Purification system installed.

Primary manufacturers shall submit testing documentation from an independent laboratory for compliance with Federal Specification KKK-1822F with this proposal.

Does your bid comply EXACTLY as written? YES () NO ()

11.2 Patient Compartment Environmental Equipment. Jackson County EMS is committed to keep our staff and patients safe by utilizing technology available in today's market place. Therefore, it shall be incumbent for all primary manufacturers to provide the maximum protection from airborne pathogens and eliminate obnoxious odors that can create discomfort for staff and patients. The patient compartment shall be heated and air conditioned by a HEPA filtered system that complies with the performance standards set forth in KKK-A-1822F. The air conditioning/heating unit shall be accessible for service through a "tilt-out" access panel in the dedicated environmental cabinet on the bulkhead and shall have a digital thermostat. This unit shall also be equipped with a ultraviolet light for additional protection against airborne pathogens.

Does your bid comply EXACTLY as written? YES () NO ()

11.3 Heating Criteria. Shall meet the performance requirements of paragraph 3.13.4 of Federal Specification KKK-A-1822F.

Does your bid comply EXACTLY as written? YES () NO ()

Air Conditioning Criteria. Shall meet the performance requirements of paragraph 3.13.5 of Federal Specification KKK-A-1822F.

Filtration System. There shall be a HEPA filter in the air return system.

Does your bid comply EXACTLY as written? YES () NO ()

11.4 The air delivery and return system must be a sealed system to not allow the passage of air other than through the HEPA filter as described above.

Does your bid comply EXACTLY as written? YES () NO ()

11.5 Ventilation Criteria. The fresh air vents shall be located under or in immediate proximity of the air conditioner's vent. This shall allow, when on a low setting, the air conditioner to create a Venturi effect and cause an increase of fresh airflow in the patient compartment.

Does your bid comply EXACTLY as written? YES () NO ()

ADDITIONAL SYSTEMS, EQUIPMENT, ACCESSORIES AND SUPPLIES

12.1 Siren - Public Address System. The ambulance shall be equipped with a Federal Signal PA300 electronic siren with silent testing. The siren shall have a remote located amplifier that is mounted inside of the front console with the control panel only mounted on the front of the front console.

Does your bid comply EXACTLY as written? YES () NO ()

12.1.1 Two (2) BP EF200 200-watt speakers shall be installed in the OEM front bumper tips.

Does your bid comply EXACTLY as written? YES () NO ()

12.1.2 There shall be a Federal EQ2B electronic siren installed in addition to center of front bumper .

Does your bid comply EXACTLY as written? YES () NO ()

12.2 Antenna Cable Installation. Shall meet the requirements of paragraph 3.14.3 of Federal Specification KKK-A-1822F. There shall be two (2) coax cables from the ceiling of the module terminating in compartment 2 general storage of the module body. Both shall be pre-wired with power, grounds, and breakers.

Does your bid comply EXACTLY as written? YES () NO ()

12.5 Fire Extinguisher: One (1) ABC dry chemical multipurpose, minimum 20 lb. unit mounted in compartment 2, in a quick release bracket.

Does your bid comply EXACTLY as written? YES () NO ()

12.6 Backup Alarm. An audible warning device activated when the vehicle is shifted into reverse. Echovision model EBD0225 or EBD0231 will be acceptable. No wireless systems will be accepted.

Does your bid comply EXACTLY as written? YES () NO ()

12.7 Grab Rail. There shall be supplied two 117" stainless steel, handicapped style overhead grab rail located along the compartment's center line to allow immediate access from either side of cot. For increased safety, the grab rail shall be recessed into the ceiling and not protrude into the patient compartment.

Does your bid comply EXACTLY as written? YES () NO ()

12.8 Grab Rail, Additional. There shall be stainless steel, handicapped style grab rail located exteriorly along the left side of the side entry door. Grab rail shall measure approximately 30 inches in length and shall be securely bolted to body structural members. Grab rail shall be placed so that it is easily accessible from ground level standing position.

Does your bid comply EXACTLY as written? YES () NO ()

12.9 Dri-Deck Mats. Each exterior compartment floor and shelf shall have a black plastic Dri-Deck (or equal) mat installed in order to keep equipment from actually resting on bare aluminum. Where more than one tile is required, each tile shall interconnect with adjoining tiles.

Does your bid comply EXACTLY as written? YES () NO ()

12.11 Reflectors: A red reflector, minimum 3 inch diameter, shall be installed, one on the interior surface of the side door, and each rear door as well as each exterior compartment door (not required on the battery compartment) The reflectors shall be so positioned as to provide maximum visibility when the doors are in the fully open position.

Does your bid comply EXACTLY as written? YES () NO ()

12.12 I.V. Fluid warmer. Smithworks Model 12VFM4L02 mounted below pass thru window on top of refrigerator cabinet

Does your bid comply EXACTLY as written? YES () NO ()

12.13 Accessory A/C compressor: An additional automotive style, engine mount A/C compressor shall be installed and connected to the patient compartment A/C system.

Does your bid comply EXACTLY as written YES () NO ()

12.14 Backup Camera/Audio System: Pioneer model AVIC-6000NEX with camera mounted above rear doors with view angle adjusted for field of view from rear bumper out to 10ft. Camera shall be wired to activate automatically when vehicle is shifted into reverse

PREPARATION FOR PAINTING, COLOR AND MARKERS

13.1 Color, Paint and Finish. Ambulance body and all attached equipment exterior surfaces, except polished metal parts, shall be thoroughly cleaned, treated, and coated with a firm primer and preservative with rust inhibiting properties, and painted white to match the OEM chassis. Ferrous metal interior surfaces shall be painted or, when not exposed for painting, shall be treated or coated to resist corrosion. **Only a polyurethane, base coat/clear coat paint system shall be used to paint the modular body**

The final stage manufacturer's painted components shall have a paint film not less than 1.25 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", "orange peel", pinholes, or other surface irregularities. Exterior finish paint shall not be required on the underbody and inside surface of the body skirting.

Paint layout shall follow photos and design as specified. The ambulance paint design is a white over red custom layout. See drawings and photos included in the bid package.

Does your bid comply EXACTLY as written? YES () NO ()

13.2 Color Standards and Tolerances. Shall be as required by paragraph 3.16.2.1 of Federal Specification KKK-A-1822F.

Does your bid comply EXACTLY as written? YES () NO ()

13.3 Salt Spray Resistance. Shall meet the requirements of paragraph 3.16.2.1 of Federal Specification KKK-A-1822F.

Does your bid comply EXACTLY as written? YES () NO ()

13.4 Emblems and Markings: Agency decals will include Jackson County logos, striping, and lettering. All graphics will be Scotchlite reflective vinyl. See layout and photos provided in the bid package.

Does your bid comply EXACTLY as written? YES () NO ()

13.5 Markings, Data Plates, Warranty Notice. Shall meet the requirements of paragraph 3.19 of Federal Specification KKK-A- 1822D.

Does your bid comply EXACTLY as written? YES () NO ()

QUALITY ASSURANCE PROVISIONS

14.1 Responsibility for Inspection and Tests. The Bidder shall be responsible for the performance of all inspections and test requirements specified herein. The Bidder may use his own or any other facilities suitable for the pre-delivery and acceptance inspections unless disapproved by the purchaser. The purchaser reserves the right to perform any of the inspections and tests set forth in this specification where such inspections are deemed necessary to assure supplies and service conform to the specification and contract. The Bidder shall conform to the purchaser's inspection representatives with instruments and all such assistance as may be required.

Does your bid comply EXACTLY as written? YES () NO ()

TESTS

15.1. Test Criteria. The Bidder is obligated to prove that the vehicle, ambulance components and equipment offered/provided meet or exceed the requirements of this

specification and of compliance to Federal Ambulance Specification KKK-A-1822F and any of its amendments in effect at the time of this bid.

Does your bid comply EXACTLY as written? YES () NO ()

JACKSON COUNTY EMS

BID FORM

NAME OF BIDDER: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____

PERSON TO CONTACT: _____

We herewith submit and bid as follows:

CHASSIS/MAKE: _____

MODEL/TYPE: _____

AMBULANCE BRAND: _____

F.O.B. POINT: _____

DELIVERY - CALENDAR DAYS: _____

NET PRICE COMPLETE, WITH ALL OPTIONS, AS SPECIFIED \$ _____

BID IS: _____ AS PER SPECIFICATION, TAKING NO EXCEPTIONS
_____ TAKING ONLY THOSE SPECIFICATION EXCEPTIONS
LISTED, ATTACHED AND REFERENCED TO PARAGRAPH

It is agreed by the undersigned bidder that the signature and submission of this bid represents the bidder's acceptance of all terms, conditions, and requirements of bid specifications and, if awarded, the bid will represent the agreement between the two parties.

SIGNED: _____ DATE: -

NAME PRINTED: _____
TITLE: _____

***NOTE:** All variations and/or exceptions must be listed on the attached pages, by page and paragraph number from specifications and explained in detail. Failure to so list exceptions will disqualify the bid.

**JACKSON COUNTY EMS
EXCEPTIONS LISTING**

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

VENDOR NAME: _____

BIDDING: _____

EXCEPTION PAGE: _____ **OF** _____

Paint and Graphics Design
Example 1.



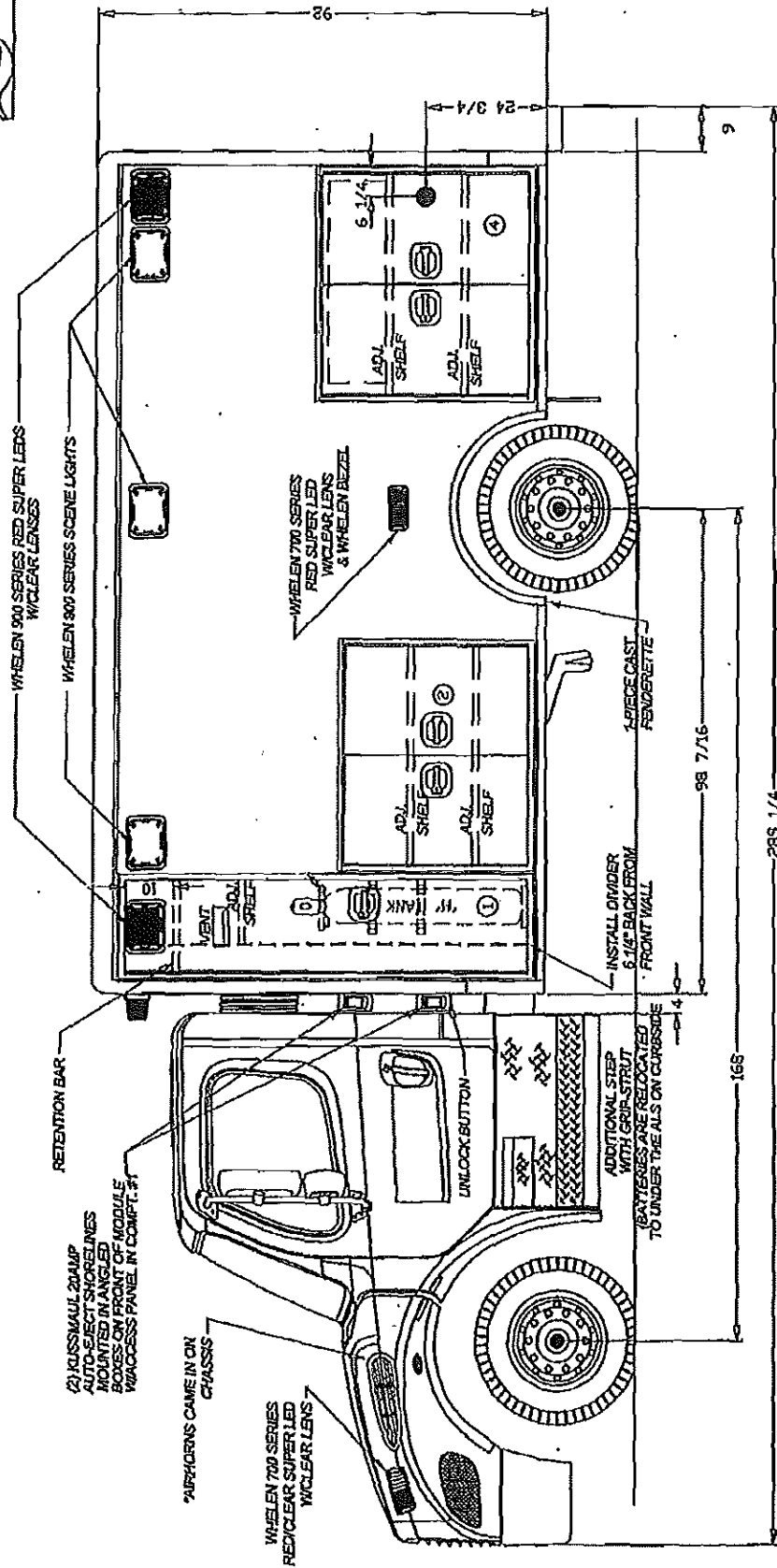
Paint and Graphics design
Example 2



Paint and Graphics Design
Example 3



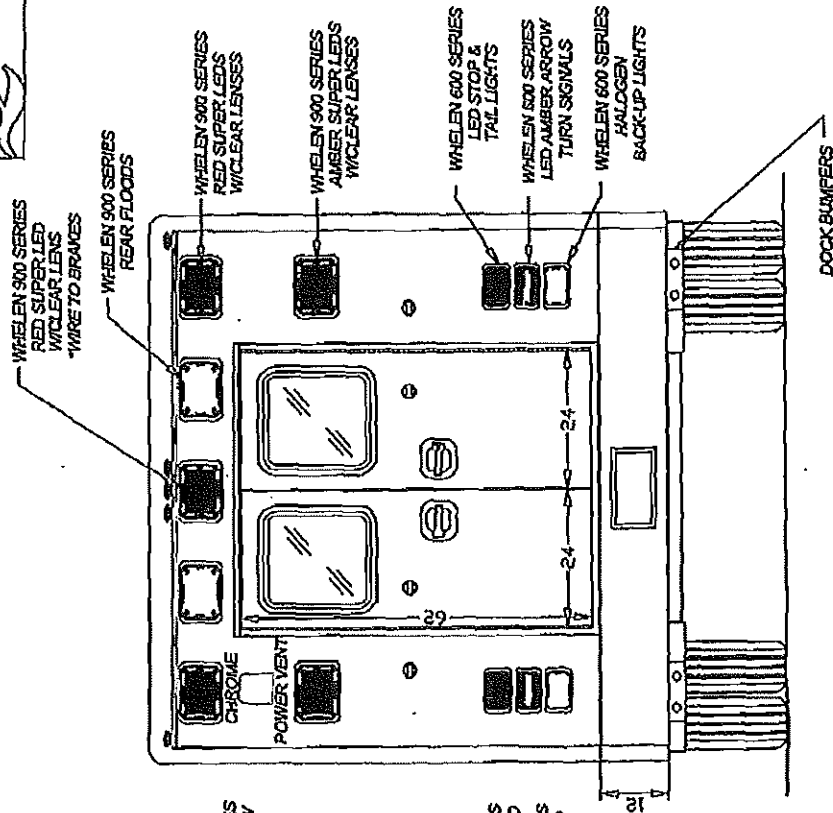
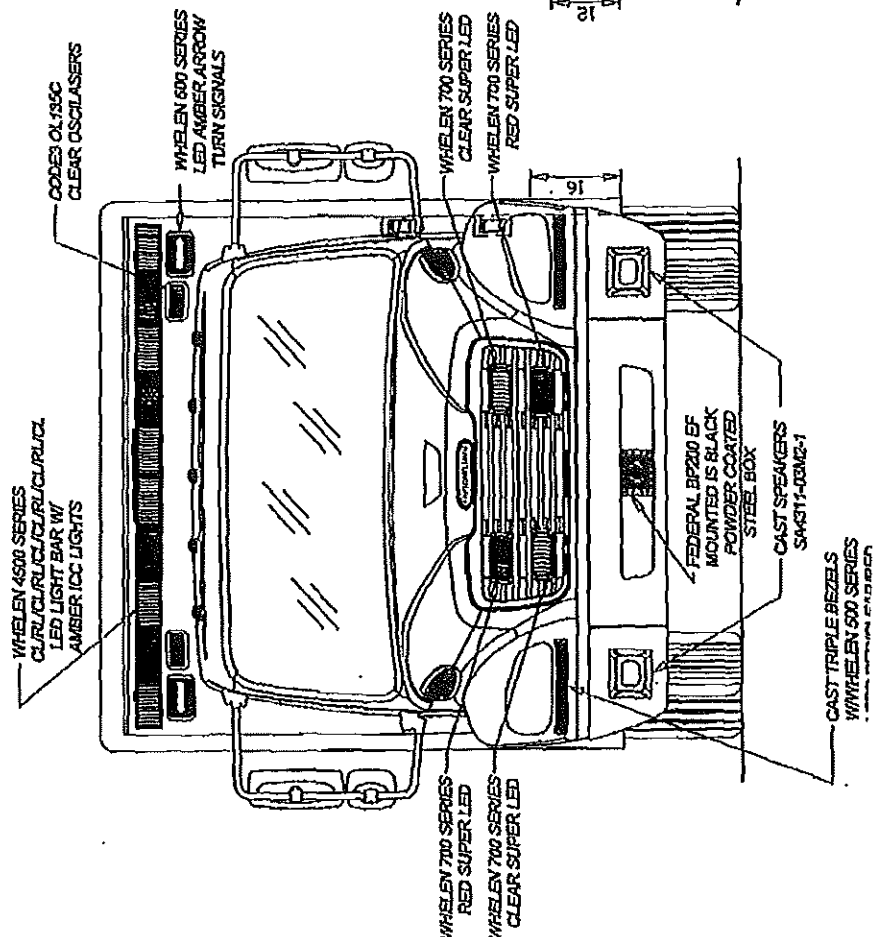
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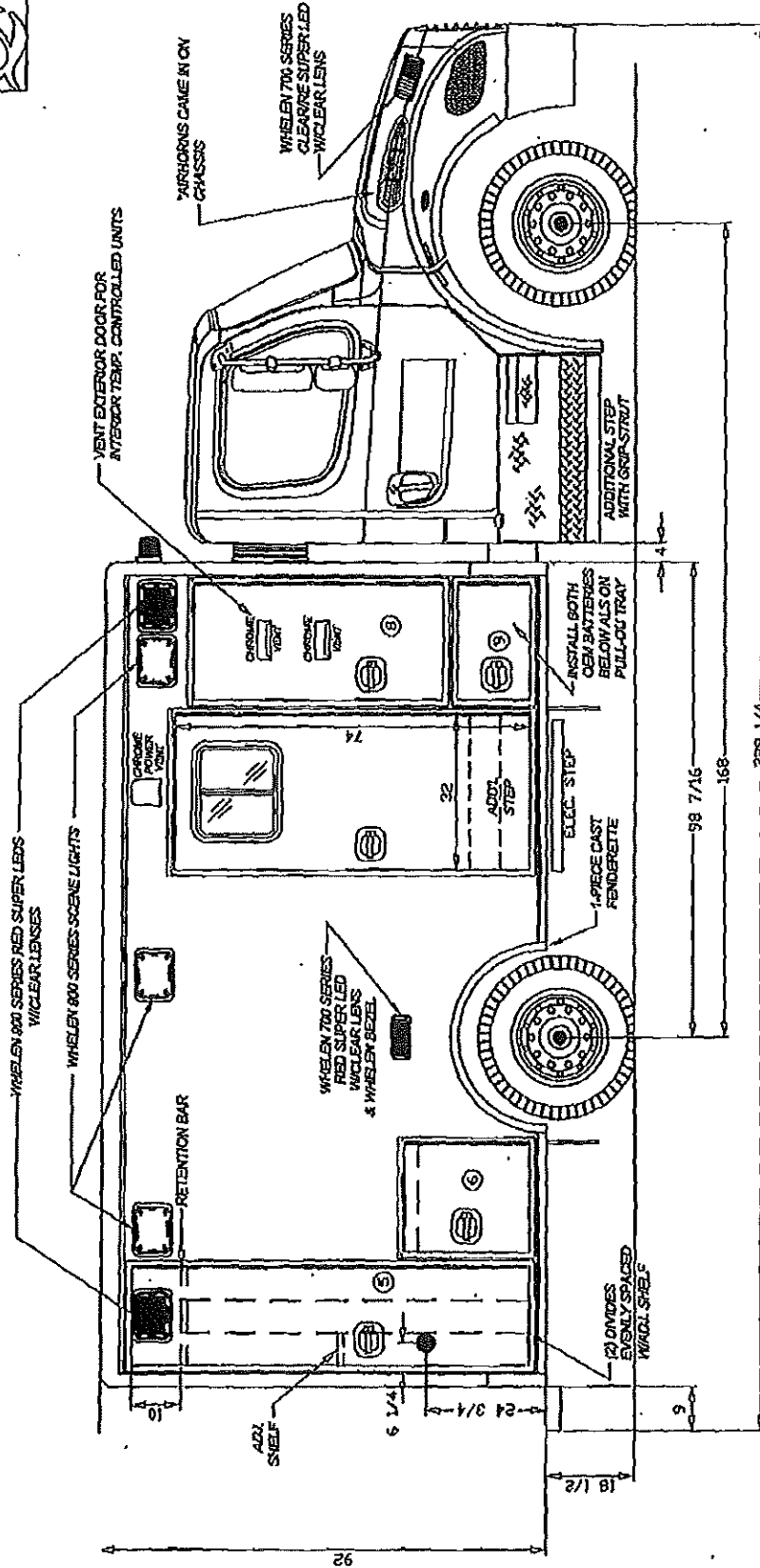
APPROVED: _____

NOT APPROVED: _____



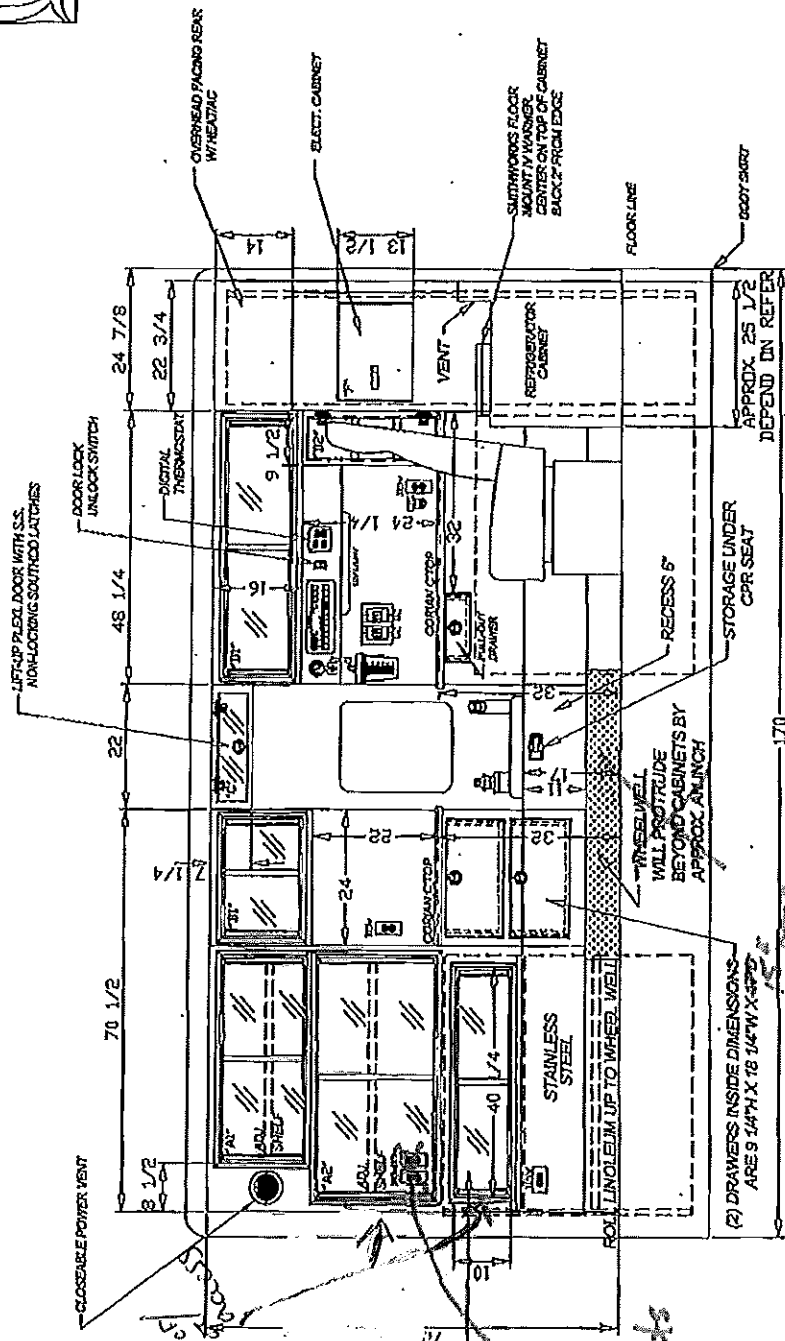


APPROVED: _____ NOT APPROVED: _____



APPROVED: _____

NOT APPROVED: _____



2
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interior
Access

ISOCS
TO COMPT #

can delete
Power outlets

(2) DRAWERS INSIDE DIMENSIONS
ARE 9 1/4\"/>

WHEELWELL
WILL PROTRUDE
BEYOND CABINETS BY
APPROX. 1/4\"/>

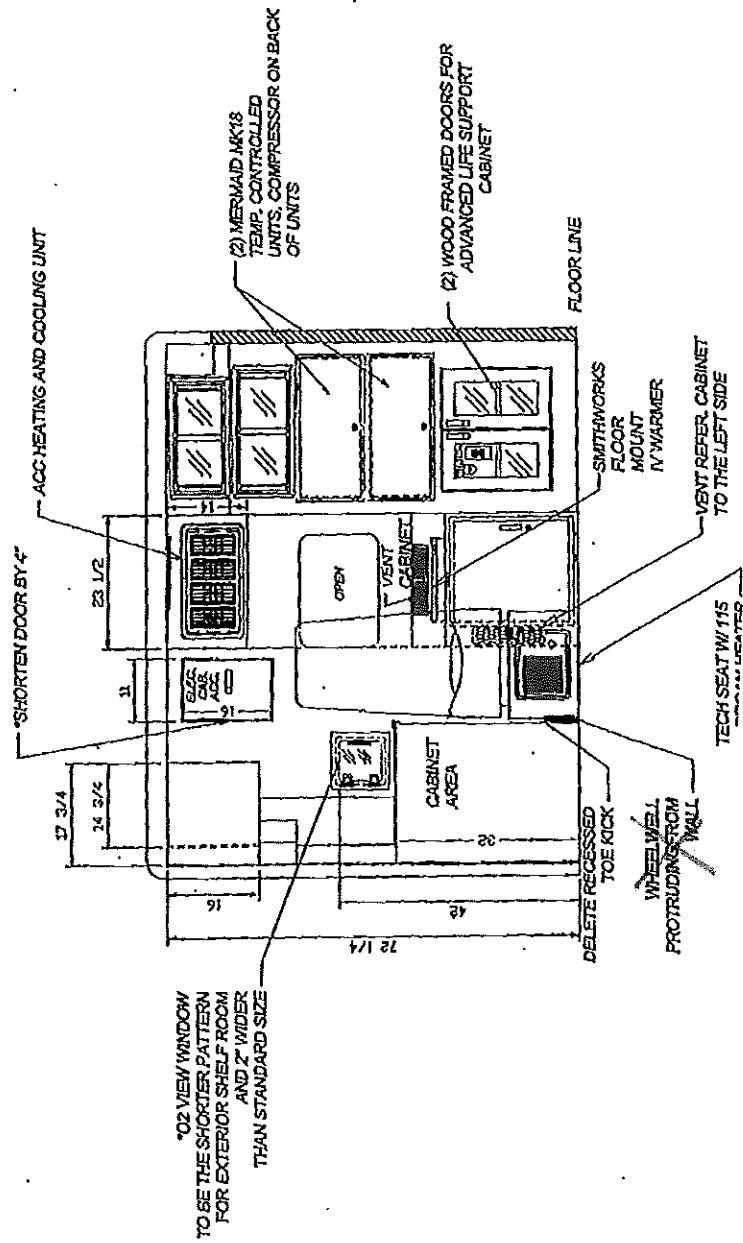
STORAGE UNDER
CPR SEAT

APPROX. 25 1/2
DEPEND ON REFER

DETAILS ARE CONCEPTUAL ONLY, LAYOUT AND ALL DIMENSIONS

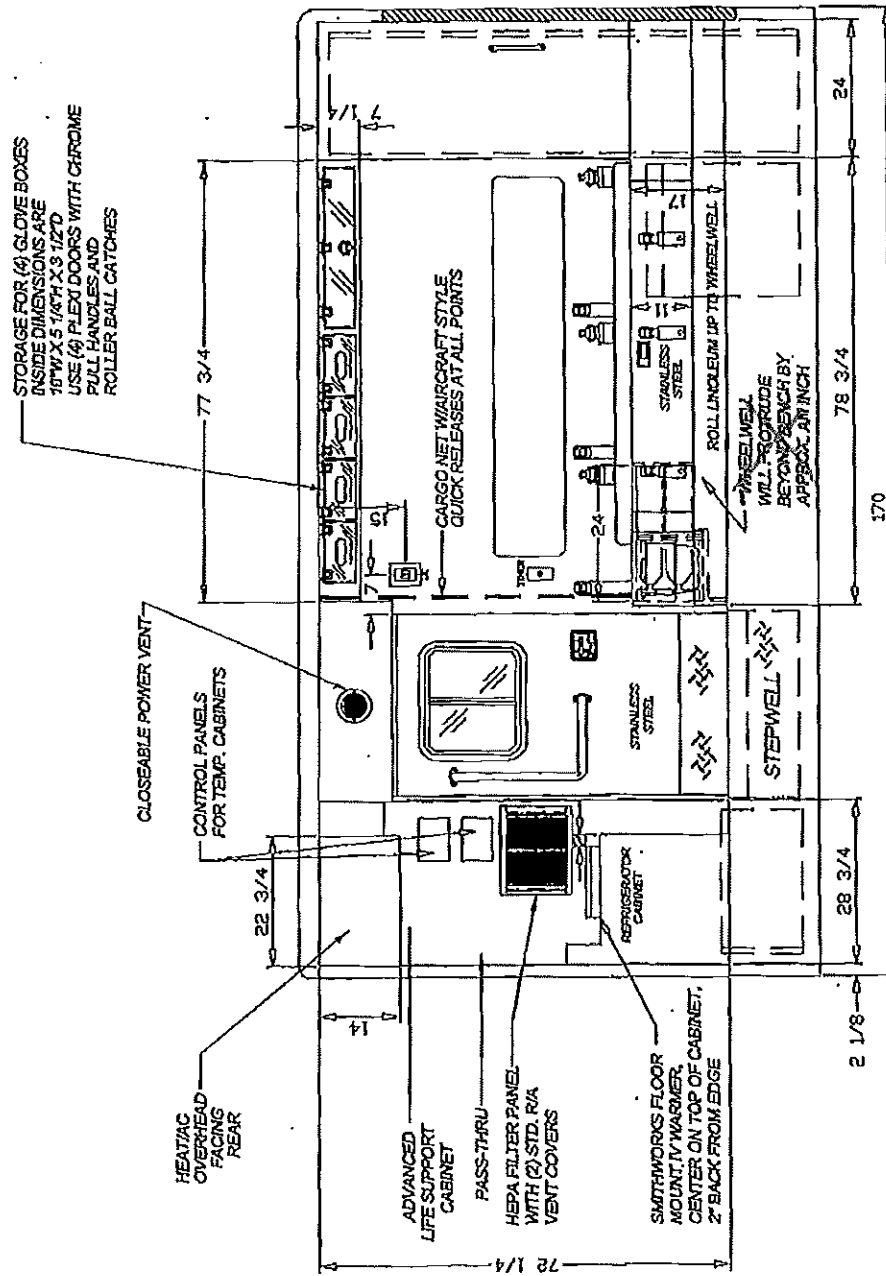


APPROVED: _____ NOT APPROVED: _____





APPROVED: _____ NOT APPROVED: _____

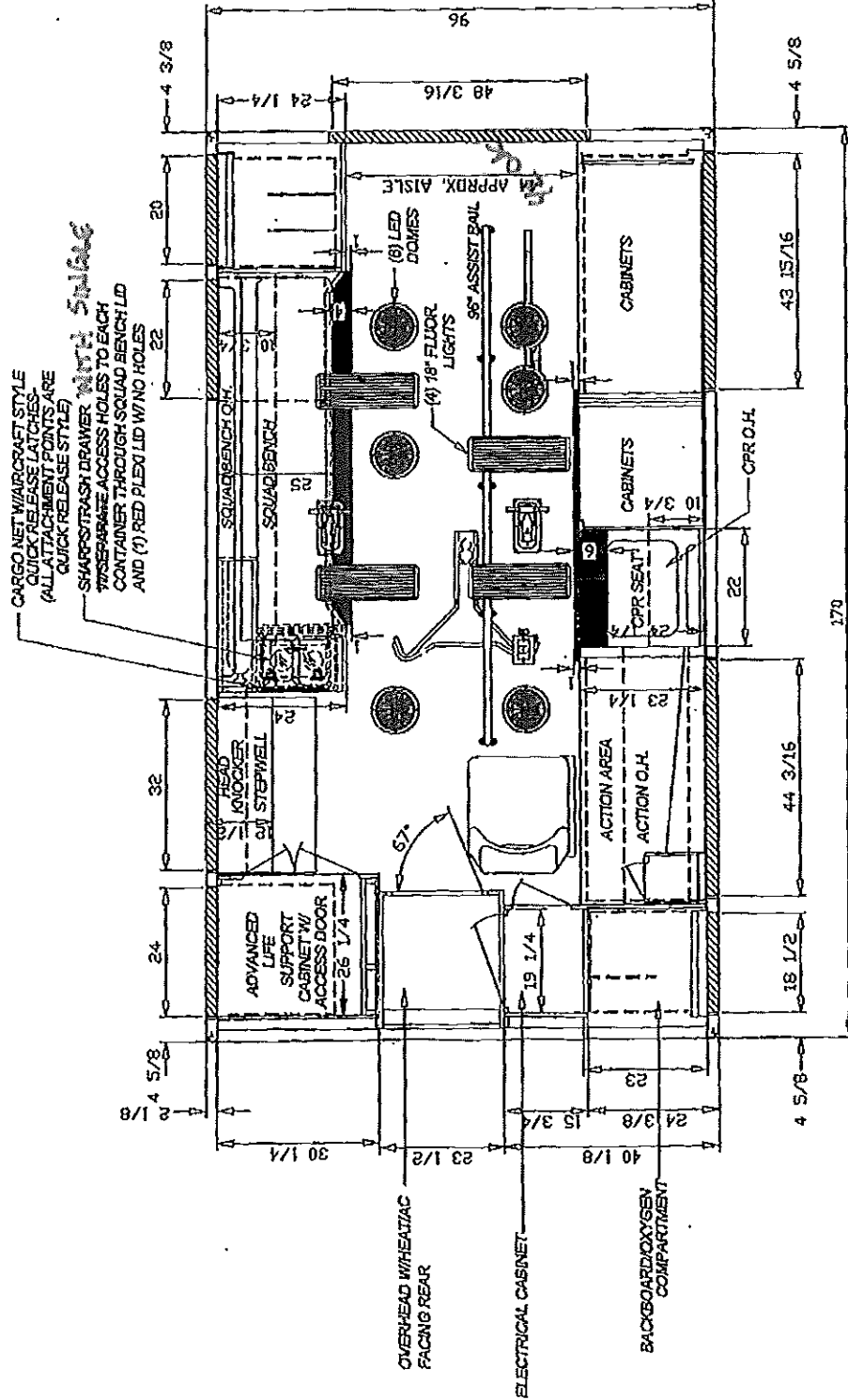


FLOOR



APPROVED: _____

NOT APPROVED: _____

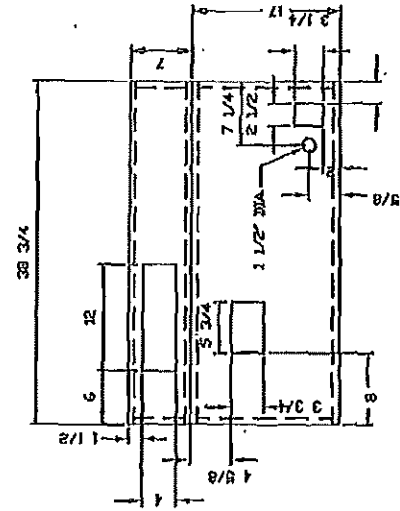
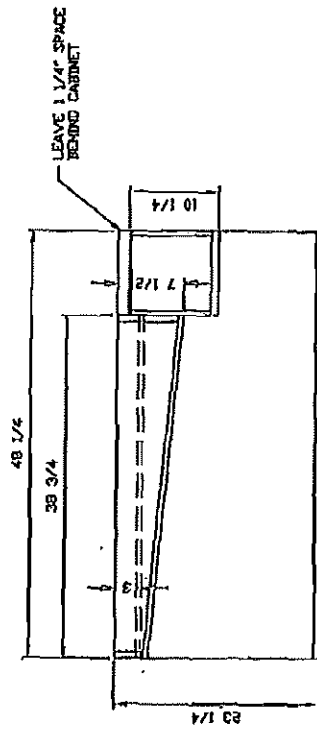
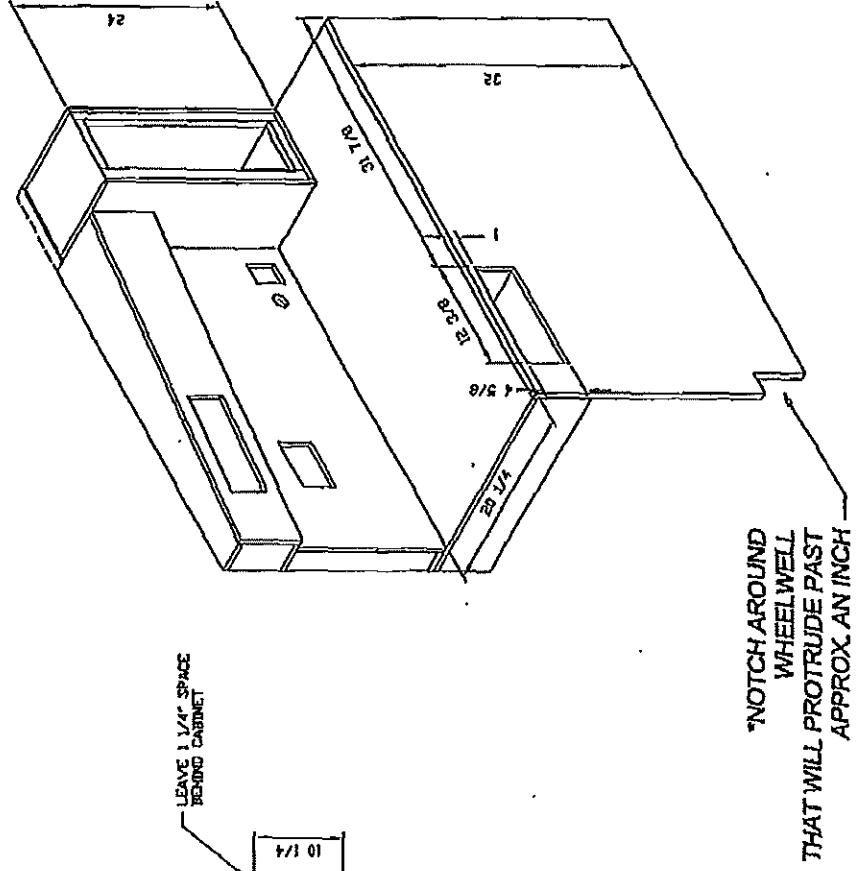
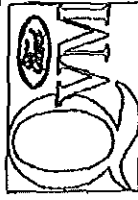


NOT APPROVED: _____

DO NOT RADIUS VERTICAL EDGE OF ALS CABINET

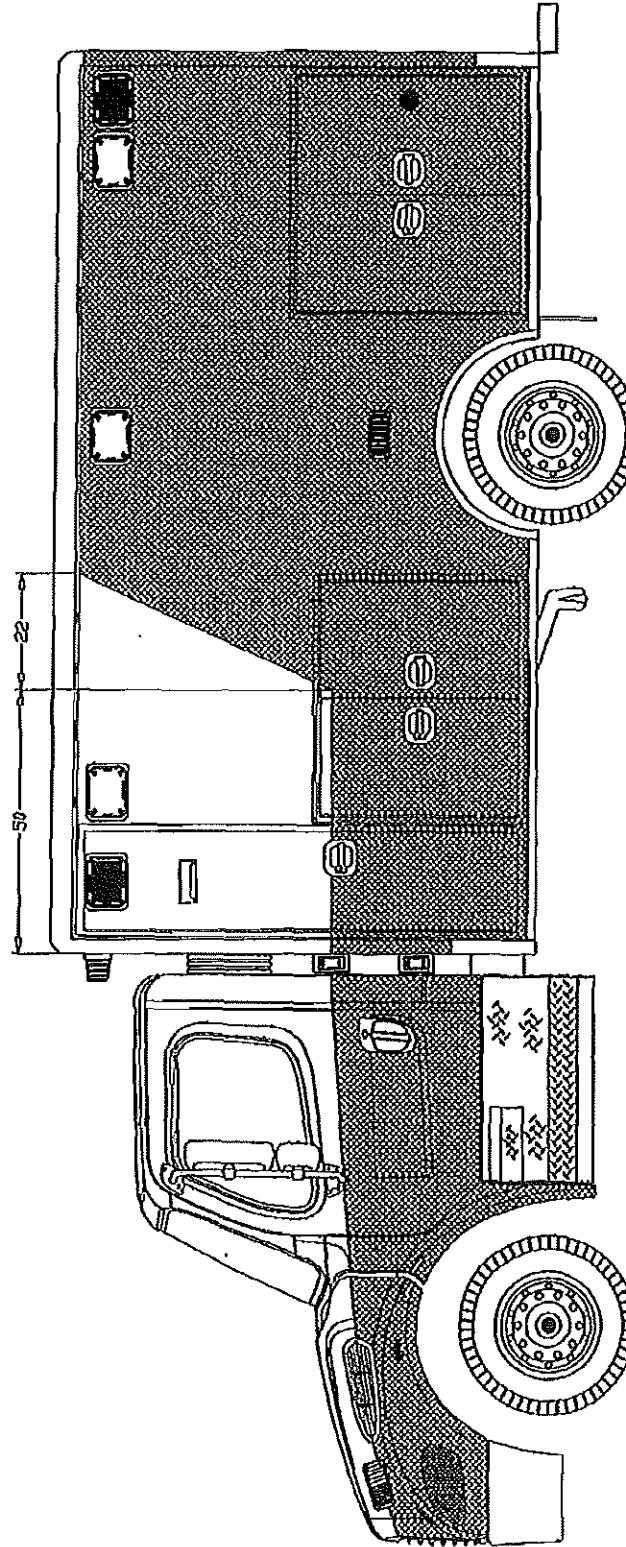


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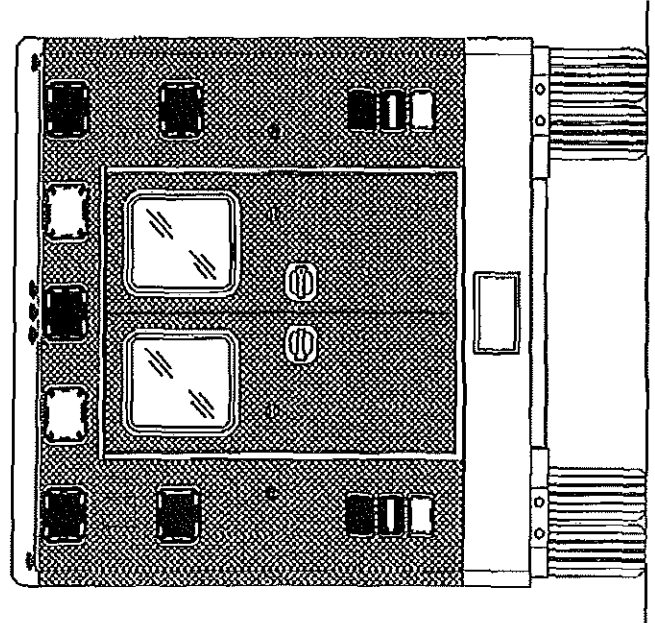
APPROVED: _____ NOT APPROVED: _____



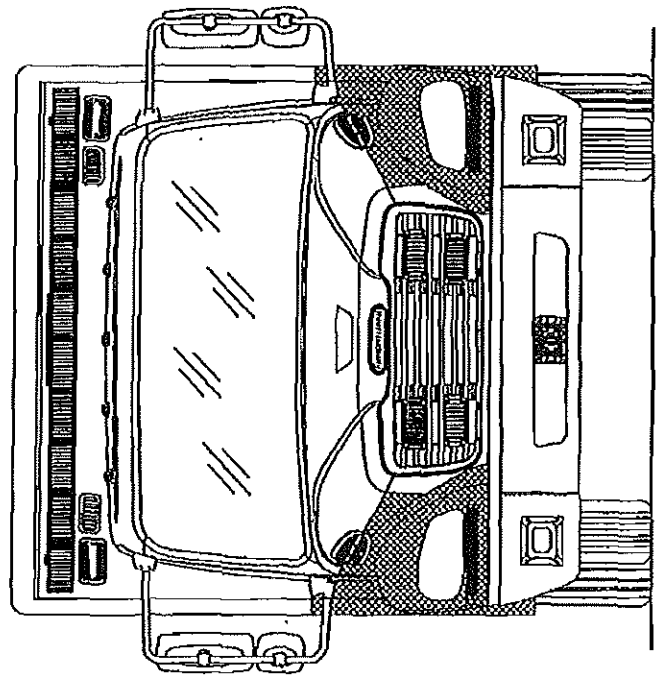
PAINT BOTTOM HALF OF CHASSIS AND MODULE RED PPG# FBCH911072
PAINT WHITE ON MODULE PPG# FBCH911002



NOT APPROVED: _____



APPROVED: _____



ITB 6130-01
Appendix 2

Jackson County Emergency Services

Medium Duty Chassis Specification

For ambulance type I



2017

It is the intent of these specifications, and all requirements listed herein, to obtain bids on vehicles to meet the needs of Jackson County EMS, and to obtain bids that may be easily, and completely evaluate on an equal and competitive basis.

Because of the wide variances in types, configurations, options and models available in the industry, the purpose of these specifications is to set a standard by which all proposals received may be evaluated, studied and compared equitably. Vendors are required to return one (1) copy of these specifications, correctly and completely furnishing all information requested and answering all questions attached. IN ORDER FOR YOUR BID TO BE ACCEPTED, VENDORS SHALL REQUIRED TO SUBMIT EXACT CAD DRAWINGS OF THE UNIT OFFERED. NO STOCK DRAWINGS WILL BE ACCEPTED. Any requested data literature, drawings, etc and detailed written lists of exceptions taken must also be enclosed. Any questions for clarifications, etc. should be directed in writing to Jackson County EMS, and responses will be furnished in writing to all prospective vendors.

All bid prices and conditions must be specified on the Bid Proposal returned. Bid prices shall be valid for a period of 60 days from the date of the bid closing.

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

Vehicle Use Disclosure of proposed Vehicle:

The vehicle proposed and described herein shall be used as an Emergency Medical Response Vehicle commonly referred to as an Ambulance. It is the manufacturer's responsibility to ensure all required testing and certifications have been met or exceeded in accordance with state and federal laws.

Delivery of chassis

Chassis will be delivered directly to an ambulance body manufacturer determined at a later date. Delivery date is required to be no longer than 60 days after bid contract is awarded.

Technical requirements

2016 model year Chassis designed and built for on pavement in transit use with an expected gross vehicle weight of 25,000 lbs. It shall be a design of solid, straight frame with contemporary cab location and configuration, single rear axle, and certified for Rescue and Emergency Services use.

Expected front axle load: 10, 000lbs

Expected rear axle load: 15,000 lbs

DRIVETRAIN

Engine requirement: Inline Diesel rated at 300hp, 600 ft lbs torque at 2600rpm GOV 75mph and driver controlled exhaust brake

Transmission requirement: Allison 2500 EVS auto 5 speed

Onboard diagnostic connection points for Engine and Transmission diagnoses

FRONT AXLE

10,000 lbs rated

Taper leaf design front suspension with maintenance free design bushings

REAR AXLE

15,000 lbs. rated

>4.30 gear ratio

Driver controlled traction device

BRAKES

Standard single systems drum style air brakes with dual ping tanks. No electric /hydraulic or combination will be considered

SUSPENSION

Front : Standard taper leaf style front with 10,000 lbs capacity, standard duty shock absorbers and sway bar

Rear : Dual airbag design with electric dump override option, dual instant response suspension leveling valves, and sway bar

ELECTRICAL SYSTEM

12 Volt negative ground with interface connection for body builder.

Minimum 300 amp alternator

Four 12 volt, heavy duty, maintenance free truck batteries mounted on street side frame rail behind cab on RH side

Body builder harness for electrical system access

CAB EXTERIOR

Single piece fiberglass hood, front hinged and forward opening

Chrome grill and bumper package

Chrome, round, dual air horns with one each mounted on opposite sides of hood

Dual west coast style mirrors with electrical adjustment and heated surfaces

Left and Right side exterior chrome grab handles for cab entry

42gal fuel tank with mounted underneath driver door

7.5gal DEF tank mounted driver side aft fuel tank

CAB INTERIOR

HVAC, heat, and defrost with dash mounted control

Electric windows and locks

Adjustable and telescoping steering wheel

Grey interior

Interior driver and passenger grab handles for entry and exit

Driver and passenger interior sun visor

Four position keyless ignition switch

Primary and secondary air pressure gauges

Single valve dash mounted parking brake

Driver and passenger Sears Atlas series 70 Air ride adjustable seats with inboard and outboard arm rest and grey Cordura cloth covers

TIRE AND WHEEL

Six (6) polished aluminum Alcoa size 19.5x7.5 wheels mounted

One (1) polished aluminum Alcoa size 19.5x7.5 spare

Michelin model XZE 245/70/r19.5 16 ply radial including spare

PAINT

Standard base coat / clear coat

Custom Two tone White base coat with Candy Apple Red over coat

Standard gloss black frame and axle

Prepared for:
 Len Bernal
 Jackson County Emergency
 Services
 86 Gordon St PO Box 445
 Jefferson, GA 30549
 Phone: 706-367-6309

S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-09M	M2 PRL-09M (EFF:08/05/2014)			STD
Data Version				
DRL-013	SPECPRO21 DATA RELEASE VER 013			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,775	3,535	
004-216	2017 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			N/C
A85-008	RESCUE AND EMERGENCY SERVICE			N/C
A84-1EV	EMERGENCY VEHICLES BUSINESS SEGMENT			N/C
AA4-011	FIXED LOAD COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 10000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 15000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 25000.0 lbs			
Truck Service				
AA3-024	AMBULANCE BODY			N/C



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Data Code	Description	Weight Front	Weight Rear	Retail Price
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-2N7	CUM ISB 6.7-300 300 HP @ 2600 RPM, 2600 GOV, 600 LB/FT @ 1600 RPM			
Electronic Parameters				
* 79A-082	82 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM			N/C
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
79P-003	PTO RPM WITH CRUISE SET SWITCH - 800 RPM			N/C
79Q-002	PTO RPM WITH CRUISE RESUME SWITCH - 700 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-013	2013 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14			STD
99D-012	2008 CARB EMISSION CERTIFICATION - EXEMPTED VEHICLE; NO CLEAN IDLE LABEL REQUIRED			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
133-004	ONE PIECE VALVE COVER			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1E7	DR 12V 275 AMP 40-SI BRUSHLESS PAD ALTERNATOR WITH REMOTE BATTERY VOLTAGE SENSE	10		
292-072	(4) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 4400 CCA THREADED STUD BATTERIES	80	40	
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-042	LH BATTERY BOX MOUNTED AS FAR AFT AS POSSIBLE, NO GREATER THAN 60 INCHES BACK OF CAB			

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Data Code	Description	Weight Front	Weight Rear	Retail Price
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-039	GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING			N/C
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20		
016-1DD	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES	15	15	
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH			
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-027	LH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES	20	20	N/C
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK			
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH			STD
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED			
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-078	950 SQUARE INCH ALUMINUM RADIATOR			STD
103-004	ANTIFREEZE TO -34F, NOAT EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			
134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH			

Transmission

342-1MP	ALLISON 2100 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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Transmission Equipment

343-301	ALLISON VOCATIONAL PACKAGE 354 - AVAILABLE ON 1000/2000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, EVS, HS, MH, PTS AND SPS	STD
84B-003	ALLISON VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES	N/C
84C-003	PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY	STD
353-027	VEHICLE INTERFACE WIRING AND PDM WITH BODY BUILDER CONNECTOR AT END OF FRAME, NO BLUNT CUTS	
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED	
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN	STD
345-072	DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITHOUT PARK BRAKE POSITION	STD
97G-006	TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY	STD
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK	STD
346-001	TRANSMISSION OIL CHECK AND FILL	STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD
Front Axle and Equipment				
* 400-094	MFS-10-143A 10,000# FF1 SINGLE FRONT AXLE	60		*****
402-021	MERITOR 15XS Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	20		
403-026	FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT LINING			N/C
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS			STD
408-004	CR STEEL VENTED FRONT HUB CAPS WITH WINDOW AND CENTER PLUG - OIL			-----
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			
Front Suspension				
620-062	10,000# TAPERLEAF FRONT SUSPENSION			
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
629-004	FRONT SWAYBAR	60		
410-001	FRONT SHOCK ABSORBERS			STD
Rear Axle and Equipment				
* 420-1M3	MS-17-14X 17,500# R-SERIES QUIET RIDE SINGLE REAR AXLE		-30	
421-433	4.33 REAR AXLE RATIO			
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			
366-079	MXL 16T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-10	-10	
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20	
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE			N/C

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Data Code	Description	Weight Front	Weight Rear	Retail Price
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH			N/C
423-028	MERITOR 15X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		-10	
433-025	FIRE AND EMERGENCY SEVERE SERVICE NON- ASBESTOS REAR BRAKE LINING			
434-005	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) WITH AUXILIARY SUPPORT BRACKETS			STD
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-006	REAR OIL SEALS			N/C
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-039	MERITOR HANDED AUTOMATIC REAR SLACK ADJUSTERS			N/C
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE			
Rear Suspension				
622-1CY	AIRLINER 15,000# REAR SUSPENSION		-40	
621-046	AIRLINER MID POSITION RIDE HEIGHT			N/C
431-001	STANDARD U-BOLT PAD			STD
886-057	IGNITION CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSPENSION WITH AIR AUTOFILL OVERRIDE VALVE AND AIR GAUGE			
87D-004	REAR AIR SUSPENSION DUMP SWITCH WITH AUTOFILL WHEN SPEED >5 MPH OR IGNITION OFF WITH MANUAL IGNITION OVERRIDE VALVE			N/C
910-009	DUAL INSTANT RESPONSE REAR SUSPENSION LEVELING VALVES WITH PING TANK AND RESERVE TANK FOR 10/12/15,000# AIRLINER	20	40	
623-002	TRANSVERSE CONTROL RODS			STD
630-006	10,000/15,000# AIRLINER REAR SUSPENSION STABILIZER BAR		50	
439-004	REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION)			STD
Brake System				
018-002	AIR BRAKE PACKAGE			STD
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD

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 66 Gordon St PO Box 445
 Jefferson, GA 30549
 Phone: 706-367-6309

Data Code	Description	Weight Front	Weight Rear	Retail Price
412-001	STANDARD BRAKE SYSTEM VALVES			STD
460-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20		N/C
479-012	AIR DRYER MOUNTED UNDER HOOD			N/C
460-001	STEEL AIR BRAKE RESERVOIRS			STD
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD			
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-427	4275MM (168 INCH) WHEELBASE			N/C
546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	-40	130	
552-039	1825MM (72 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 102.45 in			
AE6-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 99.45 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 269.39			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 102.45 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 77.98 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 115.66 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD

Prepared for:
 Len Bernat
 Jackson County Emergency
 Services
 86 Gordon St PO Box 445
 Jefferson, GA 30549
 Phone: 706-367-6309

Data Code	Description	Weight Front	Weight Rear	Retail Price
Chassis Equipment				
556-1AR	THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS	30		
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15		
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
605-003	LEVEL FRAME RAILS (+/- 1%) WHEN CHASSIS IS LOADED TO FRONT AND REAR SUSPENSION RATINGS			
Fuel Tanks				
204-206	42 GALLON/159 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	10		
218-005	RECTANGULAR FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-077	ALLIANCE FUEL FILTER/WATER SEPARATOR WITH HEATED BOWL AND PRIMER PUMP			
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
Tires				
* 093-0E5	MICHELIN XZE 245/70R19.5 16 PLY RADIAL FRONT TIRES	-82		
	(MICHELIN XZE 245/70R19.5 16 PLY RADIAL FRONT TIRES)NEED XZE 245/70R19.5			
094-0E5	MICHELIN XZE 245/70R19.5 16 PLY RADIAL REAR TIRES		-164	
510-0E5	MICHELIN XZE 245/70R19.5 16 PLY RADIAL SPARE TIRE		72	
Hubs				
418-056	CONMET PRESET PLUS IRON FRONT HUBS			STD
450-056	CONMET PRESET PLUS IRON REAR HUBS			STD
Wheels				

Prepared for:
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 Jackson County Emergency
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Data Code	Description	Weight Front	Weight Rear	Retail Price
502-1E5	ALCOA 77362X 19.5X7.50 10-HUB PILOT 5.23 INSET ALUMINUM DISC FRONT WHEELS	-80		
505-1E5	ALCOA 77362X 19.5X7.50 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-160	
524-001	POLISHED FRONT WHEELS; OUTSIDE ONLY			
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY			
* 511-1E5	ALCOA 77362X 19.5X7.50 10-HUB PILOT ALUMINUM DISC SPARE WHEEL			
* 52L-001	POLISHED OUTSIDE STEER AXLE SPARE WHEEL			
496-011	FRONT WHEEL MOUNTING NUTS			STD
497-011	REAR WHEEL MOUNTING NUTS			STD
Cab Exterior				
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STN
650-009	RUBBER CAB MOUNTS			
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			
678-018	LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT			
646-023	HOOD MOUNTED CHROMED PLASTIC GRILLE			
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			
644-004	FIBERGLASS HOOD			STD
690-007	HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION			
727-1B1	DUAL 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS WITH DUAL LANYARDS	8		
726-002	DUAL ELECTRIC HORNS			
728-002	DUAL HORN SHIELDS			N/C
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-038	INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL			N/C
302-001	(5) AMBER MARKER LIGHTS			STD
311-001	DAYTIME RUNNING LIGHTS			
294-046	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME		-5	
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD

Prepared for:
 Len Bernal
 Jackson County Emergency
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 86 Gordon St PO Box 445
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Data Code	Description	Weight Front	Weight Rear	Retail Price
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4		
663-013	TINTED WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			N/C
706-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			
708-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			
772-006	BLACK MATS WITH SINGLE INSULATION			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
860-004	SMART SWITCH EXPANSION MODULE			
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD

Prepared for:
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Data Code	Description	Weight Front	Weight Rear	Retail Price
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			
655-005	LH AND RH ELECTRIC DOOR LOCKS			
284-045	(2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH			
* 756-1DH	SEARS ATLAS 70 SERIES HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR AND INTEGRATED CUSHION EXTENSION AND TILT			
* 760-1DH	SEARS ATLAS 70 SERIES HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 1 CHAMBER AIR LUMBAR AND INTEGRATED CUSHION EXTENSION AND TILT			
759-006	DUAL DRIVER SEAT ARMRESTS AND INBOARD PASSENGER SEAT ARMREST	6		
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-025	GRAY MORDURA CLOTH DRIVER SEAT COVER			
* 761-025	GRAY MORDURA CLOTH PASSENGER SEAT COVER			
763-032	3 POINT FIXED D-RING RETRACTOR DRIVER AND PASSENGER SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE LIGHT AND BUZZER			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
195-006	ENGINE COMPARTMENT MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS, WITH WARNING LIGHT IN DASH			
721-003	PRECO 1040 87 DB TO 112 DB AUTOMATIC SELF-ADJUSTING BACKUP ALARM		3	
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD

Prepared for:
 Len Bemat
 Jackson County Emergency
 Services
 86 Gordon St PO Box 445
 Jefferson, GA 30549
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Data Code	Description	Weight Front	Weight Rear	Retail Price
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-011	ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3			STD
160-025	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE			STD
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			N/C
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			
746-019	CUSTOMER FURNISHED DIN RADIO PACKAGE	5		
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2		N/C
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
264-032	(2) OVERHEAD MOUNTED LANYARD CONTROLS: (1) OFFICER AIR HORN AND (1) DRIVER AIR HORN			
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
27D-012	ALTERNATING FLASHING LOW BEAM HEADLAMPS WITH DASH SWITCH, WITH PARK BRAKE RELEASED			
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD

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 Len Bernat
 Jackson County Emergency
 Services
 86 Gordon St PO Box 445
 Jefferson, GA 30549
 Phone: 706-367-6309

Data Code	Description	Weight Front	Weight Rear	Retail Price
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD

Design

005-002	TWO COLOR CUSTOM PAINT			
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Color

980-5F8	CAB COLOR A: L0006E8 WHITE ELITE BC	STD
981-5AM	CAB COLOR B: L0235E8 CANDY APPLE RED ELITE BC	N/C
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	STD

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS	STD
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Secondary Factory Options

998-001	CORPORATE PDI CENTER IN-SERVICE ONLY	N/C
999-014	DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE	N/C

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Adjusted List Price

Adjusted List Price **

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight*	5962 lbs	3596 lbs	9558 lbs

Prepared for:
Len Bernat
Jackson County Emergency
Services
86 Gordon St PO Box 445
Jefferson, GA 30549
Phone: 706-367-6309

Total Weight⁺

5962 lbs

3596 lbs

9558 lbs

**ITEMS NOT INCLUDED IN ADJUSTED LIST
PRICE**

Other Factory Charges

P73-2FT STANDARD DESTINATION CHARGE

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

ITB 6130-01
Appendix 3



Jackson County Purchasing
67 Athens Street
Jefferson, Georgia 30549
Fax: 706-367-1505

Print Form

Submit by Email

Please complete the Vendor Master Form that will be compiled by the Purchasing Department to create a Bidder's List. By completing this form, your company will be added to the Jackson County Purchasing Vendor Master List.

VENDOR MASTER INFORMATION (Please check the box that applies)

VENDOR # _____ (Assigned)

Individual	Sole Proprietorship	Corporation	Partnership	Public Entity

VENDOR STATUS (Please check)

Principal Line of Business

Add	Active	Inactive	Change	Delete

--

VENDOR ORDER ADDRESS

Name		Phone number	()
Address		Fax number	()
		DBE/WBE (Disadvantage Business Enterprise/Women Business Enterprise)	Yes _____ No _____
City		Contact person/Title	
State		1099 Vendor	Yes _____ No _____ If marked Yes, Certificate of Insurance and Workmans Compensation Form shall be required to be presented to Purchasing before work commences.
		W9 Completed	Yes _____ No _____ W9 shall be completed if 1099 Box is checked and return to Purchasing
Zip Code			
Federal ID #		Social Security #	
E-Mail Address		Web site address	

REMITTANCE ADDRESS (If different from order address)

Name		Phone number	()
Address		Fax number	()
		Contact person/Title	
City			
State		E-Mail Address	
Zip Code		Web site address	

PURCHASING AUTHORIZATION ONLY (For questions, please call Beth White, Purchasing @ 706-367-6309 or email: bwhite@jacksoncountygov.com)

Dept/Div that will use vendor		Date entered by Purchasing	
Commodity Code		Entered by:	

Accounts Payable Certification

As a vendor doing business with the Jackson County Government, I understand that all invoices are to be sent to the following address:

Jackson County Board of Commissioners
Attention: Accounts Payable
67 Athens Street
Jefferson, GA 30549

Failure to send your invoice to this address may result in the invoice not being processed in a timely manner. However, no late fees will be paid if your invoice was not sent in compliance with these instructions.

Name Business: _____

Signature: _____

Print Name/Title: _____

Phone Number: _____

Date: _____

Request for Taxpayer Identification Number and Certification

Give form to the
requestor. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)

Business name, if different from above

Check appropriate box: ☐ Individual/Sole proprietor ☐ Corporation ☐ Partnership
☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶
☐ Other (see instructions) ▶

☐ Exempt
payee

Address (number, street, and apt. or suite no.)

Requester's name and address (optional)

Jackson County BOC

City, state, and ZIP code

67 Athens Street

Jefferson, GA. 30549

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

or

Employer identification number

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign
Here

Signature of
U.S. person ▶

Date ▶

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,



JACKSON COUNTY FINANCE DEPARTMENT

67 Athens Street
Jefferson, Georgia 30549-1401

PHONE: (706) 367-6313 FAX: (706) 367-1505

Trey Wood
DIRECTOR

December 16, 2015

To All Vendors

Dear Vendor:

The Jackson County Board of Commissioners is incorporating EFT (Electronic Fund Transfers) as a form of payment to our vendors. The EFT will be available at this time only for vendors with commercial bank accounts. Attached is the form that needs to be filled out in order to set up your company for EFT payments. Please note the bottom part of the form needs to be completed by your bank because some banks have different routing and transit numbers for ACH transactions. Having the bank complete this portion of the form will ensure the right information is being set up in our Financial Software. Before any payment gets processed through EFT, a pre-note will be sent to your bank. This normally shows a \$0.00 transaction on your account. If everything goes well with the pre-note, then we will start issuing EFT payments to your company. Each EFT vendor will receive an EFT Advice each time a payment gets issued. Once the form is filled out, you can e-mail it to lbernat@jacksoncountygov.com or fax it to my attention at (706) 367-1505.

Also for your convenience, the County created an e-mail account where all County invoices may be sent. This will help to expedite our Accounts Payable process, reduce your mailing costs, and minimize the chance of invoices being lost in the mail. The invoices should be sent to: invoices@jacksoncountygov.com.

If you have any questions, feel free to contact me at (706) 367-6306.

Sincerely,

A handwritten signature in blue ink, appearing to be "Trey Wood", is written over a horizontal line.

Trey Wood
Finance Director, Jackson County

JACKSON COUNTY ACH ENROLLMENT FORM

I (WE) _____ hereby authorize the Jackson
(Name - Please print)

County Board of Commissioners, hereinafter called the COMPANY, to initiate credit entries and to initiate, if necessary, debit entries and adjustments for any credit entries in error to my (our) checking/savings account indicated below and the Financial Institution named below, to credit and/or debit the same to such account.

This authority is to remain in full force and effect until the COMPANY has received written notification from me (or either of us) of its termination in such time and in such manner as to afford the COMPANY and the Financial Institution a reasonable opportunity to act on it.

Vendor/Company Name _____

Signature _____

Title _____ Date _____

E-mail Address _____

*I plan to e-mail my invoices to invoices@jacksoncountygov.com Yes _____ No _____

*****TO BE COMPLETED BY FINANCIAL INSTITUTION*****

Financial Institution _____

Address _____

City _____ State _____ Zip _____

Routing and Transit Number _____

Account Number _____

Account Type: _____ Checking _____ Savings

_____ Personal Account _____ Commercial Account

Name of Bank Official _____ Telephone _____

Signature of Bank Official _____

Title _____ Date _____