

**ADVERTISEMENT
FOR THE USE AND BENEFIT OF
NESHOPA COUNTY, MISSISSIPPI
AND THE
NESHOPA COUNTY AMBULANCE ENTERPRISE**

The NESHOPA COUNTY BOARD OF SUPERVISORS will receive competitive Reverse Auction Bids to be submitted electronically via the Neshoba County website at www.neshobacounty.net with said Reverse Auction occurring via invitation on a date and during a time to be specified from qualified vendors in response to this solicitation for acquiring the following equipment:

- a. Two (2) or more, new, 2026 chassis year model or newer, Type III, Class One (4 x 2), Configuration A ambulance(s) for the use and benefit of Neshoba County and the Neshoba County Ambulance Enterprise.

Detailed specifications for the above described equipment and bid forms may be obtained from the Neshoba County Board of Supervisors office at the Neshoba County Courthouse, 401 Beacon Street, Suite 201, Philadelphia, Mississippi 39350, by calling 601-656-6281 or on Neshoba County's website at www.neshobacounty.net. Neshoba County and/or the Neshoba County Ambulance Enterprise will determine if compliance with the specifications exist before accepting any bid.

INSTRUCTIONS TO BIDDERS:

All responses to the solicitation for said ambulance shall be returned, with detailed proposals included therewith, less the fixed price amount to be bid, in a single PDF document, and submitted electronically at www.neshobacounty.net under the correct bid solicitation, by 12:00 PM, local time, on Wednesday, December 17, 2025 or alternatively the detailed proposal should be placed in a sealed envelope marked "2025 Ambulance Bid" along with the date and time of said proposal opening, and filed with the Neshoba County Board of Supervisors C/O Chancery Clerk Gidget Tate, 401 Beacon Street, Suite 107, Philadelphia, Mississippi 39350 by the same date and time.

It shall be incumbent upon each bidder to understand the specifications as listed herein and to obtain clarification when necessary. It is not the intent of these specifications to limit the bidding to any particular make or manufacturer of equipment or provider of services, but rather to select such emergency equipment or services to provide for specific needs and specific tasks. Any reference to name-brand materials or equipment is intended to establish the minimum necessary standards only and bids submitted on materials and equipment equal there to, at the sole discretion and determination of Neshoba County, shall be considered.

Published by Order of the Board of Supervisors of Neshoba County, Mississippi on the 20th day of October 2025.

/s/ GIDGET TATE
GIDGET TATE, CLERK
BOARD OF SUPERVISORS
NESHOPA COUNTY, MISSISSIPPI

Publication dates: November 26th and December 3, 2025

Request for Proposals

Two (2) or more, new, 2026 chassis year model or newer, Type III,
Class One (4 x 2), Configuration A ambulance(s)

for the

Neshoba County Ambulance Enterprise

Neshoba County Board of Supervisors
Neshoba County, Mississippi

October 20, 2025

Proposals / Response to Specifications Due
Wednesday, December 17, 2025 – 12:00 PM

Reverse Auction for Ambulance to be Acquired
To Be Determined
By Invitation Only Based Upon Pre-Qualification of
Specifications Submitted

INVITATION TO SUBMIT COMPETITIVE REVERSE AUCTION BIDS

The Neshoba County Board of Supervisors on behalf of Neshoba County, Mississippi and the Neshoba County Ambulance Enterprise is soliciting competitive, reverse auction bids from qualified vendors for the purchase of Two (2) or more, new, 2026 chassis model year or newer, Type III, Class One (4 x 2), Configuration A ambulance(s) for the use and benefit of Neshoba County, Mississippi and the Neshoba County Ambulance Enterprise. The ambulances to be bid shall be furnished with all necessary and specified emergency equipment as listed herein. Neshoba County reserves the right to reject any and/or all bids. Neshoba County also reserves the right to accept the best and lowest bid that is most advantageous to the Neshoba County Ambulance Enterprise.

The attached specification defines a heavy-duty, commercial emergency medical vehicle, built to withstand adverse driving conditions. The vehicle shall meet or exceed the latest revision to federal specification KKK-A-1822, Federal Motor Vehicle Safety Standards (FMVSS), National Truck Equipment Association (NTEA) Ambulance Manufacturer's Division (AMD) standards and Ford Qualified Vehicle Modifier (QVM) Program Truck Guidelines.

Proposing Vendors (potential Bidders / Suppliers) shall respond to this solicitation with a detailed proposal for the ambulance(s) being sought. The proposal provided for consideration shall include this specification with answers to all the specifications provided herein that shall be marked either yes or no and exceptions to the specification explained as per the instructions.

This invitation is extended to all qualified vendors/manufacturers that are specifically in the business of building emergency medical vehicles and/or equipment and who are not currently debarred from submitting bids.

For questions or clarifications of the specifications contained herein please contact Tina Savell, Director, Neshoba County Ambulance Enterprise, at 601-781-2270 or tsavell@neshobageneral.com.

SPECIFICATIONS FOR SOLICITATION

PARTY IDENTIFICATION:

AGENCY: "Agency" is hereinafter defined as the customer. The customer is an individual or a group of individuals whom represent the interest of Neshoba County and the Neshoba County Ambulance Enterprise and have been charged with the responsibility of purchasing one or more emergency medical vehicle(s).

Bidder Complies exactly as written Yes_____ No_____

BIDDER: "Bidder" is hereinafter defined as the vehicle manufacturer and/or its authorized representative. The bidder is an assigned representative who is authorized to commit to a contract with the "Agency".

Bidder Complies exactly as written Yes_____ No_____

VENDOR: "Vendor" is synonymous with "Bidder".

Bidder Complies exactly as written Yes_____ No_____

NOTICE TO BIDDERS: Bidders shall thoroughly examine any drawings, specifications, schedule, instructions and any other documents supplied as part of this invitation to bid.

Bidders shall make all investigations necessary to thoroughly inform themselves regarding the content of the written specifications, drawings and instructions supplied herein. No pleas of ignorance by the bidder pertaining to the content of the specifications, drawings, schedule or instructions will be considered by the agency once the deadline for bid submission has occurred. Failure or omission on the part of the bidder to make the necessary examinations and investigations into the content of the specifications shall not be accepted as a basis for making variations to the specifications. Failure or omission by the bidder to make all clarifications or explanations of exceptions and conditions that exist or that may exist hereafter shall NOT be accepted as a basis for making variations to the requirements of the agency or compensation to the bidder.

Bidder Complies exactly as written Yes_____ No_____

DEFINITIONS:

CLARIFICATIONS: Clarifications shall be written correspondence between the bidder, the agency and all other qualified bidders. A Clarification shall include the paragraph number, page number, the text with unclear content (as written in the specification) and the definition of the clarification requested. Clarifications shall be documented in writing and distributed to all other qualified bidders at least two business days prior to the deadline for bid specifications submission which is 12:00 PM on Monday, December 15, 2025.

Bidder Complies exactly as written Yes_____ No_____

EXPLANATION OF EXCEPTIONS: Bidders may take exceptions to any part of the bid contained herein with a written itemized schedule. The schedule shall include the paragraph number(s), the text that the bidder feels they can not comply with, an explanation why the bidder feels that the requirement is not in the best interest of the agency and/or an alternate bidder solution. Alternate bidder solutions may be considered by the agency, if the bidder can show the agency that the alternate solution is, in quality and quantity, equal to OR better than the specified item. This agency will share the exception/alternate solution with all other Qualified Bidders. Explanation of exceptions shall be documented in writing at least two business days prior to the deadline for bid submission. Bid proposals that do not comply with this prescribed method to take exceptions listed will be rejected without further consideration. No consideration will be given to a total exception bid.

Bidder Complies exactly as written Yes_____ No_____

CORE DESIGN INTENT: The core design intent of the specifications supplied herein is to purchase an ambulance with the highest level of engineering excellence. The "Core Design" intent of this vehicle shall be centered on the patient's need for pre-hospital care, in conjunction with a safe working environment for the Emergency Medical Personnel operating and utilizing said vehicle for providing same.

Bidder Complies exactly as written Yes_____ No_____

BID PACKAGES SHALL NOT TAKE TOTAL EXCEPTIONS: Bidders are required under this bid invitation to give, for the consideration of the agency, a proposal that will comply with the written specifications, drawings and schedules supplied herein. The specifications supplied represent a compilation of input from all disciplines of users, patients, maintenance and management personnel who are directly affected by the vehicle's performance.

Bidder Complies exactly as written Yes_____ No_____

Careful consideration pertaining to safety, configuration, construction, and workmanship are based on working experiences by all the personnel who have direct, working contact with the subject vehicle specified herein. The "core design" of this ambulance was created as a result of resolving issues and improvement suggestions that have originated from the personnel most **QUALIFIED** to make such input.

Bidder Complies exactly as written Yes_____ No_____

This agency makes no claim that **ALL** potential issues or improvements are included in the specifications supplied herein. This agency will consider any **VALID** concern by any bidder and will consider minor specification exceptions or alternates of equal or better performance, provided that the exception(s) are steered toward meeting the "Core design" intent **AND** the exception(s) are cleared up not less than two days prior to the specification response opening date.

Bidder Complies exactly as written Yes_____ No_____

Caution:

A bidder who submits a bid that takes "Total Exception" and makes an offering of some "Standard" or "Stock" unit will be viewed by the agency as a bidder who did not make, and is not prepared to make, a valid bid, and is not qualified to manufacture the ambulance as specified herein. Alternate bids will **NOT** be considered.

Bidder Complies exactly as written Yes_____ No_____

VEHICLE QUANTITY: THIS AGENCY is currently seeking to purchase two vehicles per the specifications set forth in this solicitation for bid. **THIS AGENCY AND/OR** other agencies that qualify to purchase under this contract will reserve the right to increase the number of vehicles to be purchased.

Bidder Complies exactly as written Yes_____ No_____

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. The Performance Bond, if requested, shall be included in the total bid price.

Bidder Complies exactly as written Yes_____ No_____

VENDOR QUALIFICATIONS:

FORD Pro Upfitter Program: All Bidders shall be members in good standing of the Ford Motor Company's Ford Pro Upfitter Program. Each bidder shall supply a copy of their valid Ford Pro Upfitter Program Certification with

their bid package. If for any reason the Certification has been withdrawn or suspended by Ford Motor Company within the past five years, the bidder shall supply a full written explanation as to why it was withdrawn. The written explanation shall include any corrective actions taken to regain the Certification.

Bidder Complies exactly as written Yes_____ No_____

It is not the intent of these specifications to call for an unusual or experimental vehicle(s). The primary manufacturer shall have a minimum of 10 years of uninterrupted manufacturing of similar or identical vehicles to the specifications set forth in this bid.

Bidder Complies exactly as written Yes_____ No_____

If requested by the purchaser, the primary manufacturer shall supply upon request a list of fifteen (15) agencies that have purchased similar or identical vehicles within the past year from date of bid. The list will have contact names and phone numbers.

Bidder Complies exactly as written Yes_____ No_____

PRODUCT INDEMNIFICATION AND INSURANCE: This agency seeks to mitigate future liability exposure; therefore, all primary manufacturers will submit their Certificate of Insurance for evaluation. This agency will only consider a primary manufacturer with a minimum of Ten Million United States Dollars (\$10,000,000.00 USD) that is based on a **PER INCIDENT** basis. This insurance shall be issued by a company rated "A" or better as reported in the current edition of Bests Key Rating Guide, published by Alfred M. Best Company, Inc. Aggregate liability coverage will not be considered regardless of amount. Failure to comply will be deemed non-responsive.

Bidder Complies exactly as written Yes_____ No_____

FAMILIARITY WITH LAWS: The primary manufacturer will 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 primary manufacturer is not acceptable.

Bidder Complies exactly as written Yes_____ No_____

NON-DISCRIMINATION AND EQUAL OPPORTUNITY: The Bidder/Contractor agrees to comply with all federal statutes relating to non-discrimination. These include but are not limited to:

- (a) Title VI of the civil rights act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin;
- (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex;
- (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990;
- (d) The Age Discrimination Act of 1974, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age;
- (e) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse;

- (f) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism;
- (g) 523 and 527 of the Public Health Service Act of 1912 (U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records;
- (h) Any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Agreement;
- (i) The requirements of any other nondiscrimination statute(s) which may apply to this agreement.

Bidder Complies exactly as written Yes_____ No_____

DRUG FREE WORK PLACE: The Bidder shall conduct business as a Drug Free Workplace. The Bidder/Manufacturer and ALL of its sub-contractors shall provide notice to their employees and sub-contractors as required under the Drug-Free Workplace Act of 1988. A copy of Bidder's Drug-Free Workplace Policy shall be furnished to this agency upon request.

Bidder Complies exactly as written Yes_____ No_____

QUALITY CONTROL MANAGER: The primary manufacturer shall employ full time a Quality Control Manager whose primary function is to monitor quality.

Bidder Complies exactly as written Yes_____ No_____

PRE-CONSTRUCTION CONFERENCE: The successful primary manufacturer shall be required to hold a pre-construction conference with representatives of this agency to finalize construction details. In the event it is deemed necessary by both parties that the conference be held at a location other than at this agency; the following shall occur. The primary manufacturer will provide adequate transportation, lodging, and meals for two (2) designated personnel from this agency. Further, if the location is in an excess of three hundred (300) miles from this agencies location, the transportation shall be by a commercial air carrier. Private or corporate aircraft may not be used.

Bidder Complies exactly as written Yes_____ No_____

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

Bidder Complies exactly as written Yes_____ No_____

NATIONAL TRUCK EQUIPMENT ASSOCIATION TESTING

SAE J3057 - AMBULANCE BODY STRUCTURE STATIC LOAD TEST: The ambulance described herein shall be type tested to SAE J3057 - Ambulance Body Structure Static Load Test except the test weight shall be a minimum of 55,000 pounds. The test shall be conducted by an independent testing laboratory. The module body bid herein shall contain extrusion shapes and general structural layout identical to the test body used in the test.

49 CFR 571.206 - BODY DOOR RETENTION COMPONENTS TEST: The ambulance described herein shall be type tested to the 49 CFR 571.206 - Body Door Retention Components Test. The test shall be conducted by

an independent testing laboratory. The module body bid herein shall contain identical door extrusion shapes, door skin configuration and general structural layout as the test body used in the test.

Safety is this Agency's first concern. Entry and compartment door integrity is crucial to the safety of the patient, public, passengers and crew. If the Bidder has experienced any of the following door conditions as a result of collision, roll over or other accidental impact, then the Bidder shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken.

- A) Any entry door rendered inoperative.
- B) Any door that has come open.
- C) Foreign object penetration into patient cabin through the body structure.

Catastrophic door failure during a collision indicates mechanical defects in the design, hardware and/or the direct construction of the modular door. Any 49 CFR 571.206 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

SAE J3043 and AMD 028-2019 - OXYGEN TANK RETENTION SYSTEM STATIC TEST: The ambulance described herein shall be type tested to SAE J3043 and AMD 028-2019 to ensure that the oxygen tank retention system maintains integrity of the equipment mounting device or system. The test shall be conducted by an independent testing laboratory.

Safety is this Agency's first concern. Main cylinder control is extremely important and is crucial to the safety of the patient, public, passengers and crew. If the Bidder has experienced a cylinder rack separation from the oxygen compartment wall, OR if the cylinder has come loose from the cylinder restraining device, then the Bidder shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future failures. Main Oxygen/Air Cylinders that come loose during a collision indicate mechanical defects in the design of the restraining device or the mounting method. Any SAE J3043 and AMD 028-2019 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

AMD 004 - LITTER RETENTION SYSTEM STATIC TEST: The cot/litter retention system described herein shall be tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 004 - Litter Retention System Static Test. The cot mount hardware, mounting method and floor reinforcement areas shall exceed the test as described in AMD 004. This test shall be conducted by an independent testing laboratory.

Safety is this Agency's first concern. Main cot/litter retention is critical to patient care. If the Bidder has experienced a litter ejection due to a hardware defect or a defect in the mounting method, then the Bidder shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future ejections. Main Cot/Litter ejection's that occur during a collision indicates mechanical defects in the design of the restraining device or the mounting method; Therefore ALL Bidder AMD Standard 004 testing dated prior to the incident is deemed invalid, regardless of the expiration date of the original test.

AMD 005 - 12-VOLT DC ELECTRICAL SYSTEMS TEST: The 12-Volt DC Electrical System described herein shall be tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 005 - 12-Volt DC Electrical Systems Test. This test is valid for the test article vehicle ONLY. The test shall be conducted on EACH ambulance. The results of the test shall be recorded on an electrical system performance sheet and shall be included with the delivery documents. This test shall be conducted by a qualified quality control electrician at the ambulance manufacturing plant.

Reliability and Safety is this Agency's first concern. The 12-volt electrical system must be functional under all normal or adverse driving and operating conditions. Each electrical device, electrical component, wire, wire route and connection quality shall be tested for reliability as a "SYSTEM" on each vehicle sold. If the Bidder has experienced an electrical fire or an electrical failure resulting in a disabled ambulance going to an emergency call or during transportation, shall supply the Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future electrical failures.

AMD 006 - PATIENT COMPARTMENT SOUND LEVEL TEST: The ambulance described herein shall meet or exceed the National Truck Equipment Association Ambulance Manufacturing Division Standard 006 - Patient Compartment Sound Level Test. The sound level in the driver or patient cabin shall be eighty decibels or less under the conditions described in AMD Standard 006.

AMD 007 - PATIENT COMPARTMENT CARBON MONOXIDE LEVEL TEST: The ambulance described herein shall meet or exceed the National Truck Equipment Association, Ambulance Manufacturing Division Standard 007 - Patient Compartment Carbon Monoxide Level Test. The patient and driver cabin shall be environmentally sealed from carbon monoxide gases that are emitted from internal combustion engines. The ambulance specified herein shall have safe carbon monoxide levels of ten parts per million or less while the vehicle is exposed to the conditions described in AMD Standard 007.

AMD 008 - PATIENT COMPARTMENT HANDRAIL STATIC LOAD TEST: The patient cabin hand rails shall be tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 008 - Patient Compartment Handrail Static Load Test. The ceiling mounted handrails shall be subject to a three axis load of three hundred pounds.

The ceiling mounted handrails shall not come loose from the ceiling or permanently deform. All mounting fasteners shall be threaded into metal structure not less than .125 inches thick.

AMD 009 - 125-VOLT AC ELECTRICAL SYSTEMS TEST: The patient cabin shall be wired per the National Truck Equipment Association, Ambulance Manufacturing Division Standard 009 - 125 -Volt AC Electrical Systems Test. The ambulance wiring shall comply with the National Electric Code in effect at the time of manufacture of the ambulance. The system specified herein shall be a 2-wire system with a ground. All outlets and 120-volt hard wired devices, on the ambulance, shall have ground fault interrupter protection.

AMD 010 - WATER LEAK TEST: The ambulance specified herein shall be water spray tested for water leakage into the patient's and driver's cabins. The door to jamb seal, window installation and seals shall be tested against leakage per the National Truck Equipment Association, Ambulance Manufacturing Division Standard 010 - Water Leak Test. This test shall be conducted on EACH ambulance by the quality assurance department.

AMD 011 - EQUIPMENT TEMPERATURE TEST: The ambulance and equipment specified herein shall operate satisfactorily between 32 degrees and 95 degrees Fahrenheit per the National Truck Equipment Association, Ambulance Manufacturing Division Standard 011 - Equipment Temperature Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 012 - INTERIOR CLIMATE CONTROL TEST: The ambulance and equipment specified herein shall be equipped with a HVAC (Heating, Ventilation, and Air Conditioning) System that will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division

Standard 012 - Interior Climate Control Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 013 - WEIGHT DISTRIBUTION MEASUREMENTS: The ambulance specified herein shall be weighed at the end of the ambulance manufacturer's production cycle to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 013 - Weight Distribution Measurements.

The vehicle specified herein must be weighed on a four-point scale that measures the weight imposed on EACH wheel. The side-to-side weight difference tolerance shall not exceed five percent (5%).

The total weight imposed on the FRONT axle shall not exceed the chassis manufacturer's gross axle weight rating minus three hundred pounds.

The total weight imposed on the REAR axle shall not exceed the chassis manufacturer's gross axle weight rating minus one thousand pounds.

The aggregate total of all four points shall not exceed the gross vehicle weight rating minus eleven hundred pounds regardless of customer specified equipment.

AMD 014 - ENGINE COOLING SYSTEM TEST: The cooling system in the ambulance specified herein shall be tested to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 014 - Engine Cooling System Test. The vehicle specified herein must be tested at the end of the ambulance manufacturers manufacturing cycle to determine if the cooling system capacity is adequate to maintain safe engine operating temperature at ninety-five degrees, ambient temperature for one hour. EACH ambulance shall be checked to assure a leak and trouble-free cooling system performance.

AMD 015 - AMBULANCE MAIN MEDICAL GAS SYSTEM TEST: Each ambulance's main Oxygen System shall be tested to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 015 - Ambulance Main Medical Gas System Test. The subject vehicle specified herein must be equipped with an Oxygen system that can withstand a 150 PSI charge of dry air or Nitrogen for a period of four hours without a loss exceeding five pounds per square inch of pressure. The results of this test shall be posted inside the oxygen tank stowage compartment. A certificate shall be supplied, describing the test conditions, the initial test pressure, the final pressure (after four hours) and the name of the inspector who performed the test.

AMD 016 - PATIENT COMPARTMENT LIGHTING LEVEL TEST: The ambulance and equipment specified herein shall be equipped with patient compartment lighting that will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division Standard 016 - Patient Compartment Lighting Level Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 017 - ROAD TEST: The ambulance and equipment specified herein will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division Standard 017 - Road Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 018 - REAR STEPPING SURFACE STATIC LOAD TEST: The rear step and bumper shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 018 - Rear Stepping

Surface Static Load Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 019 - CABINETS AND COMPARTMENTS MEASUREMENTS: The ambulance specified herein shall be in compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 019 – Cabinets and Compartments Measurements.

AMD 020 - FLOOR DISTRIBUTED LOAD TEST: The ambulance specified herein shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 020 - Floor Distributed Load Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 021 - ASPIRATOR SYSTEM TEST, PRIMARY PATIENT: Each ambulance's primary patient aspirator system shall be tested to assure compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 021 - Aspirator System Test, Primary Patient.

AMD 022 - COLD ENGINE START TEST: The ambulance specified herein shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 022 - Cold Engine Start Test.

AMD 023 - SIREN PERFORMANCE TEST: The ambulance siren system shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 023 - Siren Performance Test.

AMD 024 - PERIMETER ILLUMINATION TEST: The ambulance and equipment specified herein shall be equipped with perimeter lighting that will meet or exceed the performance criteria set forth in the National Truck Equipment Association, Ambulance Manufacturing Division Standard 024 - Perimeter Illumination Test. This standard must be type certified by an independent testing laboratory on a like test model.

AMD 025 - OCCUPANT HEAD CLEARANCE ZONES: The ambulance specified herein shall be in compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 025 - Occupant Head Clearance Zones Test.

AMD 026 – AMBULANCE EMERGENCY LIGHTING SYSTEM CONFIGURATION: The ambulance specified herein shall be in compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 026 – Ambulance Emergency Lighting System Configuration.

AMD 028 – VERTICAL COMPONENT RETENTION STATIC TEST: The ambulance specified herein shall be in compliance with the National Truck Equipment Association, Ambulance Manufacturing Division Standard 028 – Vertical Component Retention Static Test.

Bidder Complies exactly as written with all NTEA specifications Yes_____ No_____

CRASHWORTHINESS; Safety is a primary objective for modular ambulance vehicles produced under this specification. In addition to compliance with design criteria incorporated herein, manufacturer shall also provide certified documentation to provide proof of crash worthiness of vehicle(s) proposed.

Bidder Complies exactly as written Yes_____ No_____

Crash worthiness of vehicle shall be demonstrated through a minimum of two actual crash tests of modular body ambulance under laboratory conditions. These crash tests will be similar in scope to testing performed by the National Highway Traffic Safety Administration and the Insurance Institute for Automobile Safety to verify the crash worthiness of passenger vehicles. An independent test laboratory accepted and utilized by the National Highway Traffic Safety Administration for their crash tests shall perform this testing and provide certification. Testing shall be performed and verified by SAE Member Engineers.

Bidder Complies exactly as written Yes_____ No_____

Test criteria shall be defined as a minimum of two actual high-speed impact crash tests between an ambulance and mid-size passenger vehicles. Collisions shall be into each side of manufacturer's standard production modular ambulance body mounted on a chassis, struck by an actual bullet vehicle. Crash energy at impact shall be a minimum of 3,000 pounds at 42 miles per hour.

Reports from crash testing shall be certified by testing lab, and shall include the following minimum results:

- 1) The required medic restraint system shall hold all attendants in their seats. There shall be no head contact with anything except head rests. There shall be no excessive excursion of the attendants in their seats regardless of which way they were facing.
- 2) The ambulance body structure shall remain intact after both impacts. Bending of body shall be localized to point of impact, and doors adjacent to the actual crash point shall continue to operate. There shall be no intrusion into the patient compartment.
- 3) The body mount and pucks shall remain intact as a result of the impacts. There shall be no visual damage to body mounts or floor structure.
- 4) All interior cabinetry and fixtures shall remain in place and undamaged.

This provision requires actual crash testing of an ambulance by high-speed moving vehicles to validate safety and crash worthiness. Crash simulations, acceleration testing, sled testing; barrier testing or other theoretical tests are not sufficient to meet this requirement.

Certified documentation from a qualified independent testing laboratory shall be provided with the bid proposal in order to validate compliance with this requirement.

Bidder Complies exactly as written Yes_____ No_____

QUALITY ASSURANCE: The vendor shall inspect and test all systems, electrical loads, per current Federal specification KKK-A-1822 Section 4. Testing results shall be documented and displayed in the Oxygen compartment and/or supplied with the delivery handbook.

Bidder Complies exactly as written Yes_____ No_____

QUALITY/COMPLIANCE ASSURANCE: A thorough quality/compliance inspection by this agency's employees or this agency's hired representative shall compare the Ambulance to the specifications within 10 calendar days of written notice of vehicle completion by the successful bidder. The notice may be faxed or emailed, followed by phone contact. The customer reserves the right to authorize the bidder's DEALER to conduct the inspection provided the DEALER is authorized and qualified to correct quality/compliance issues at the DEALER site.

Bidder Complies exactly as written Yes_____ No_____

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

At the time of delivery, the manufacturer's representative shall explain the use and operation of the new vehicle(s) and provide an owner's manual for the complete vehicle. The manual shall contain useful information on routine maintenance and troubleshooting. All warranty registration materials shall be completed and explained at the time of delivery. The manufacturer shall arrange for over the road delivery under the finished vehicle's own power. The vehicle(s) shall be delivered clean and free of road debris with at least fifty percent fuel on board.

The bidder shall be responsible for the performance and test requirements required herein. This agency reserves the right to perform any of the inspections and tests set forth in this specification where such inspections are deemed necessary to assure conformation of specification. The primary manufacturer shall conform to this agency's representatives with instruments and all such assistance as may be required.

Bidder Complies exactly as written Yes_____ No_____

NON-COLLUSIVE BID CERTIFICATION: By submission of this bid response, the Bidder and/or the Bidder's authorized representatives certify under penalty of perjury, that to the best of their knowledge and belief the following:

A) The prices in the bid response have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor, and;

B) Unless otherwise required by law, the prices which have been quoted in the bid response have not knowingly been disclosed by the Bidder and will not knowingly be disclosed by the bidder, prior to the Reverse Auction Bid, either directly or indirectly to any competitor, and;

C) No attempt has been made or will be made by the Bidder, for the purpose of restricting competition, to induce any person, partnership or corporation not to submit a bid response.

Bidder Complies exactly as written Yes_____ No_____

DEBARMENT STATUS: By submission of this bid response, the Bidder and/or its authorized representative, certify under penalty of perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bidding on contracts by any agency within the State of Mississippi, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the State of Mississippi.

Bidder Complies exactly as written Yes_____ No_____

WARNING:

This agency will not tolerate Vendors who state compliance to specifications but deliver an incomplete product and/or sub-standard materials and workmanship. Vendors who have made delivery of such an ambulance without making every reasonable effort to remedy the defects found at the time of delivery or within the warranty period will be notified that they are **DEBARRED** from submitting bids to this agency in the future. This agency will not waste valuable time (more than once) trying to recover legal costs and deal with lost in-service time of new apparatus, working with vendors who are unresponsive to the needs of this agency.

Bidder Complies exactly as written Yes_____ No_____

GENERAL VEHICULAR DESIGN, TYPES, AND FLOOR PLAN: The ambulance and the allied equipment furnished under this specification shall be the primary manufacturer's current commercial vehicle of the type and class specified. The ambulance shall be complete with the operating accessories as specified herein. It shall be furnished with such modifications and attachments as 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.

Bidder Complies exactly as written Yes_____ No_____

TYPE III AMBULANCE: The apparatus shall be a Class 1, Configuration A, 2-door cut-a-way van chassis with a transferable, modular, ambulance body.

Bidder Complies exactly as written Yes_____ No_____

FLOOR PLAN: The 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.

Bidder Complies exactly as written Yes_____ No_____

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 this specification. The vehicle shall comply with all Federal Motor Vehicle Safety Standards (FMVSS).

Bidder Complies exactly as written Yes_____ No_____

CHASSIS

CHASSIS MAKE: The apparatus shall be mounted on a commercially available cut-away cab and chassis manufactured by Ford Motor Company. The chassis manufacturer shall be the vehicle's point of origin. The chassis shall be supplied by Ford as an incomplete vehicle to the successful ambulance manufacturer. The chassis supplied shall conform to all applicable Federal Motor Vehicle Safety Standards in force at the time of manufacture. A statement of conformity shall be supplied with the chassis in an "Incomplete Vehicle Manual".

CHASSIS MODEL: The apparatus module (body) shall be mounted on a 2026 or newer E-350, cutaway van cab, dual rear wheel, two-wheel drive chassis equipped as follows.

Bidder Complies exactly as written Yes_____ No_____

WHEEL BASE: The wheel base shall be 138 inches with a cab to rear axle dimension of 80 inches. The wheel base shall be factory supplied by the OEM. Modified wheel bases made from chassis with shorter or longer wheel bases is not acceptable.

Bidder Complies exactly as written Yes_____ No_____

OEM: The acronym OEM is Original Equipment Manufacturer. The OEM is the chassis manufacturer and the vehicles Make Origin.

TRIM PACKAGE: The highest-level trim package shall be supplied from the OEM, the package shall include high quality chrome like bright work on the grille face. Chrome plated steel bumper(s) shall also be supplied by the OEM. Argent or painted bumpers are not acceptable. The OEM grille work shall remain OEM. Aftermarket vacuum formed proprietary grille work made by the ambulance manufacturer is not acceptable due to replacement part cost and lack of immediate availability.

Bidder Complies exactly as written Yes_____ No_____

ENGINE: A 7.3 liter V-8 premium gas engine shall be provided. The engine provides 325 horsepower @ 3,750 RPM and 450 lb.-ft. of torque at 3,750 RPM. The engine performance shall comply with or exceed the most current revision of KKK-A-1822.

Bidder Complies exactly as written Yes_____ No_____

ENGINE BLOCK HEATER: A 750 watt, 125 volt AC Engine Block Heater package shall be included on the chassis as installed by the chassis OEM manufacturer. It shall remain an independent function requiring manual power connection by the user per the manufacturer's owner's manual. After-market systems will not be acceptable.

Bidder Complies exactly as written Yes_____ No_____

TRANSMISSION: A 6-speed, Ford TorqShift® automatic with overdrive transmission shall be provided. A Tow/Haul selectable mode shall be provided that compensates for altitude, grade and load conditions.

Bidder Complies exactly as written Yes_____ No_____

CAB INTERIOR COLOR: The color of the cab interior shall be gray. All conversion manufacturers' added consoles and devices shall be pleasing in color with the interior color provided by the OEM

Bidder Complies exactly as written Yes_____ No_____

GROSS VEHICLE WEIGHT RATING (GVWR): The GVWR of the chassis supplied shall be at least 11,500 pounds.

Bidder Complies exactly as written Yes_____ No_____

FRONT AXLE WEIGHT RATING (FAWR): The FAWR shall be rated no less than 4,600 pounds.

Bidder Complies exactly as written Yes_____ No_____

REAR AXLE WEIGHT RATING (RAWR): The RAWR shall be rated no less than 7,800 pounds.

Bidder Complies exactly as written Yes_____ No_____

CAB FLOOR COVERING: The cab floor shall be covered with an OEM black rubber mat.

Bidder Complies exactly as written Yes_____ No_____

BRAKES: 4-wheel disc anti-lock, power assisted hydraulic brakes shall be supplied by the OEM. The brakes shall be 4-wheel Disc type with Dual piston calipers. The parking brake shall be a foot operated, independent mechanical drive line brake, provided by the OEM

Bidder Complies exactly as written Yes_____ No_____

TILT STEERING WHEEL: The steering wheel shall be tilt adjustable. An easy to operate, column mounted pull to adjust lever shall lock the steering wheel angle position.

Bidder Complies exactly as written Yes_____ No_____

SPEED CONTROL: Ford OEM Speed Control option shall be provided on the chassis.

Bidder Complies exactly as written Yes_____ No_____

INTERIOR UPGRADE PACKAGE: The Ford interior upgrade package shall be ordered and supplied on the chassis.

Bidder Complies exactly as written Yes_____ No_____

AMBULANCE PREPARATION PACKAGE 47A: The chassis provided shall be equipped with an ambulance preparation package designed and installed by the OEM The package shall be designed to hold up to the demands and duty cycles inherent with Emergency Medical Vehicles.

Bidder Complies exactly as written Yes_____ No_____

DOOR LOCKS: The chassis shall have OEM power door locks. There shall be two remote OEM key fobs included with the package.

Bidder Complies exactly as written Yes_____ No_____

DAYTIME RUNNING LIGHTS: Daytime running light option shall be supplied and installed by the OEM. Daytime running lights shall come on with the ignition switch.

Bidder Complies exactly as written Yes_____ No_____

SHOCK ABSORBERS: The chassis supplied shall be equipped with one shock absorber for each side of each axle. An OEM selected one and three eighth (1-3/8") inch gas type shock shall control vehicle spring oscillation and dampen road related jounce and harshness. Ambulance related shields, floor members or other devices shall not interfere with shock replacement.

Bidder Complies exactly as written Yes_____ No_____

FUEL TANK: The fuel capacity shall be at least 55 US gallons. The fuel range shall be at least 250 miles per KKK-A-1822.

Bidder Complies exactly as written Yes_____ No_____

REAR AXLE TYPE AND RATIO: The vehicle shall be rear wheel drive and the axle type shall be a Limited Slip Differential.

Bidder Complies exactly as written Yes_____ No_____

CAB EXTENSION: The bulkhead cabinet shall be moved 6 inches toward the rear of the patient compartment to allow for additional cab seat travel.

Bidder Complies exactly as written Yes_____ No_____

ALTERNATOR - CHARGING SYSTEM: Ford's single alternator option shall be supplied and installed by the OEM. The single alternator shall have an output of 260 amperes, measured with an under hood temperature of 200 degrees Fahrenheit. The alternator shall be controlled by the vehicle on board computer. The alternators' output cable, originally connected directly to the positive post of the under hood battery, shall be rerouted to a 3/8" diameter, solid brass junction post. A 2/O positive battery cable shall reconnect the alternator to the batteries from the junction post. The ambulance load cable shall connect under the hood to the aforementioned junction post.

Bidder Complies exactly as written Yes_____ No_____

HIGH-IDLE SYSTEM: One (1) - Aftermarket automatic high idle system is programmed to activate when the transmission is placed in the park position and the parking brake is activated. This increased speed provides higher power levels for heavy alternator loads, and/or air conditioner systems.

Bidder Complies exactly as written Yes_____ No_____

CAB STEREO: An OEM Bluetooth® capable AM/FM in dash radio and two cab door speakers shall be included with the chassis. The radio features a clock and USB input jack.

Bidder Complies exactly as written Yes_____ No_____

WHEEL/RIM APPEARANCE: All four outside chassis wheels shall be covered in polished stainless steel wheel simulators. The wheel simulator design shall not affect tire and wheel balance when the vehicle is driven between zero and eighty miles per hour. The lugs shall be capped off with bright stainless-steel, snap-on caps designed to cover wrench marks, normally left on the lug nuts. The wheel covers shall be Phoenix Wheel Covers and installed prior to delivery. They shall be model #NF12 and shall include the extender kit for the rear wheels, model #AP5.

Bidder Complies exactly as written Yes_____ No_____

FRONT STABILIZER BAR: A one and three eighth inch diameter, after market replacement anti-sway bar shall be supplied. This bar is larger in diameter than the OEM E-350 Bar. The bar shall regulate body shift and enhance drivability, handling and control. The solid torsional spring steel bar shall be attached at two points on the front axle and two points on the vehicle frame. The OEM Natural rubber bushings shall be replaced with Urethane bushings at all four connection points. The two removable bushings shall be encased with U-shaped, heavy duty two bolt brackets.

Bidder Complies exactly as written Yes_____ No_____

REAR STABILIZER BAR: A one- and one-half inch diameter, after market replacement anti-sway bar shall be supplied. This bar is larger in diameter than the OEM E-350 Bar. The bar shall regulate body shift and enhance drivability, handling and control. The solid torsional spring steel bar shall be attached at two points on the rear axle and two points on the vehicle frame. The OEM Down link and natural rubber bushings shall be replaced with heavy duty angle steel brackets, through bolted the web of the vehicle frame. Urethane bushings at all four connection points shall be encased with U-shaped, heavy duty two bolt brackets.

Bidder Complies exactly as written Yes_____ No_____

SPARE TIRE: A full size, fully inflated spare tire and wheel assembly shall be provided with the unit. The spare tire and wheel assembly shall be mounted with brackets in the appropriate compartment. The spare tire and related tools, supplied by the OEM, shall be provided with the completed vehicle. The spare tire shall be of the same make and type of the tires specified herein.

Bidder Complies exactly as written Yes_____ No_____

JACK AND SPARE TIRE TOOLS: The vehicle jack and tools associated with the spare tire and jack shall be shipped loose with the unit and located in the appropriate compartment of the vehicle near the spare tire.

Bidder Complies exactly as written Yes_____ No_____

TIRES: All tires shall be identical make, tread type, size and load range. For GVWR the tires shall be LT225/75R16 load range E. A label with the recommended tire pressure shall be located above each wheel opening, unless specified otherwise by the purchaser. All tires shall be balanced per current KKK-A-1822.

Bidder Complies exactly as written Yes_____ No_____

TIRE VALVE EXTENDERS: One pair of tire valve extenders shall be supplied and installed for each inside rear wheel. The tire valve extenders shall permit the user to check tire pressure and fill the inside rear tires without removing the outer tire. The extenders shall have a braided stainless steel outer jacket to resist abrasions and cuts. The filler end shall be supported by a valve bracket.

Bidder Complies exactly as written Yes_____ No_____

TIRE PRESSURE MONITOR - QuickPressure: A QuickPressure tire pressure monitoring system shall be installed. The system consists of tire pressure caps which display green, green/red, and red indicators based on tire pressure:

- Full green indicates the pressure is correct
- Partial green/red indicates that the tire is under-inflated by as little as 10%
- Full red indicates that the tire is under-inflated by 25%

Bidder Complies exactly as written Yes_____ No_____

SIDE REAR VIEW MIRRORS: Dual OEM Mirrors with power adjusted mirror glass and manually telescoping mirror heads, shall be mounted to the forward, lower corner of the cab door window. Both mirrors shall feature a bi-directional break-away function to permit folding the mirror heads against body in close quarters.

Additionally convex mirrors shall be provided below each flat glass area on both sides to minimize blind spots.

Bidder Complies exactly as written Yes_____ No_____

CAB DOOR STRAPS: The cab doors shall have a pair of door straps. The straps shall be constructed of the same webbing material as seat belts. They shall be looped and sewn to allow the full tension of the door to be applied. The loops shall be fed through a coated steel "U" shaped bracket and then nut-serted and bolted into place the door and the jamb. These door straps shall alleviate tension from the cab door hinges during full extension.

Bidder Complies exactly as written Yes_____ No_____

MODULE CONSTRUCTION - GENERAL

SERVICE INTENT: The ambulance body shall be all aluminum. The body sheet shall be reinforced with structural members designed to resist deflection and hold up to extreme ambulance service per the latest revision of federal specification KKK-A-1822.

Bidder Complies exactly as written Yes_____ No_____

ENVIRONMENTAL SYSTEMS: 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 to 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 in the action area.

The module control thermostat shall be located on 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 and be ducted to a plenum in the liner along the patient area with a minimum of eight air ducts with a minimum of four each side. The dual core front mounted condenser shall be capable of 75,000 BTU. It shall have an exhaust fan for contaminated air.

Nomax heater hoses shall be installed as standard.

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

Bidder Complies exactly as written Yes_____ No_____

INSTRUMENT CONSOLE: A powder-coated aluminum narrow floor mounted console shall be installed on the floor of the cab between the driver's and passenger's seats. The console shall include an angled face to accommodate all controls and switches to operate all necessary emergency or mission critical functions and shall include space for mounting of a two-way radio for communications.

Bidder Complies exactly as written Yes_____ No_____

BULKHEAD SLIDING DOOR: The door shall have at least a 150 square inch transparent, shatterproof viewing panel in the center section at the driver's eye level. The door shall be secured with a driver's side self-latching device in the open and closed positions.

Bidder Complies exactly as written Yes_____ No_____

INTERIOR STOWAGE ACCOMMODATIONS: The interior of the patient compartment shall provide but not be limited to a minimum volume of thirty cubic feet of enclosed cabinets. Each cabinet shall be labeled as to its rated weight capacity. 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 as appropriate. The equipment and supplies necessary for airway management shall be within easy reach of the medic at the head of the stretcher. Interior cabinet dimensions are as described.

Bidder Complies exactly as written Yes_____ No_____

INTERIOR HEADROOM: The interior headroom shall be a minimum of 72 inches.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT C-1: Compartment C-1 is the passenger side forward compartment. The door opening dimensions shall be a minimum of 65 inches high and 17 inches wide. This compartment is designed to provide interior/exterior access to the ALS compartment. Lighting for the compartment is to be provided by LED. The lower section of Compartment C-1 shall be the battery compartment behind a separate door. The battery compartment shall include a slide-out tray for the conversion batteries.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT C-3: Compartment C-3 is on the passenger side just behind the rear wheel. The door opening dimensions shall be approximately 71 inches high and 15 inches wide. The interior dimensions shall be approximately 73 inches high and 20 inches wide and 21 inches deep. This compartment shall contain one (1) fixed divider for backboard or spine board storage. The left spine board area will be approximately 10 inches in width and the right stair chair / shelving area will be approximately 11 inches in width. Lighting is to be provided by LED lights. The floor is to be protected by a dry carpet mounted flush to the door jamb.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT S-1: Compartment S-1 is the driver's side compartment at the front of the module. The door opening dimensions shall be a minimum of 64 inches high and 15 inches wide. The interior dimensions shall be approximately 66 inches high, 17 inches wide and 14 inches deep. The compartment is designed for storage of the oxygen cylinder(s) and shall have retention for same. Lighting is to be provided by LED.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT S-2: Compartment S-2 is on the driver's side just forward of the rear wheel. The door opening dimensions shall be a minimum of 64 inches high and 30 inches wide. The interior dimensions shall be approximately 66 inches high, 32 inches wide and 13 inches deep. This compartment shall contain all electrical components, including the electronic controller units for the multiplex system. Lighting is to be provided by LED.

This compartment shall be locked with a different key and not part of the electronic lock and unlock system for the ambulance.

There shall also be an aluminum panel in this compartment to cover and protect the electrical system from water and debris. It shall be powder coated white in color.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT S-3: Compartment S-3 is the driver's rear compartment aft of the fuel fill. This compartment shall provide for equipment storage with upper compartment inside/outside access. The door opening dimensions shall be a minimum of 59 inches high and 26 inches wide. The interior dimensions shall be approximately 61 inches high, 32 inches wide and 17 inches deep. Lighting shall be provided by LED.

The compartment shall have an adjustable shelf in the upper compartment for flexible storage options and shall have two adjustable shelves in the lower compartment for same. The uni-strut length for mounting shall be 24 inches with two each side for stability. The shelf dimensions shall be approximately 30 inches wide and 13 inches deep with a ¾ inch lip made of aluminum and powder coated white.

Bidder Complies exactly as written Yes_____ No_____

RUBBER COATING – COMPARTMENTS: The interior of the compartments shall be sprayed with a Polyurethane rubber coating in a complimentary color. The product has high tensile strength, excellent abrasion resistance, superior elongation, high non-skid rating, and excellent UV stability and weathering characteristics.

Bidder Complies exactly as written Yes_____ No_____

RUBBER COATING – REAR BUMPER SUPPORTS: The rear bumper supports shall be sprayed with a Polyurethane rubber coating in a black color. The product has high tensile strength, excellent abrasion resistance, superior elongation, high non-skid rating, and excellent UV stability and weathering characteristics.

Bidder Complies exactly as written Yes_____ No_____

BATTERY COMPARTMENT FINISH: The exterior battery compartment shall be manufactured using milled aluminum. The compartment shall be polyurethane coated to protect the compartment from battery fluids.

Bidder Complies exactly as written Yes_____ No_____

DURASEAM DOORS WITH HIDDEN JAMBS: All door frames are to be cut to size using a programmable double miter saw to assure accuracy and repeatability of components. All latch, door pins, switch and tapped hinge holes are to be added to the door frame and jamb by means of a programmable milling operation to maintain consistency of all hardware cutout positions.

The outer face of door shall be formed from one sheet of 5052-H32 aluminum. The door shall be flush with the body side. The outer skin shall be bonded to the door frame with structural adhesive that meets ASTM D 412 tensile strength, elongation, and elastic modulus. The adhesive shall utilize micro spheres to maintain a constant bond thickness around the inside skin edge to seal the entire skin to frame. The door frame shall meet the exterior skin with a smooth seamless transition. There shall be no seams or crevices on the door or door frame which allows the possibility of corrosion.

Both patient compartment and exterior compartment doors shall be provided with an extruded rubber seal system consisting of a hollow cell bulb gasket. The gasket shall insert into an appropriately designed groove in the inner door extrusion. This will provide the best seal possible. Glued on seals or seals that are mounted to the compartment openings are unacceptable as they will easily be torn by loading of equipment stored in the compartments.

All doors shall be attached using minimum ¼-20 stainless steel hex bolts with a stainless steel piano hinge with a pin size of at least 0.250 inch in diameter. The hinge must be punched with 0.265 diameter holes for exact fit of door to jamb with ¼- 20 hex bolts. Maintaining the close tolerances allows a replacement door to be fabricated that will match the old door bolt pattern that can be mounted in exactly the same place with the close tolerances.

All compartment doors shall be constructed the same as the entry doors to ensure continued door alignment and matched latching capabilities. All access doors must be encased by a door jamb that is separate from the body skin and bonded in place with the same structural adhesive as described herein previously. After jamb is bonded to skin both skin and jamb are to be routed with the same radius as the door skin. After bonding to skin, the jamb is also welded to the 2" X 2" tubular body frame members. The door jamb shall be a 0.125"/0.380 thick 6063-T6 aluminum extrusion.

The interior surface of the patient compartment doors (rear and curb side) shall be finished in a safe and attractive manner that harmonizes with the interior finish. The door panels shall be designed to allow removal without disturbing the door latching hardware. The door panels shall be attached using automotive speed clips in conjunction with foam pads to enhance sound deadening. Door panels must be flush fitting, not overlay. Doors using pliable materials such as upholstery are prohibited due to greater risk of contamination by blood borne pathogens through stitching or when cut or torn.

The three (3) patient compartment doors shall be fitted with stainless steel, flush fit, "paddle latch" hardware on the interior and an "automotive style" handle on the exterior. The patient compartment doors shall be provided with a keyed lock and the rear doors and side door shall be lockable from the inside without a key per FVMSS. All patient compartment doors shall have emergency release handles to activate rotary latches in the event of door component failure.

All entry and compartment doors shall be insulated with 2-1/2" thick closed cell block foam insulation. When the doors are opened, the hinges, latches and door checks shall not protrude into the access area. All patient compartment doors shall employ the same type locking hardware. All door latches shall comply with requirements of FVMSS 206.

The locking devices shall be two-stage rotary latches and shall be FMVSS 206 certified. Where applicable there shall be two door latches, one at the top and one at the bottom, controlled by a single locking handle. The Latches shall fit into an adjustable "Nader" type pin located in the door frame. The Nader pin will utilize a captive nut to provide adjustment and replacement without loss of nut plate. The locking system shall be activated from the locking handle by metal push rods.

The outside door handles shall be a rugged "automotive style" that are near flush with door skin. These handles shall provide adequate clearance for the use of gloves. The hand/glove clearance area of the handle shall be a minimum of .812" deep and 4.125 long. On the curb side and rear doors, the inside handle shall be a "paddle style" type constructed from stainless steel and shall be equipped with an inside door lock. All exterior storage compartments and module entry doors shall be lockable with the same key.

The compartment and entry doors shall be painted separately from the body. The doors shall then be installed on the painted module jamb. A Corrosion inhibitor shall be applied to both the door frame and jamb side of the hinge leafs. Additional corrosion inhibitor is to be applied in all screw holes in both door frame and jamb.

Bidder Complies exactly as written Yes_____ No_____

FUEL FILL HOUSING: A cast aluminum or stainless steel fuel fill housing shall be installed according to the chassis manufacturer's instructions. Additionally, a stainless-steel protection plate shall be installed below the fuel fill inlet to protect the powder coat and overall finish of the body module.

Bidder Complies exactly as written Yes_____ No_____

EXTERIOR COMPARTMENT SHELVES: The exterior compartment shelves shall be manufactured from 0.125 inch aluminum. Each shelf shall have a 0.125 inch thick ribbed rubber mat. The shelf track shall be a heavy duty extruded aluminum. There shall be a shelf in the RF Compartment/Cabinet.

Bidder Complies exactly as written Yes_____ No_____

EXTERIOR ELECTRICAL SHELF: A fixed exterior shelf shall be located in the left center compartment "S-2" near the top of the compartment. It shall serve the sole purpose of holding electrical equipment.

Bidder Complies exactly as written Yes_____ No_____

STEP WELL AND WINDOWS: The curb side door step well shall have a light recessed into wall one of the step well. It shall be automatically lit when the side and rear doors are opened. The light shall be activated by a switch. The step well shall be finished with a polished aluminum diamond plate. There shall be a window in each of the three patient access doors. The window frame shall be of an extruded aluminum design with a protective anodized finish. The curbside entry door window shall include a sliding window to allow for fresh air when needed. The two rear door windows shall have fixed glass. The glass shall have a privacy tint.

Bidder Complies exactly as written Yes_____ No_____

GLOVE HOLDERS ABOVE SIDE ENTRY DOOR: One (1) - Three (3) glove box holder to be installed above side entry door with latch.

Bidder Complies exactly as written Yes_____ No_____

PATIENT ENTRY DOOR LATCHES, HINGES AND HARDWARE: When the doors are opened, the hinges, latches and door checks shall not protrude into the patient compartment. All patient doors shall employ the same type of locking hardware. All door latches shall comply with FMVSS 206. The locking devices shall be two stage rotary latches and shall be in accordance with FMVSS. There shall be two door latches, one at the top and one at the bottom, controlled by a single locking handle. The latches shall lock into an adjustable Nader type pin located in the door frame. The Nader will utilize a captive nut to provide adjustment and replacement without loss of the nut plate. The door latching mechanism shall have an upper and lower patented "Emergency Release Latch" to allow egress from the vehicle if a system failure should occur.

The door handles shall be Trimark OEM style handle with a large enough space for gloved hands to operate the handle. The door handles shall be free floating with 1008 cold rolled steel mechanical components with Nitrotec treated wear components. The locks shall be a KeyOne Plus lock cylinder with a reversible key. The KeyOne Plus system allows the lock core to be removed with a special key and allows it to be rekeyed for additional security and keying fleets the same. The rear trailing door shall have a patented side release paddle handle that removes the necessity of reaching inside the patient compartment door. The door entry system shall have been tested to 100,000 cycles.

The locking system shall be from the locking handle by aluminum push rods. The patient compartment doors will be equipped with an inside door lock. All entry doors shall have horizontal aluminum reinforcements welded to the door frame and the entry doors shall have closed cell block foam insulation.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT DOOR LATCHES, HINGES AND HARDWARE: When the doors are opened, the hinges, latches and door checks shall not protrude into the patient compartment. All compartment doors shall employ the same type of locking hardware. All door latches shall comply with FMVSS 206. The locking devices shall be two stage rotary latches and shall be in accordance with FMVSS. There shall be two door latches, one at the top and one at the bottom, controlled by a single locking handles. The latches shall lock into an adjustable Nader type pin located in the door frame. The Nader will utilize a captive nut to provide adjustment and replacement without loss of the nut plate.

The compartment door handles shall be Trimark OEM style handle with a large enough space for gloved hands to operate the handle. The door handles shall be free floating with 1008 cold rolled steel mechanical components with Nitrotec treated wear components. The locks shall be a KeyOne Plus lock cylinder with a reversible key. The KeyOne Plus system allows the lock core to be removed with a special key and allows it to be rekeyed for additional security and keying fleets the same. The compartment door entry system shall have been tested to 50,000 cycles. The door handle shall be mounted to the exterior door panel using mechanical fasteners and rubber gaskets that will eliminate the possibility of electrolysis. All doors shall have closed cell block foam insulation.

Bidder Complies exactly as written Yes_____ No_____

OEM DOOR LOCKS: The OEM electric door switches shall lock and unlock the compartment and entry doors.

Bidder Complies exactly as written Yes_____ No_____

POWER DOOR LOCKS: The module entry doors shall include power door locks that enable remote activation. The compartment doors shall include power door locks that enable remote activation.

A circuit shall be installed to enable the power door locks for the compartment and entry doors to be operated off the OEM cab door lock switches.

Bidder Complies exactly as written Yes_____ No_____

SWITCH – MOMENTARY ROCKER – FOR POWER DOOR LOCKS: A momentary rocker switch shall be located as determined by this Agency and enable the power door locks for the compartment and entry doors.

Bidder Complies exactly as written Yes_____ No_____

STEALTH SWITCH FOR CAB DOORS: A stealth switch shall be located in the grille area, unless otherwise specified by this Agency, and enable the power door locks for the cab doors. The switch must be weather resistant.

Bidder Complies exactly as written Yes_____ No_____

REAR DOOR HOLD OPENS: The rear doors shall be held open by two (2) - 5.5 inch Cast Grabber. The U shaped piece shall be attached to the door. It shall enter into a rubber insert when the door is in the open position. A corrosion inhibitor shall be applied to the mounting holes prior to installation.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT DOOR HOLD OPENS: Compartments shall have 60 pound or 30 pound gas struts, depending on size, in lieu of a spring loaded hold open. The hold opens shall hold the door open at an approximate 90 degree angle.

Bidder Complies exactly as written Yes_____ No_____

DOOR PANELS: The upper and lower portion of the curbside and rear access door panels shall be brushed stainless steel. The center shall be reflective chevron covered aluminum.

Bidder Complies exactly as written Yes_____ No_____

REAR FENDERS: Bright finish aluminum fender flares shall be provided around the rear wheel well openings to provide protection from wheel wash. A corrosion inhibitor shall be applied to the mounting holes prior to installation.

Bidder Complies exactly as written Yes_____ No_____

REAR DOCK BUMPERS: Dock bumpers shall be installed on each outboard pontoon on the rear bumper. The dock bumpers shall measure 10 inches wide and 4 1/2 inches high and 3 inches deep.

Bidder Complies exactly as written Yes_____ No_____

BUMPERS AND STEP: The chassis manufacturer shall supply the vehicle's front bumper. The rear bumper and step assembly shall be a single unit constructed of ten gauge steel "C" formed channel and .100 inch thick aluminum tread plate as measured at the thinnest point of the tread plate. The center step of the bumper assembly shall be designed to allow it to flip up and out of the way to facilitate patient loading. The flip up section of the of the rear bumper shall be diamond plate to meet the requirements of KKK-A-1822-F specification. The diamond plate flip up step shall be punched with three rows of raised star-shaped holes to create additional non-skid surface. A 1.5" x 2" x 0.125" aluminum box tube shall be welded inside the step full width on the side farthest from the rear of the vehicle. A stainless-steel hinge with a center pin of .250 inch shall be used to attach the flip up section of the rear step to the main rear bumper assembly. There shall be I beam constructed skid plates with tow eyes mounted as part of the frame of the bumper. This assembly shall be bolted to the frame of the chassis with 5/8 inch Grade 8 bolts. There shall be a one half inch clearance between the bumper assembly and the rear of the modular body to allow water drainage and inhibit water collection. There shall be a two inch red LED marker light on the street side and curb side of the bumper assembly. These lights shall be a sealed unit and the connectors protected with an adhesive heat shrink. The lights shall illuminate with the vehicle head light control.

Bidder Complies exactly as written Yes_____ No_____

RUNNING BOARDS: Diamond plate running boards shall be installed just under the cab doors for both the driver and passenger. The diamond plate step shall be punched with rows of raised star-shaped holes to create additional non-skid surface. The boards shall allow for easy entry into the cab.

Bidder Complies exactly as written Yes_____ No_____

SKIRT RAILS: Extruded aluminum channel with extruded rubber insert shall be provided on street side and curbside of modular body. The rails shall be installed along the lower edge of the body. The rails shall be offset from the sides by a minimum of one quarter inch to allow water and road wash not to collect between the rail and modular rail. Rubber spacers shall be used to install the rails to eliminate the possibility of electrolysis. A corrosion inhibitor shall be applied to the mounting holes prior to installation.

Bidder Complies exactly as written Yes_____ No_____

SKIRT RAIL REFLECTIVE TAPE: Reflective tape shall be inserted into the channel in the extruded rubber skirtrail and secured with stainless steel screws at each end. Color shall be white.

Bidder Complies exactly as written Yes_____ No_____

FRONT STONE GUARDS: The lower front corners of the patient compartment shall have stone guards attached to the corner extrusion. They shall be diamond plate aluminum and extend from the bottom edge of the corner extrusion up approximately 13 inches. A corrosion inhibitor shall be applied to the mounting holes prior to installation.

Bidder Complies exactly as written Yes_____ No_____

REAR KICK PLATE (Under-ride): Above the rear bumper and below the rear doors, there shall be a full length riser of aluminum diamond plate for a protective kick panel. The kick panel shall be securely fastened with ceramic coated stainless steel screws to inhibit rust that could result from electrolysis and run the full rear width of the module. Pop rivets are not acceptable. This kick panel shall be above the rear bumper height to allow the bumper to ride under the module in case of a minor collision minimizing damage to the module. There shall be a 1/4 inch thick rubber flap secured to the bottom of the kickplate and extending below the top of the bumper to prevent road debris from accumulating on top of the bumper pods.

Bidder Complies exactly as written Yes_____ No_____

LICENSE PLATE HOLDER: A Cast Products license plate holder shall be installed in the rear kickplate. It shall be lit by LED light.

Bidder Complies exactly as written Yes_____ No_____

THRESHOLDS: The curbside and rear entry thresholds shall be stainless steel coated on the upper side with a black poly-urea coating to help prevent slipping. This coating shall be a permanent spray on coating not a grip tape adhered to the stainless steel.

Bidder Complies exactly as written Yes_____ No_____

REAR MUD FLAPS: Mud flaps shall be installed just behind the rear tires.

Bidder Complies exactly as written Yes_____ No_____

PREPARATION FOR PAINTING, COLOR AND MARKINGS

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.

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. The modular body shall be painted with an AkzoNobel (or equal) high quality automotive polyurethane acrylic paint.

Bidder Complies exactly as written Yes_____ No_____

MODULAR BODY DOORS: All modular body doors shall be removed prior to paint and shall be painted separately from the modular body. After painting, the doors are to be re-installed. The doors shall be painted using the same method as the modular body.

Bidder Complies exactly as written Yes_____ No_____

SUBSTRATE PREPARATION:

- The modular body shall be thoroughly degreased using an acetone degreaser and the wipe on – wipe off method.
- Any areas that require filling will be first be abraded with 80 grit sandpaper using a DA orbital sander. If any welds require grinding, 24 grit paper shall be used. Any plastic filler used shall be mixed and applied per Manufacturer's instructions. After filler application, the surface shall be prepared using 80 grit sandpaper followed by 120 grit paper using a DA orbital sander.
- A minimum of two (2) coats of Wash primer EMCF shall be applied to all plastic filler areas allowing to flash five (5) minutes between coats.
- The Wash primer shall be sanded with 320 grit sandpaper using a DM orbital sander.
- A fine textured glazing putty shall be used to fill any additional surface flaws, pinholes and/or scratch marks. After curing, the surface shall be sanded with 320 grit sandpaper using a DA orbital sander.
- The substrate shall be sanded with 180 grit sandpaper using a DA orbital sander to remove any final imperfections.
- The modular body shall again be thoroughly degreased using M-600 degreaser and the wipe on – wipe off method.
- All corner extrusions and the top drip rail to be caulked as necessary.

Bidder Complies exactly as written Yes_____ No_____

ALUMINUM PRETREATMENT: The modular body shall be pretreated with a chromium free conversion coating that is specifically formulated for treating aluminum and its alloys. Prior to the pretreatment application, all diamond plate is to either be removed or properly masked to prevent staining. After application, the modular body shall again be thoroughly degreased using M-600 degreaser and the wipe on – wipe off method.

Bidder Complies exactly as written Yes_____ No_____

WASH PRIMER: The modular body shall be primed with a medium build, chromate-free, self-etching wash primer that offers excellent corrosion resistance without the use of metal preps and conditioners. There shall be a minimum of two (2) medium wet coats applied allowing a five (5) minute flash between each coat. The final coat shall be allowed to flash for 30 minutes. The primer shall be sanded with 320 grit sandpaper using a DA orbital sander or 400 grit dry sandpaper by hand. After sanding, the modular body shall again be thoroughly degreased using M-600 degreaser and the wipe on – wipe off method.

Bidder Complies exactly as written Yes_____ No_____

SEALER: To enhance the adhesion between the substrate and top coat of paint, a transparent sealer/adhesion promoter shall be applied to the modular body. A minimum of two (2) wet coats of sealer shall be applied. The initial coat shall be allowed to flash 10 minutes before the application of the second coat. Once the sealer has cured, the body is to be sanded smooth with 320 grit sandpaper using a DA orbital sander.

Bidder Complies exactly as written Yes_____ No_____

TOP COAT: The top coat of paint shall be a high solid two-component polyurethane enamel, suitable for automotive refinishing, trucks and equipment. Paint shall provide an easy application with excellent flow along with superior gloss and durability in a two-coat application. The paint color is OEM White.

Bidder Complies exactly as written Yes_____ No_____

FINAL SAND AND BUFF: The entire exterior surface of the module shall be sanded with a minimum 1200 to 1500 grit sand paper and then followed by 3000 grit wet sandpaper. The exterior of the module will then be polished using the 3M 3000 buffing system with 3M Perfect-It III buffing compound to provide a smooth, high gloss final surface finish. This process shall provide a smooth, high gloss finish that is resistant to scratching and chipping.

Bidder Complies exactly as written Yes_____ No_____

UNDERCOATING PROTECTION: There shall be undercoating protection installed on the entire underside of the OEM chassis and conversion module. The undercoating is designed to help lengthen the life of a vehicle by preventing rust and other corrosion issues.

Bidder Complies exactly as written Yes_____ No_____

COLOR STANDARDS AND TOLERANCES: Shall be as required by paragraph 3.16.2.1 of Federal Specification KKK-A-1822F.

Bidder Complies exactly as written Yes_____ No_____

SALT SPRAY RESISTANCE: Shall meet the requirements of paragraph 3.16.3 of Federal Specification KKK-A-1822F.

Bidder Complies exactly as written Yes_____ No_____

CHEVRON STRIPING - DOT STYLE: Chevron striping shall be applied on 100% of the rear of the module. All retroreflective materials required shall conform to the requirements of ASTM D 4956, Standard specification for Reflective sheeting for Traffic Control, Section 6.1.1 for Type I Sheeting. All retroreflective materials used to satisfy the requirements of 15.9.3.1 that are colors not listed in ASTM D 4956, Section 6.1.1, shall have a minimum coefficient of retro reflection on 0 with observation angle of 0.2 degrees and entrance angle of -4 degrees. Fluorescent yellow and fluorescent yellow-green retroreflective materials used to meet the requirements shall conform to the minimum requirements specified for yellow Type I Sheeting in ASTM D 4956, Section 6.1.1. Any printed or processed retroreflective film construction used to meet the requirements shall conform to the standards required of an integral colored film as specified in ASTM D 4956, Section 6.1.1.

Stripes shall be 4" reflective material in alternating colors. The chevron pattern stripes shall slant downward on both sides of the vehicle at an angle of 45 degrees, pointing in the direction of the bottom rear corners of the tailboard. The pattern shall resemble an inverted V with the point of the V pointing at the top center of the apparatus.

Chevron pattern shall be applied to the entire rear of the apparatus.

Bidder Complies exactly as written Yes_____ No_____

REFLECTIVE STRIPE: There shall be an eleven-inch-tall reflective stripe installed on the chassis cab and module in a straight manner at approximately the belt line of the overall unit. This main stripe is to provide nearly continuous safety identification to the sides and rear of the ambulance while in use.

Bidder Complies exactly as written Yes_____ No_____

REFLECTIVE MAIN STRIPE: The main reflective stripe on the chassis cab sides and module sides shall be reflective orange.

Bidder Complies exactly as written Yes_____ No_____

PIN STRIPE: The aforementioned paint belt shall be bordered with 1/4" wide automotive pin stripe tape. The tape shall be reflective blue in color. The tape shall be firmly pressed onto the paint, on the center of the color change joint.

Bidder Complies exactly as written Yes_____ No_____

DECALS: The DOT KKK star of life kit shall be installed. The custom Neshoba logo and decals shall be furnished and installed. Agency decals will be specified during the pre-construction conference and will be similar in design to the current fleet. Bidders are encouraged to inspect fleet and measure decals before bidding.

Bidder Complies exactly as written Yes_____ No_____

ROOF STAR OF LIFE: There shall be installed on the module roof a reflective star of life symbol large sized to meet state of MS requirements.

Bidder Complies exactly as written Yes_____ No_____

ELECTRICAL SYSTEMS AND COMPONENTS

The emergency medical vehicle's electrical system must meet KKK-A-1822-F. This agency will specify systems, components, materials, and production methods within this section. This agency will operate the vehicle herein specified on a twenty-four hours a day, seven day a week (24/7) basis as a primary emergency response vehicle. Therefore, the primary manufacturer will provide a local service facility during regular business hours and a 24/7 support service staffed by trained technicians to assist this agency.

Local Service Facility: _____

24/7 Service Assistance Phone Number: _____

Bidder Complies exactly as written Yes_____ No_____

The driver and patient compartment control consoles shall be constructed in a way that the switches and any gauges are easily serviced. They shall be accessible through service panels. These panels will be secured in the closed position in a positive manner, yet can be easily opened for service.

Bidder Complies exactly as written Yes_____ No_____

The control console gauges shall be internally illuminated and controlled by the headlight switch rheostat. All lights and fixtures installed on the module exterior shall have a corrosion inhibitor applied to all mounting holes prior to installation.

Bidder Complies exactly as written Yes_____ No_____

The driver and patient consoles shall incorporate full size "Euro-Style" rocker switches. The switch assembly shall be 1.97 inches tall by 1.064 inches wide with silver plated copper contacts and a .250 inch spade type terminal. The rocker switch shall incorporate a LED indicator lamp and rated at 15 Amps continuous service. The switch and rocker shall be of a thermo set molding material. The complete switch assembly shall be designed to withstand one thousand (1,000) volts RMS dielectric test. The switches shall have a positive "throw" feel and an audible click upon activation and deactivation

Bidder Complies exactly as written Yes_____ No_____

The rocker switches, as described herein, shall have integrated label lens area that is illuminated by two independent LED's. The LED brightness shall be controlled by the headlight rheostat. The label shall be white legends on black poly carbonate background.

Bidder Complies exactly as written Yes_____ No_____

The OEM throttle monitor shall be mounted in the primary manufacturer's console. It shall be mounted to be easily accessible to the driver.

Bidder Complies exactly as written Yes_____ No_____

WARNING INDICATORS

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

Bidder Complies exactly as written Yes_____ No_____

A battery indicator light shall be provided. It will be a green light located in the warning light panel. It shall illuminate when the battery switch is in the "ON" position. The light shall be steady burn to indicate the batteries have been selected.

Bidder Complies exactly as written Yes_____ No_____

WIRING INSTALLATION

The ambulance body and accessory electrical equipment shall be served by circuit(s) separate and distinct from the vehicle chassis circuits. Wiring methods must conform to SAE J1292. All wiring provided by the primary manufacturer shall be copper and conform to all the SAE J1127 and SAE J1128 requirements. All low tension primary cable shall have GXL or better insulation. All low-tension battery cable shall have SGX insulation. Documentation from the wiring manufacturer that the wire used by the primary manufacturer is in compliance with this requirement shall be submitted with the proposal. Bids not meeting this requirement will not be accepted.

Bidder Complies exactly as written Yes_____ No_____

The wiring shall be permanently color coded to identify wire function. 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 six-inch intervals the entire length of the wire terminating into all switch and control panels. The use of multi-conductor cable must be function and color coded and shown on the wiring diagram.

Bidder Complies exactly as written Yes_____ No_____

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 from the exhaust system components. Electrical wiring and components shall not terminate or be routed in the oxygen storage compartment except for the oxygen-controlled solenoid, compartment light, and switch. 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 placed in a grommet 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.

Bidder Complies exactly as written Yes_____ No_____

No splices shall be permitted except for connection of "pig-tail" devices. Butt splices are permitted for connection of "pig-tail" devices. The use of IDC (Insulation Displacement Connector) connectors, i.e.: "3M Scotchlok" type fasteners, is not acceptable.

Bidder Complies exactly as written Yes_____ No_____

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. Main module harness.
4. Chassis rear lighting harness.

This agency is extremely concerned the primary manufacturer has the ability to control, warranty and replace the harnesses. To that end, the primary manufacturer shall not subcontract the construction of these harnesses.

Bidder Complies exactly as written Yes_____ No_____

WIRING CRITERIA AND CIRCUIT BOARD

All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry a minimum of one hundred and twenty-five percent (125%) of the maximum ampere load for which the circuit is protected. All wires carrying a load of more than 5 amperes shall be a minimum of 16 AWG.

Bidder Complies exactly as written Yes_____ No_____

Multiplex Electronic Management System

A 12VDC electrical system shall be added in conjunction with the OEM system. They shall be isolated from each other, yet they still exchange data. This is achieved by using a multiplex system in combination with CAN-BUS connectivity between the two (2) systems. It reduces the number of wires in the harness, thus reduces the number of welds and connections. Using programmable solid state devices allows for easy updating and customizing of the vehicle without needing to add relays or modify the wiring system, even at a later stage while the vehicle is in the field. The printed circuit board or, so-called "hardwired" electrical systems shall not be acceptable. The ambulance manufacturer shall have significant experience in installing multiplex and electrical systems. The purchaser is not interested in prototypical or logical systems that are untested or unproven by the ambulance manufacturer. The multiplex system specified here shall be fully developed, tested, in service for at least 15 years and shall be installed on at least 5,000 units. Documentation of electrical systems installed and in-service shall be provided at the purchaser's request.

Electronic Controller Units (ECU) Multiplexing electrical system shall consist of solid-state electronic control units mounted in the electrical control panel. Electronic controller units shall act as the central communications system for the entire electrical system. These electrical controller units shall command all electrical components installed by the ambulance manufacturer in the cab and in the patient compartment. Each electronic controller unit shall be self-diagnostic with an easy-to-read LED. A USB Drive of the programming and the electrical schematics as well as detailed printed schematics of all components and wiring shall be provided with the completed ambulance. All Electronic controller units shall be sealed in a weatherproof exterior casing. The ECUs main control panel shall be coated in weather-resistant from the factory. All electronic controller units shall be installed in an electrical control panel compartment for a centralized location. Electronic controller units shall be programmed using already established automotive communication language. Electronic controller units shall be programmed to communicate and receive signals in the SAE J1939 protocol via the CAN-BUS connection. This type of system is preferred to allow for future expansion and. No auxiliary printed circuit boards, circuit breakers or relays shall be needed in a future expansion or to assist in the functionality of standard electrical components.

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

Voltage drops in all wiring from the power source to the component shall not exceed 10 percent. All circuits shall be wired in conformance with SAE J1292, Automobile, Truck, Truck-Tractor, Trailer, and Motor Coach Wiring.

The ambulance wiring harnesses shall be a continuous run to each electrical component. The ambulance wiring shall contain no splices in the main wiring harness. The terminals on connectors of each end shall be machined crimped. Hand crimped electrical connectors are not permitted by the purchaser as they have been proven to be prone to premature failure and/or irregularities. All ambulance wiring harnesses shall be enclosed in a plastic loom. This loom shall run from the electronic control units to each specified electrical component. In instances where conduit must travel through a tube structure, a rubber grommet shall be placed in the hole to prevent premature wear of the plastic loom and/or wiring. All wiring harnesses shall be secured to the roof and wall tube structures with insulated clamping fasteners. The overall covering of jacketed cables shall be moisture resistant and have a minimum continuous temperature rating of 194°F (90°C), except for cable installations where the wiring may be exposed to higher temperatures.

All wiring connections and terminations shall use a method that provides a positive standard connection. Wiring connections and terminations shall be installed in accordance with the device manufacturer's instructions. Wire nut, insulation displacement, and insulation piercing connections shall not be used. All connections to the electrical components shall include a minimum of 6" service loop of. All wiring connections shall utilize an easy plug-in style connectors.

All wiring shall be identified every 6" at a minimum. The wiring identification code shall be the position on the electronic control unit for easy maintenance and diagnosis. Wiring identification shall be clearly visible and shall be printed on the insulated wire. No stickers will be allowed.

Circuit Protection circuits shall be provided with properly rated low voltage overcurrent protective devices. Such devices shall be readily accessible and protected against heat in excess of the overcurrent device's design range, mechanical damage, and water spray. Circuit protection shall be accomplished by utilizing fuses, circuit breakers, fusible links, or solid-state equivalent devices.

The complete set of wiring schematics shall clearly identify all wiring locations, routing, and component connections. A sample document shall be available to the purchaser on request to examine the quality of the electrical schematic.

All instances of the wiring not conforming to the standards established in this document shall be documented at the time of the proposal. Failure to comply with this requirement shall be cause for rejection of the proposal.

The electrical panel shall be protected by a removable panel or a compartment door as previously described. It shall include in addition to the ECUs all block fuses and other electronic devices. For future upgradability, one (1) extra 15 amp 12VDC circuit breaker shall be provided. It shall be wired and shall be ready for a future programmable function with the multiplexing electrical system.

Dedicated grounding locations for all appliances, circuits, etc. shall be supplied. Appliance mounting screws/hardware shall not be used for grounding purposes, nor shall the body of the ambulance be used as a ground location. Star washers or unapproved, untested grounding methods shall not be used. OEM grounds shall not be used as grounding location for the conversion circuits.

The multiplex system shall incorporate an audible voltage warning should the system voltage at the battery or at the master load disconnect switch drops below 11.8VDC for a duration of 120 seconds for 12VDC nominal Systems. The multiplexing electrical system shall be programmed to automatically shed electrical load should the electrical output rating of the installed alternator drop below a programmed voltage level. Electrical components shall shed in order of priority.

External load management systems or load management systems not programmable shall not be considered as the purchaser requires this electrical system to be flexible and customizable.

Bidder Complies exactly as written Yes_____ No_____

A multiplex system interface cable for remote diagnosis shall be included. This includes a USB-to-CAN cable to enable connecting the Electric Control Center (ECC) to an on-site laptop.

Bidder Complies exactly as written Yes_____ No_____

MASTER MODULE DISCONNECT SWITCH OR DEVICE: This device shall be located on the driver's compartment console and shall be permanently labeled and back lighted with a LED light and the brightness controlled by the head light rheostat. The "MASTER" disconnect switch shall be considerably different in size and feel from the other console switches and of a heavy-duty nature in manufacture.

Bidder Complies exactly as written Yes_____ No_____

PATIENT COMPARTMENT CONTROLS: All switches and controls for the patient compartment shall be located on a service panel in the Action Area. The switches and controls shall be identical as referenced previously herein. These switches shall not function until the "MASTER" switch in the driver's console is in the "ON" position. The patient compartment switches shall be permanently marked and back lighted by a LED light.

Bidder Complies exactly as written Yes_____ No_____

ELECTROMAGNETIC RADIATION AND SUPPRESSION: The components must meet the KKK-A-1822-F specification. Documentation from an independent testing laboratory must be included with the bid.

Bidder Complies exactly as written Yes_____ No_____

BATTERY SYSTEM: The vehicle shall be supplied with a dual 12-volt battery system. Two OEM batteries. The battery system shall be wired in accordance with KKK-A-1822-F. The system must meet SAE J541 for starter circuit voltage drop. 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 circuits. When the ignition is shut off, a five-minute timer keeps the module powered up for unloading patients. A momentary rocker switch shall be installed which will disable the timer. It shall be labeled TIMER BYPASS. It shall be located on the driver's side of the cab console.

An additional 3rd battery shall be installed in the module with the vehicle as previously described. The group size shall be 27DC with 600 CCA and 750 CA.

Bidder Complies exactly as written Yes_____ No_____

INTERNAL 12 VOLT DC POWER: The patient compartment shall be furnished with a 12 volt DC, 20 ampere capacity, separately protected circuit, with two outlets.

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

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

Bidder Complies exactly as written Yes_____ No_____

USB STYLE PORT 5 VOLT DC POWER: The cab console panel and the action area panel shall be furnished with a 5-volt DC, 3 ampere capacity, separately protected circuit, with a Dual USB outlet.

Bidder Complies exactly as written Yes_____ No_____

SHORELINE INLET: A 20-amp Kussmaul shoreline shall be installed on the driver's side of the vehicle behind the S-2 access door. The shoreline shall be a Kussmaul Super Auto Eject with sealed casing. When the shoreline is plugged into an exterior source, all 120VAC 60Hz outlets shall be energized. The shoreline shall be recessed into the module and shall include a weather-proof low-profile cover.

One (1) TecNiq LED shoreline light shall be installed on the streetside of ambulance directly above the shoreline plug indicating a positive 120V electrical supply.

Bidder Complies exactly as written Yes_____ No_____

120 VOLT AC POWER OUTLETS: 120 volt AC utility power must meet KKK - A1822 - E. All 120VAC outlets shall be UL certified, Nema 5-15, clearly identified on the unit, rated to 60Hz and have a pilot light when powered. A 120VAC GFCI shall be installed beyond the shoreline and shall disable all 110VAC outlets when tripped. The GFCI shall be located in the Action Area for ease of consulting and/or resetting if needed.

Three (3) 120 VAC duplex outlets shall be installed in the patient compartment:

One Hospital-grade 120 VAC GFCI dual outlet with indicator light shall be installed in the Action Area as previously described.

One Hospital-grade 120 VAC dual outlet with indicator light shall be installed on lower curbside wall.

One Hospital-grade 120 VAC dual outlet with indicator light shall be installed in upper ALS area cabinet.

Bidder Complies exactly as written Yes_____ No_____

INVERTER/CHARGER: A XANTREX FREEDOM 1000W True sine wave 120 Vac inverter/charger with built-in transfer switch shall be installed. It shall power the 120VAC outlets. The wiring shall run from the power distribution center.

Bidder Complies exactly as written Yes_____ No_____

BATTERY CHARGER: A Progressive Dynamics, PD9130 or similar auto battery charger shall be installed. It shall be a 12 amp charger/conditioner.

Bidder Complies exactly as written Yes_____ No_____

ACTION AREA CONSOLE: There shall be a console in the action area of the rear patient compartment that houses the switches. The console shall be manufactured in the same style as the patient compartment and be angled so that the switches will be easily accessible for an EMT in the attendant seat. The console shall have an addition for glove storage.

Bidder Complies exactly as written Yes_____ No_____

ANTENNA CABLE INSTALLATION

COMMUNICATIONS RADIO ANTENNA COAX: This coaxial cable shall be RG58/U type. There shall be an 18 inch service loop at the mod roof and a 36 inch tail at the interior termination point. A tag shall specify the other termination point for each coax provided. The installation shall meet the requirements of Federal Specification KKK-A-1822-F.

Bidder Complies exactly as written Yes_____ No_____

ORIGINATION POINT: The Coaxial cable shall originate on the module roof. The port location shall be centered side to side and approximately 36" back from the front edge of the module roof.

TERMINATION POINT: The Coaxial cable shall terminate in the cab / drivers' cabin in the center console.

Bidder Complies exactly as written Yes_____ No_____

COMMUNICATIONS RADIO(S) RELATED RADIO POWER:

POWER SOURCE FOR COMMUNICATION RADIO(S) No 1: Positive and Negative polarity ten gauge wires shall be supplied and installed for subsequent installation of communications radio(s). The wires shall be barreled off and protected by a thirty (30) ampere automatic reset circuit breaker

Bidder Complies exactly as written Yes_____ No_____

POWER SOURCE: The power provision shall be fed off of the output of the conversion main power (Battery) switch.

Bidder Complies exactly as written Yes_____ No_____

LOCATION: The aforementioned power source shall be located in the center console, in the cab.

Bidder Complies exactly as written Yes_____ No_____

POWER SOURCE FOR COMMUNICATION RADIO(S) No 2: Positive and Negative polarity ten gauge wires shall be supplied and installed for subsequent installation of communications radio(s). The wires shall be barreled off and protected by a thirty (30) ampere automatic reset circuit breaker.

Bidder Complies exactly as written Yes_____ No_____

POWER SOURCE: The power provision shall be fed off of the output of the conversion main power (Battery) switch and located in the patient action area.

Bidder Complies exactly as written Yes_____ No_____

CAMERA MONITORING SYSTEM

The vehicle shall include a single camera backup monitoring system. The system shall include, but is not limited to a minimum 7" color monitor that is mounted within clear view of the driver, but not to obstruct view out the front windshield at eye level or impede operation or path of the OEM airbags. The monitor shall be connected to a camera mounted on the rear of ambulance body to allow the driver to view as they are backing up. Unless otherwise specified, the camera shall be mounted over the rear doors as close to the centerline of the vehicle as possible.

The system shall include a second camera (low profile) mounted in the patient area, hidden from plain view. A third and fourth camera shall be mounted to the right and left front fenders and shall show clear view of the lane to the right and left of this vehicle. The system shall include all the necessary cables and adapters to connect the system together with power as needed. The monitor shall automatically be tied in so that when the vehicle is placed in reverse, it will automatically illuminate the monitor and through the monitor controls shall allow for the monitor to be illuminated when the vehicle is in any gear

Bidder Complies exactly as written Yes_____ No_____

AUDIO WARNING SYSTEM

Two (2) Whelen 100-watt speakers shall be installed behind the OEM grill. They shall be securely mounted in an engineered housing to fit without modifying the chassis. This housing shall be designed not to restrict airflow or to reduce the effectiveness of the siren speaker. The housing should be wrapped in a sound deadening material and installed behind the grill to reduce interior sound levels.

Bidder Complies exactly as written Yes_____ No_____

SIREN / PUBLIC ADDRESS SYSTEM: The ambulance shall be equipped with hands free electronic siren with silent testing. The siren shall be a Whelen WS-295-SLSA1 and capable of driving the two (2) 100 watt speakers.

Bidder Complies exactly as written Yes_____ No_____

SIREN/HORN SWITCHING: The siren shall be capable of being switched through the vehicle OEM horn.

Bidder Complies exactly as written Yes_____ No_____

BACKUP ALARM: An OSHA approved backup alarm of 97 dB shall be installed. It shall activate when the vehicle is shifted into reverse. The alarm shall automatically be reset and engage when the vehicle is placed in reverse again. The device must meet SAE J994 requirements, and shall be rated (SAE) for Type C.

Bidder Complies exactly as written Yes_____ No_____

VEHICLE EXTERIOR LIGHTING

The basic exterior ambulance lighting shall comply with FMVSS standard number 108 and the requirement herein and include:

1. Amber front, rear directional signals, red brake and hazard warning lights.
2. Front and rear side marker lights.
3. Back up light(s).
4. Loading lights.
5. Clearance lights
6. Ambulance emergency lights.
7. Flood lights.
8. Spotlight(s)

Note: This agency is concerned for the safety of the patients, crew, and the public sharing the roadways. Therefore, this agency requires the primary manufacturer incorporate recessed DOT marker lights at the highest point of the vehicle. The marker lights shall be visible 360 degrees. In addition each corner marker light shall be visible 180 degrees, also at each corner the marker light lens cover shall be tilted upward on a 45 degree angle and be visible above the horizontal plane for 360 degrees. These measures will insure the vehicle will be visible in low light conditions with the headlights in the "on" position. **Bolt on upper clearance lights or clearance lights within the support side extrusions will not be acceptable.** The rear side marker light shall be a minimum of two inches in diameter and shall function as a turn signal indicator as described in KKK - A1822 - E.

Bidder Complies exactly as written Yes_____ No_____

EMERGENCY LIGHTING SYSTEM

The emergency lighting system must provide the vehicle with 360 degrees of visual warning ability The system must display highly perceptible and attention getting signals that function in a modal system and convey the message in the primary mode to clear the right of way. In the secondary mode it will convey the hazard that the vehicle is stopped on right of way.

These lights shall function in a dual mode system as shown in KKK-A-1822-F and meet the physical and photometric requirements of that same document.

Bidder Complies exactly as written Yes_____ No_____

As specified by KKK-A-1822-F all emergency light switches shall be labeled as specified and the primary/secondary mode switch(s) shall have an indicator light to show the driver which mode is activated. All warning light control switches, as described previously herein, shall be located in the driver control console and arranged to provide the warning signal modes and combinations as specified in KKK-A-1822-F. An independent testing laboratory will certify that the system meets these requirements. Test documents to be included with this proposal.

Bidder Complies exactly as written Yes_____ No_____

All emergency lights are to have clear lenses with colored LED's. Chrome finish bezel shall be installed on all emergency lights on the vehicle with rubber seal. All emergency lights are to be SAE Class 1 certified with hard-coated lenses that will minimize environmental damage from use.

Bidder Complies exactly as written Yes_____ No_____

Five (5) Whelen 900-Series lights [Red | Red | White | Red | Red] on front of ambulance body. There shall be a minimum of five (5) Whelen 900 series LED lights installed on front of ambulance body for primary warning. The lighting shall include a mix of four (4) red and one (1) clear Whelen 900 series LED lights as specified herein. The lights shall be equally spaced and aesthetic to complement the ambulance body and chassis.

Bidder Complies exactly as written Yes_____ No_____

Two (2) Whelen 700 Series LED red lights with bezels shall be installed on the fenders of the chassis. These lights shall be located in a forward position to provide adequate visibility at an intersection.

Bidder Complies exactly as written Yes_____ No_____

Two (2) Whelen 500 Series LED lights with chrome bezels shall be installed in the front grille. The grille lights shall not interfere with air flow into the chassis.

Bidder Complies exactly as written Yes_____ No_____

Four (4) Whelen 900 Series LED red warning lights with chrome bezels shall be installed on the side plane of the ambulance, two (2) on each side towards the corners.

Bidder Complies exactly as written Yes_____ No_____

Two (2) Whelen 700-Series red lights installed above rear wheel, one (1) each side tied into the emergency light flash pattern to provide additional side warning.

Bidder Complies exactly as written Yes_____ No_____

Four (4) Whelen 900-Series warning lights shall be installed on the rear of ambulance body, two each side. These four lights shall be for primary warning. Two shall be installed each side with the top most lights installed in the area above the rear doors toward each side of the body. The other two lights shall be installed each side approximately mid-height of the rear door windows. The lights shall be equally spaced and aesthetic to complement the ambulance body and chassis. The remaining top lights will be centered on the plane across the top rear of the body

For the top of the body, above the rear doors, the lighting configuration will be:
[Red | Load | Amber | Load | Red]

Bidder Complies exactly as written Yes_____ No_____

One (1) Whelen 700 Series LED amber warning light shall be installed above the rear doors, center of the top of the body and in the center plane of the other top warning lights. This light shall activate in conjunction with the other warning lights for the ambulance.

Bidder Complies exactly as written Yes_____ No_____

Four (4) Whelen 900 Series LED scene lights shall be installed on the side planes of the ambulance, two (2) each side inset and equal distance from the side warning lights. The scene lights shall project at a downward angle to allow for adequate lighting of the area surrounding the sides of the ambulance.

They shall be controlled independently for each side by a switch in the front console. The curbside scene lights shall also be activated when the side entry door is opened. This feature can be cancelled by pressing one (1) second on the door switch.

Bidder Complies exactly as written Yes_____ No_____

Two (2) Whelen 600 Series LED load lights with chrome bezels shall be installed on the rear plane of the ambulance, above the rear doors, equally spaced from the other rear warning lights and mounted center of the rear warning light plane across the top of the body. The load lights shall project at a downward angle to allow for adequate lighting of the area surrounding the rear of the ambulance.

They shall be controlled by a switch in the front console. The lights shall also be activated when the rear entry door is opened. This feature can be cancelled by pressing one (1) second on the door switch.

Bidder Complies exactly as written Yes_____ No_____

CLEARANCE LIGHTS: Fourteen (14) TecNiq LED clearance marker lights shall be installed on the ambulance. Seven (7) Amber clearance marker lights shall be installed on the front plane of the module, three (3) in the center and two (2) in the corners. Two (2) Amber ICC lights shall be installed on the side planes of the ambulance, one (1) on each side towards the front. Seven (7) red clearance marker lights shall be installed on the rear plane of the module, three (3) in the center and two (2) in the corners. Two (2) red ICC light shall be installed on the side planes of the ambulance, one (1) on each side towards the rear. The light output shall be 180 degree PC rated.

Bidder Complies exactly as written Yes_____ No_____

ADDITIONAL REAR SCENE LIGHT ACTIVATION: The rear scene lights on both the curbside and street side shall activate when the vehicle is placed into the reverse gear.

Bidder Complies exactly as written Yes_____ No_____

BRAKE OVERRIDE: Rear warning lights located below the uppermost rear warning lights shall turn on and not flash when the vehicle's brakes are activated.

Bidder Complies exactly as written Yes_____ No_____

WARNING LIGHT CONTROL: A warning light controller shall be installed and provide a flash pattern to meet KKK-1822 E specification for the ambulance warning light system.

Bidder Complies exactly as written Yes_____ No_____

HEAD LIGHT FLASHER: A Code 3, model 710 head light flasher shall be installed.

Bidder Complies exactly as written Yes_____ No_____

TAILLIGHT PACKAGE: There shall be a Whelen taillight package installed on the rear of the vehicle. The stop/tail lights shall be LED with a minimum of 32 square inches of lighted surface area. The turn signals shall be a 5" LED arrow shaped design. The backup lights shall be LED. All three lights per side shall be in a common housing or equally spaced and centered in the plane from side to side if in separate housings. A waterproof connection to the OEM tail light harness is required.

Bidder Complies exactly as written Yes_____ No_____

MODULE HEADLINER: The module headliner shall be manufactured out of expanded PVC material. The liner shall be white and installed to allow flush mounting of the interior lighting. The headliner shall include the two plenums that run from the HVAC system to the ducts in the ceiling. This system shall maximize the air flow coming from the ducted HVAC system designed to flow between 200-250 cubic feet of air flow per minute.

Bidder Complies exactly as written Yes_____ No_____

VEHICLE INTERIOR LIGHTING: Six (6) round LED dome lights shall be installed in the ceiling of the patient compartment. The LED lights shall be controlled via switches on the rear control panel. Three (3) LED lights of the patient compartment curbside shall be illuminated when the patient compartment entry doors are opened. The overhead shall have at least two levels of intensity, a high and low settings. The attendant shall be able to control the level of light via switches in the action area control panel. The dual lighting shall work together or may be separately selected from side to side. The three lights over the primary patient shall illuminate on the low setting when the side modular or rear modular doors are open. Certification shall be provided by an independent testing laboratory with this proposal.

Bidder Complies exactly as written Yes_____ No_____

ACTION AREA LIGHT: A twelve-volt direct current LED light with integral switch shall be provided in the attendant action area. The light shall be a Kinequip 621224W model or equal thereto.

Bidder Complies exactly as written Yes_____ No_____

COMPARTMENT LIGHTING: LED Hi-Brite Flex lighting shall be installed in all compartments to provide for compartment lighting.

Bidder Complies exactly as written Yes_____ No_____

CONDUIT: A 1.25 inch diameter Conduit shall be installed and shall run from compartment E to behind the action area. This conduit will support installation of additional equipment and specifically an additional communications radio head in the action area.

Bidder Complies exactly as written Yes_____ No_____

CLOCK: An Intellitec clock shall be installed at an appropriate location in the action area.

Bidder Complies exactly as written Yes_____ No_____

LED READING LIGHT IN ACTION AREA: One (1) LED reading light shall be installed in the action area that has a minimum 150 lumens of white light to assist with illumination of the action area.

Bidder Complies exactly as written Yes_____ No_____

PATIENT STATUS INDICATOR LIGHTS: A patient status indicator, with red, yellow and green indicators to the ambulance driver will be controlled and actuated through the module control located in the action area. The Patient indicator lights will be easily viewable by the ambulance driver in the cab of the vehicle.

Bidder Complies exactly as written Yes_____ No_____

STEREO SPEAKERS: Two stereo speakers shall be installed in the liner of the rear patient compartment. There shall be a volume control via rheostat in the action area.

Bidder Complies exactly as written Yes_____ No_____

SUCTION SYSTEM: One (1) SSCOR suction system shall be installed in the patient compartment. The suction pump shall be located behind the street side cabinetry and be easily accessible for maintenance. It shall be securely mounted with rubber pads to eliminate any unnecessary noise. A vacuum indicator gauge ranging from 0 to 760 mm Hg shall be provided. This system shall comply with Federal Specifications KKK-A-1822-F.

Bidder Complies exactly as written Yes_____ No_____

SUCTION ASPIRATOR: The ambulance shall be equipped with an on board vacuum aspirator. The unit shall be mounted on the action area wall above the action area tray to collect any bio fluids that may be spilled. The unit shall be a SSCOR 22000 with a 23002 stainless steel container holder with canister clip. The container shall be disposable and the regulator panel shall be located in the action area panel. The vacuum pump shall be installed via a twelve-volt direct current system. The on/off switch shall be located in the attendant's console.

Bidder Complies exactly as written Yes_____ No_____

ACOUSTIC AND CLIMATE INSULATION: The primary 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 be insulated with three-inch-thick temperature rated un-faced fiberglass with a value of R-11. Fiberglass has been proven to provide excellent sound and thermal barrier over other materials. Fiberglass insulation is safe and widely used in the automotive and construction industry.

Bidder Complies exactly as written Yes_____ No_____

OVERHEAD GRAB RAIL: An overhead grab rail shall be installed in the patient compartment head liner. The grab rail shall be yellow powder coated stainless steel and handicapped style with rounded ends. The grab rail shall be a minimum of 61 inches long and 1 inch in diameter and shall be mounted in a recess in the liner.

Bidder Complies exactly as written Yes_____ No_____

REAR ENTRY DOOR GRAB HANDLES: Two (2) handrails shall be installed at the rear access doors to allow ease of entry into the patient compartment. The hand rails shall be 90 degree “L” shaped 16” x 16”. These handles shall be designed to give the persons exiting and entering the patient compartment multiple points of contact to maintain safe entry and exit of the vehicle. The access handrails shall be installed on the top and lower interior door panels through mounting plates in the door extrusions. Hand rails attached through the door panel only are not accepted as they have a tendency to pull loose after an extended period of time.

Bidder Complies exactly as written Yes_____ No_____

OXYGEN MAIN SUPPLY AND INSTALLATION: The ambulance shall have a hospital type piped oxygen system capable of storing and supplying at least three thousand 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 quick connect surface mounted oxygen outlets with one located in the action area and one located on the curbside wall at the head of the squad bench. The oxygen system will incorporate electrically conducted oxygen hose with a working pressure of one hundred and fifty pounds per square inch. All oxygen hose and outlets will use machine crimped brass ferrules and high-pressure connectors. The entire oxygen delivery system will be pressured tested with a minimum of one hundred and fifty pounds per square inch of pressure of nitrogen gas for a period of four hours. The testing documentation will be delivered with the vehicle.

A vacuum port shall also be located in the action area to supply the vacuum to the suction container.

An O2 to Go oxygen loading system with detachable ramp shall be included for the ambulance. This system shall permit easy loading and unloading of the main oxygen cylinder for the ambulance. The cart for same shall be appropriately size with sufficient wheels to provide for type “M”, “S” or “H” oxygen cylinders. The oxygen cylinder mounting system shall be ensure that the cylinder is retained during normal and adverse driving conditions.

The oxygen cylinder regular shall be a preset 50 PSI and installed, ready for use.

Bidder Complies exactly as written Yes_____ No_____

OXYGEN WRENCH: An oxygen wrench shall be located in the oxygen compartment. The wrench shall be tethered so that it will not become lost.

Bidder Complies exactly as written Yes_____ No_____

PORTABLE OXYGEN BRACKETS: Two (2) type “D”/”E” size oxygen cylinder tank brackets shall be installed on the side of the ALS cabinet in the pass through. Retention shall be provided by a strap with adjustable hook and buckle system.

Bidder Complies exactly as written Yes_____ No_____

COT CONFIGURATION: A Stryker crash stable, single-position cot fastener shall be installed on the module floor to accommodate a Stryker Power-Load series cot. The cot will be in the center mounting position. The floor structure shall have aluminum mounting plates installed to secure the cot floor mounting plate. Backer plates that are not integral to the floor structure shall not be permitted as of these may have a tendency to vibrate loose over time.

Bidder Complies exactly as written Yes_____ No_____

POWER LOAD PRE-WIRE: The ambulance shall be pre-wired for installation of a Stryker Power-Load Series Cot. This shall include a complete wiring setup to enable a fully functioning Power-Load system that this agency will install separately from this solicitation.

Bidder Complies exactly as written Yes_____ No_____

IV HOOKS: There shall be four (4) Perko IV Holders with straps provided which shall be as specified in Federal Specification KKK-A-1822-F. Two (2) holders shall be placed in the upper areas above the streetside and curbside cabinetry, thereby creating minimal protrusion into the patient compartment when not in use.

Bidder Complies exactly as written Yes_____ No_____

CABINET KICKPLATE: A brushed stainless steel kick plate shall be installed on the forward side of the squad bench near the curbside patient entry door. The kick plate shall provide protection to the squad bench cabinet.

Bidder Complies exactly as written Yes_____ No_____

SEAT BELTS: Two seatbelt assemblies shall be installed on the squad bench. The two (2) 4-point harness system shall be fully retractable and utilize four retractors for increased mobility. The restraint shall feature **controlled deceleration technology** and a **single buckle** for single point-of-release. The restraint shall meet the requirements of FMVSS 209 and 302 standards. The restraint shall have a built-in indicator to signify that the webbing has undergone a severe load and needs to be replaced.

Bidder Complies exactly as written Yes_____ No_____

PATIENT RESTRAINT BELTS: There shall be three patient restraint belts that shall be retractable for a secondary patient on the squad bench. The restraint shall meet the requirements of FMVSS 209 and 302 standards.

Bidder Complies exactly as written Yes_____ No_____

AMBULANCE MODULE INTERIOR

INTERIOR SURFACES: All vertical edges of cabinets shall be of an aluminum extrusion with a $\frac{3}{4}$ inch radius designed to free the interior of the patient's compartment of all sharp edges or projections. There shall be no voids in the cabinet surfaces.

Bidder Complies exactly as written Yes_____ No_____

CABINET CONSTRUCTION

The interior cabinets, squad bench assembly, shelves and doors shall be constructed of white powder-coated aluminum.

The squad bench lid shall be attached to the squad bench assembly via a stainless-steel piano hinge the entire length of the bench. The squad bench shall be equipped with a locking device to automatically secure the lid upon closing.

The doors on the upper cabinets shall be surface mounted with European hinges and 3mm edge banding. The doors on the center and lower cabinets shall be flush mounted using continuous stainless steel piano hinge and a 3 mm edge banding. All doors and cabinet openings shall be covered with a 3 mm edge banding with radius edges.

Bidder Complies exactly as written Yes_____ No_____

INTERIOR SURFACES COLOR: White

Bidder Complies exactly as written Yes_____ No_____

CABINET DOORS: The cabinet doors, unless otherwise specified herein, shall be a grey polycarbonate slider. The door handles shall be self-latching when closed. The doors shall have integral handles incorporated in the frame of the door to permit and provide one hand operation. The doors shall meet SAE J3058.

Bidder Complies exactly as written Yes_____ No_____

CABINET LAYOUT: Final cabinet layout will be determined and specified during the pre-construction conference but will generally consist of the following design. Two cabinets will be located in the front right of the patient compartment adjacent to the curbside door. These two cabinets will be of approximately 1/3 and 2/3 heights. The upper cabinet of the lower 2/3 cabinet will have both 12 VDC and 110 VAC outlets flush mounted inside for ALS equipment charging, etc. The uppermost cabinet in this location, above the previously specified cabinet will house the Heating and Air Conditioning unit for the module.

The driver side / primary patient side cabinet layout will maximize use of cabinet space in addition to a CPR seat on this side of the cabin. All cabinets located here will utilize the doors as previously specified except the secure storage area.

Above the action area and at the front most part of the cabin will be a cabinet with approximate dimensions of 17.5 inches high, 28 inches wide and have a depth of 18 inches. The door to this cabinet will be solid and in

addition to the cabinet handle will have a simplex lock installed for securing necessary items. This cabinet will serve as the narcotic cabinet for the unit with access from inside the ambulance only.

Adjacent to this locked cabinet, left side, and above the action area will be an additional cabinet of approximately the same height between the ducting and action area that extends the length of the action area with doors as previously described herein.

To the left of the action area and approximately above the vehicle wheel well, the CPR seat with four-point harness will be installed. The CPR seat will have cushioned protection in the seat, backrest, headrest and to each side of the headrest extending the length of each side on the cabinets, with cushioning as described further herein, to provide for protection to the attendant seated here.

Final configuration of the remaining space near the rear doors will be determined at the pre-construction conference but cabinets are highly desirable and shall include passthrough to the outer door.

Bidder Complies exactly as written Yes_____ No_____

SQUAD BENCH CABINET: The squad bench cabinet shall be located on the curb side of the patient compartment over the rear wheel well. The squad bench shall be a minimum of 72 inches long. The lid shall be attached to the squad bench assembly via a stainless steel piano hinge the entire length of the bench. The hinge shall attach with fasteners in a vertical position through the face of the lid and not through the edge of the cabinet and lid. The squad bench shall be equipped with a locking device to automatically secure the lid upon closing. The squad bench shall be furnished with two sets of four (4) Point safety harnesses for seated occupants and three two (2) point belts for the retention of a cot when positioned on the squad bench. The anchorages for the side facing seat belt assembly shall withstand a minimum of 2,500 pounds force when tested in accordance with FMVSS 210-S5.1. A full-length cushion shall be installed on the squad bench lid and on the wall as a back rest and head rest. The interior of the squad bench shall provide storage the full length of the bench. At the head of the squad bench shall be a built in trash disposal area. A trash can shall be accessible under a red flip up lid, and a sharps container's opening shall be accessible through a cutout in the squad bench lid. Both the trash can and the sharps container may be removed from the squad bench by lifting up a sectioned portion of the squad bench lid.

Additionally, 12 spare plastic waste bin liners will be supplied with the waste bin.

Bidder Complies exactly as written Yes_____ No_____

SQUAD BENCH LATCH: The squad bench lid shall be secured with a paddle handle that latches automatically when the squad bench lid is closed. The latch shall hold the lid secure during transit and shall not open unless the handle is lifted.

Bidder Complies exactly as written Yes_____ No_____

RESTRAINT NET: A detachable net shall be installed at the head of the squad bench. In the event of sudden stop or frontal accident, the design intent of the net is to minimize injuries to unbelted personnel seated on the squad bench. The net is a safety barrier between the occupant/personnel and the bulkhead cabinetry. The net shall be a grid of 2-inch-wide safety web, spaced on maximum centers of 8 inches.

The net shall be secured at a minimum of five (5) points.

All Restraint Net attachment devices shall be aviation quality and pull strength tested. A 2,000-pound force applied in shear (Horizontally). Detachment of the net shall be done without the need for a removal or installation tool(s). Each device shall feature a cadmium plated steel attachment ring that is forged in one continuous ring, without a split or seam. Each device shall be sewn onto the net webbing with a 1 3/4-inch square shaped thread path and diagonal X-shaped thread path to assure web to ring security.

Bidder Complies exactly as written Yes_____ No_____

ACTION AREA TRAY: The top of the action area cabinet shall provide a clean work area. The countertop shall be one piece with a one-inch lip around the tray. It shall be a powder coated aluminum countertop.

Bidder Complies exactly as written Yes_____ No_____

ACTION AREA: The action area shall provide for easy access to switches located therein from the attendant seat and squad bench. The switches shall be located in an angled cabinet on the back wall of the action area.

Bidder Complies exactly as written Yes_____ No_____

INVENTORY CONTROL FOR CABINETS: A small hole shall be drilled into the bottom of the extruded aluminum handle of each restocking cabinet and an aluminum eyelet screwed to the interior cabinet frame at the bottom of the frame to allow for security tabs to be utilized. This system will prevent the restocking door from lifting and the doors sliding open.

Bidder Complies exactly as written Yes_____ No_____

FLOOR COVERING: Lonseal Lon Plate II floorings shall be installed in the completed ambulance. The non-slip floor covering shall be rolled at least 5" up both sides of the patient compartment. This floor shall be rolled on the coved floor extrusion and shall be adhered at every point of the floor cove giving a tight secure fit that will not bubble or prematurely tear. The floor shall be a one (1) seamless piece and shall be able to be cleaned without having to purchase special or potentially harmful cleaning agents. This roll up floor shall cover the entire length and width of the compartment's working area. Areas in the floor where the sidewalls and floor meet shall be sealed to prevent any blood borne pathogens from entering.

The specification is for Lonplate II Midnight # 443TXM Flooring that will meet FMVSS 302: CFR § 571.302 and ASTM F1303 Classification – Type I, Grade 1, Class B, Commercial use. The pattern shall be diamond, solid with an embossed finish.

Bidder Complies exactly as written Yes_____ No_____

NON-SLIP COATING: There shall be a non-slip coating applied to the entry steps for crew and patient safety. It shall be a clear base solvent of an acrylic epoxy resin type for interior/exterior exposure conditions.

Bidder Complies exactly as written Yes_____ No_____

ATTENDANT SEATING: One (1) - Automotive style thermoformed seamless attendant's seat shall be installed at the head of the cot. The attendant's seat shall have a 4-point harness vac-form, seamless ambulance attendant with an integrated child restraint system. The attendant seat will meet or exceed all applicable FMVSS and SAE Standards. It will be of seamless construction to meet all applicable KKK-A-1822F standards.

Bidder Complies exactly as written Yes_____ No_____

ATTENDANT SEAT BASE: A standard height two position swivel base shall be installed for the attendant seat. It will lock in the forward and rearward positions and swivel 360 degrees.

Bidder Complies exactly as written Yes_____ No_____

UPHOLSTERY: The finish of the entire patient's compartment, including storage cabinets and equipment, shall be impervious to soap and water, disinfectants, bio fluids, mildew and shall be fire resistant per FMVSS 302. Upholstered cushions shall be a minimum of thirty-two-ounce nylon reinforced commercial vinyl material. Squad bench cushions and attendant seat and backrest cushions shall be fabricated in such a manner to eliminate exposed welting. Cushions with welting or beaded seams shall not be accepted due to the risk of bio fluid penetration. The color of the upholstery shall be black.

Bidder Complies exactly as written Yes_____ No_____

CUSHIONS: On the squad bench wall, in addition to the cushion for the bench, will be backrest and headrest cushions that extend the length of the squad bench, in black, to match the upholstery. These cushions will be seamless as previously described.

Bidder Complies exactly as written Yes_____ No_____

STANDARD MANDATORY MISCELLANEOUS EQUIPMENT

Unless otherwise precluded elsewhere in this specification the vehicle shall be equipped with the following:

*One five-pound fire extinguisher that is ABC dry chemical multipurpose with a quick release bracket. The extinguisher shall be mounted in the cab of the vehicle behind the driver's seat on the rear bulkhead wall. A black aluminum bracket shall be installed to hold and retain same.

*One five-pound fire extinguisher that is ABC dry chemical multipurpose with a quick release bracket. The extinguisher shall be mounted in the S3 compartment of the vehicle on the lower shelf. A black aluminum bracket shall be installed to hold and retain same.

*No smoking oxygen equipment signs conspicuously placed in the cab and patient compartment.

Bidder Complies exactly as written Yes_____ No_____

AMBULANCE STRETCHER: No stretcher or cot shall be included with the ambulance bid. The aforementioned cot mounting plate and pre-wiring is included for a Stryker Power Load system to be installed by the Neshoba County Ambulance Enterprise as a separate scope of work.

Bidder Complies exactly as written Yes_____ No_____

DELIVERY: The vehicle shall be delivered upon its own power to the Neshoba County Unit Facility Building at 11901 Highway 15 North, Philadelphia, Mississippi. Costs of transportation and preparation are to be included with the price as bid. The primary manufacturer will provide in writing to accompany this document a proposed delivery time. The delivery time proposal will include the transit time of the finished vehicle.

Bidder Complies exactly as written Yes_____ No_____

PAYMENT TERMS: Upon delivery and receipt of the complete unit with all equipment as specified and the Certificate of Origin for the Vehicle or in lieu thereof, the Application for Title, Neshoba County will present payment of accrued EMSOF Grant funds by check in the amount of funds available the date of delivery to the vendor. Anticipating the units will be paid for upon delivery, an invoice is required in advance of delivery to ensure the most expeditious processing for payment from the County. If these payment terms are not acceptable, you cannot provide the Certificate of Origin for the vehicle upon delivery for Neshoba County to obtain the vehicle title with lienholder or provide Application for Title with Lienholder specified upon delivery in lieu of Certificate of Origin and cannot trust to do business with Neshoba County, Mississippi – DO NOT SUBMIT A BID IN RESPONSE TO THIS SOLICITATION.

Bidder understands payment terms exactly as written YES_____ NO_____

WARRANTY: This agency is concerned with the ability of the primary manufacturer to warrant the conversion after delivery. This agency expects a minimum of a fifteen (15) year modular construction warranty and twelve (12) months and twelve thousand (12,000) mile full warranty on the conversion. In addition, each manufacturer shall submit their various warranties and warranty options, if applicable, with the proposal for evaluation. Also, each primary manufacturer will supply the name and phone number of a contact person in the event this agency requires clarification of the submitted warranty documents.

Bidder Complies exactly as written YES_____ NO_____

TECHNICAL ASSISTANCE SERVICE: Due to the high demands on a pre-hospital care vehicle, this agency demands the primary manufacturer have available a twenty-four hour a day technical assistance service. This 24/7 service must be staffed by the primary manufacturer's service personnel, include telephone number:

Technical Assistance Telephone Number - _____

Bidder Complies exactly as written YES_____ NO_____

WARRANTY CENTERS: The primary manufacturer will provide the location of the closest approved warranty center(s). Indicate to this agency, in writing, to be included with this proposal; the process to initiate and file a warranty claim.

LIST WARRANTY CENTERS

COMPANY NAME: _____

ADDRESS _____

CITY, STATE, ZIP _____

CONTACT _____

PHONE (_____) _____

FAX (_____) _____

COMPANY NAME: _____

ADDRESS _____

CITY, STATE, ZIP _____

CONTACT _____

PHONE (_____) _____

FAX (_____) _____

Signature required verifying above warranty statements _____

**NESHOBA COUNTY REVERSE AUCTION BID PREPARATION FORM
AMBULANCE BID PROPOSAL FORM**

**THIS FORM IS FOR USE IN PREPARING YOUR REVERSE AUCTION BID
AND SHOULD NOT BE SUBMITTED WITH THE SPECIFICATIONS – IT SHOULD BE
SUBMITTED WITH YOUR REVERSE AUCTION BID**

We are pleased to submit the following bid for:

YEAR MODEL: _____ AMBULANCE MFG: _____

PRICE COMPLETE, AS SPECIFIED: \$ _____ (per vehicle)

PRICE COMPLETE, AS SPECIFIED – TWO (2) UNITS: \$ _____ (total bid)

F.O.B. POINT: **DELIVERED TO PHILADELPHIA, MS**

DELIVERY (Calendar Days Only): _____

BID IS: _____ as per specifications, taking no exceptions.
_____ taking only those specifications exceptions listed by letter attached and referenced to
page numbers specified (no alternate bids accepted)

NAME OF BIDDER: _____

FEIN: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

TELEPHONE: _____ TOLL FREE: _____

PERSON TO CONTACT REGARDING THIS BID: _____

The undersigned bidder agrees that the signature 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 parties and agreement to payment terms as specified. Additionally, by signing this bid, the bidder warrants that there was no collusion of any kind in submission of this bid.

SIGNED: (sign manually, in ink) _____

NAME PRINTED: _____ TITLE: _____