

CITY OF GRETNA

ADVERTISEMENT FOR BIDS

Sealed bids will be received by the Mayor's Office of the City of Gretna, Louisiana for **One (1) New Type 1, Class One (4x2), Configuration A Ambulance and Equipment.**

Bids will be received in City Hall, 740 Second Street, Gretna, Louisiana, 70053 or electronically through website www.publicpurchase.com **until 10:00 A.M. on Thursday, August 10, 2017**, at which time bids will be publicly opened and read aloud. Any bid received after closing time will be returned unopened.

Copies of specifications and other contract documents are on file at the City Hall in Gretna, Louisiana, and are open for public inspection.

No bid may be withdrawn for at least thirty (30) days after the scheduled closing time for receipt of bids.

For questions concerning the electronic bidding process please contact Public Purchase at www.publicpurchase.com and click on the live chat button (top left of home page). For all other questions or requests contact Betsy Morgan at bmorgan@gretnala.com or (504) 363-1566.

The City reserves the right to reject any and all bids and to waive informalities.

CITY OF GRETNA, LOUISIANA

(S) BELINDA C. CONSTANT

MAYOR

ADVERTISE: The Times Picayune

July 5, 2017

July 12, 2017

July 26, 2017

August 2, 2017

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Attachment A

Instructions to Bidders

Sealed bids will be received by the City of Gretna in the Mayor's Office at Second Street and Huey P. Long Ave, Gretna, Louisiana or electronically through website www.publicpurchase.com **until 10:00 A.M. on Wednesday, July 19, 2017**, and at that time, will be opened and publicly with only bidders name and bid amount **One (1) Type 1, Class One (4x2), Configuration A Ambulance and Equipment.**

No bidder may withdraw his bid after the hour set for opening unless and until award of the bid has been delayed for a period exceeding 30 days.

Bids must be addressed to the City of Gretna, Mayor's Office, P.O. Box 404, Gretna, Louisiana, 70054, and must be clearly identified as to Name of Bid, and Date and Time of bid opening. Any bid received after the time and date set for filing shall be returned to the bidder unopened.

The forms furnished as a part of the specifications must be used for filing of the bid. They must be signed by the bidder and must not be detached from the specifications of which they form a part.

The bidder shall be solely responsible for the timely furnishing of bids. In order to guarantee the timely furnishing of bids, the bid should be returned by certified or registered mail or hand delivered to the Office of the Mayor of the City of Gretna.

Only bids written in ink or typed, and properly signed by a member of the firm or authorized representative will be accepted. Pencil figures or the absence of signatures will disqualify the bidder.

All bids are to be submitted to the City of Gretna, together with such information as is required herein. Each proposal must be accompanied by a signed and notarized non-collusion affidavit and a corporate resolution if a corporation.

Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality provided brand names and stock numbers are specified, and complete product data is submitted with bid. Failure to provide such data sheets and specifications may disqualify the bid as the bid will be unable to be evaluated. If any brand name specified is unchanged by bidder, it will be assumed that specified brand is being offered.

Prices quoted must be F.O.B. Gretna, Louisiana.

The City of Gretna, in making its award, will consider the all-around utility as well as the price and will not necessarily accept the lowest priced item offered. The City of Gretna reserves the right to reject any and/or all bids and to waive any informalities.

The City of Gretna reserves the right to select any part of the bid or the whole bid as well as to reject any and/or all bids. The City of Gretna reserves the right to reject any and/or all material which in its

opinion is not in accordance with the terms and conditions of these specifications and its decision shall be final and conclusive.

The undersigned bidder hereby certifies that he has read the advertisement for bids, instructions to bidders, and all specifications, and in case he is selected and awarded the privilege and right herein contemplated, will proceed to do all things within the proposal presented to the City of Gretna. Bidder further certifies that he understands and accepts the fact that all bids are to be received in the Mayor's Office, Gretna City Hall, 740 Second Street, Gretna, Louisiana 70053.

COMPANY NAME

COMPANY ADDRESS

CITY STATE ZIP CODE

AUTHORIZED SIGNATURE

TITLE

DATE

TELEPHONE NUMBER

FAX NUMBER

E-MAIL ADDRESS

WEBSITE

Attachment B
AFFIDAVIT

STATE OF LOUISIANA

PARISH OF JEFFERSON

BEFORE ME, THE UNDERSIGNED AUTHORITY, PERSONALLY CAME AND APPEARED _____, WHO AFTER BEING BY ME DULY SWORN, DEPOSED AND SAID THAT HE IS THE FULLY AUTHORIZED _____ OF _____

(HEREIN AFTER REFERRED TO AS BIDDER) THE PARTY WHO SUBMITTED A BID FOR _____ WHICH BID WAS

RECEIVED BY THE CITY OF GRETNA ON _____ AND SAID AFFIANT FURTHER SAID:

- (1) THAT BIDDER EMPLOYED NO PERSON, CORPORATION, FIRM, ASSOCIATION, OR OTHER ORGANIZATION, EITHER DIRECTLY OR INDIRECTLY, TO SECURE THE PUBLIC CONTRACT UNDER WHICH HE RECEIVED PAYMENT, OTHER THAN PERSONS REGULARLY EMPLOYED BY THE BIDDER WHOSE SERVICES IN CONNECTION WITH THE CONSTRUCTION OF THE PUBLIC BUILDING OR PROJECT OR IN SECURING THE PUBLIC CONTRACT WERE IN THE REGULAR COURSE OF THEIR DUTIES FOR BIDDER; AND

- (2) THAT NO PART OF THE CONTRACT PRICE RECEIVED BY BIDDER WAS PAID OR WILL BE PAID TO ANY PERSON, CORPORATION, FIRM, ASSOCIATION, OR OTHER ORGANIZATION FOR SOLICITING THE CONTRACT, OTHER THAN THE PAYMENT OF THEIR NORMAL COMPENSATION TO PERSONS REGULARLY EMPLOYED BY THE BIDDER WHOSE SERVICES IN CONNECTION WITH THE CONSTRUCTION OF THE PUBLIC BUILDING OR PROJECT WERE IN THE REGULAR COURSE OF THEIR DUTIES FOR BIDDER.

- (3) SAID BID IS GENUINE AND THE BIDDER HAS NOT COLLUDED, CONSPIRED OR AGREED DIRECTLY OR INDIRECTLY WITH ANY OTHER BIDDER TO OFFER A SHAM OR COLLUSIVE BID.

- (4) SAID BIDDER HAS NOT IN ANY MANNER DIRECTLY OR INDIRECTLY AGREED WITH ANY OTHER PERSON TO FIX THE BID PRICE OF AFFIANT OR ANY OTHER BIDDER, OR TO FIX ANY OVERHEAD PROFIT OR COST ELEMENT OF SAID BID PRICE, OR THAT OF ANY OTHER BIDDER, OR TO INDUCE ANY OTHER PERSON TO REFRAIN FROM BIDDING.
- (5) SAID BID IS NOT INTENDED TO SECURE AN UNFAIR ADVANTAGE OR BENEFIT FROM THE CITY OF GRETNA OR IN FAVOR OF ANY PERSON INTERESTED IN THE PROPOSED CONTRACT.
- (6) ALL STATEMENTS CONTAINED IN SAID BID ARE TRUE AND CORRECT.
- (7) NEITHER AFFIANT NOR ANY MEMBER OF HIS COMPANY HAS DIVULGED INFORMATION REGARDING SAID BID OR ANY DATA RELATIVE THERETO TO ANY OTHER PERSON, FIRM OR CORPORATION.
- (8) SAID BIDDER DOES NOT OWN A SUBSTANTIAL FINANCIAL INTEREST IN ANY FIRM FURNISHING MATERIALS FOR THE CONSTRUCTION OF BID PROJECT.

SWORN TO AND SUBSCRIBED

BEFORE ME ON THIS _____

DAY OF _____, 2017.

NOTARY PUBLIC

Attachment C
CORPORATE RESOLUTION

EXCERPT FROM THE MEETING MINUTES OF THE BOARD OF DIRECTORS OF _____ INC. AT THE MEETING OF DIRECTORS OF _____, DULY NOTICED AND HELD ON _____, 20____, A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED, IT WAS RESOLVED, THAT _____, BE AND IS HEREBY APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING CONCERNS AND TRANSACTIONS WITH THE CITY OF GRETNA OR ANY OF ITS AGENCIES, DEPARTMENT, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES, CONTRACT AND ACTS AND TO RECEIVE AND RECEIPT THEREFORE ALL PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING AND ACCEPTING EACH AND EVERY SUCH ACT PERFORMED BY THE SAID AGENT AND ATTORNEY-AT-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE AND CORRECT COPY OF AN EXCERPT OF THE MINUTES OF THE ABOVE DATED MEETING OF THE BOARD OF DIRECTORS OF SAID CORPORATION, AND THE SAME HAS NOT BEEN EVOKED OR RESCINDED.

SECRETARY-TREASURER

DATE

APPROVED:

PRESIDENT

Attachment D
BID PAGE

One (1) New Type 1, Class One (4x2), Configuration A
Ambulance and Equipment

Total Bid Amount:

In Words: _____

In Figures: \$ _____

Total Number of Days Required for Delivery to Gretna, LA:

In Words: _____ **days**

In Figures: _____ **days**

Attachment E
SPECIFICATIONS FOR BID

The City of Gretna is soliciting competitive, sealed bids from qualified vendors for the purchase of One (1) New, Type I, Class One (4 x 2), Configuration A Ambulance for Gretna Police Department. The 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 (FMVS.), National Truck Equipment Association (NTEA) Ambulance Manufacturer's Division (AMD) standards and Ford Qualified Vehicle Modifier (QVM) Program or Comparable Truck Guidelines.

GENERAL CONDITIONS:

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 the city, borough, county, parish, state or private enterprise and has been charged with the responsibility of purchasing one or more emergency medical vehicle(s).

Does your bid meet exactly as specified 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".

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified 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 spec. 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.

Does your bid meet exactly as specified 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. Verbal clarifications shall be documented in writing and distributed to all other qualified bidders at least

two business days prior to the deadline for bid submission.

Does your bid meet exactly as specified 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 he 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.

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified YES_____ NO_____

BID PACKAGES 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.

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.

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.

Does your bid meet exactly as specified YES_____ NO_____

VENDOR QUALIFICATIONS:

FORD QVM OR COMPARABLE PROGRAM: All Bidders shall be members in good standing of the Ford Motor Company's Qualified Vehicle Modifier Program (QVM) or comparable program. Each bidder shall supply a copy of their valid QVM Certification with their bid package. If for any reason the QVM Certification has been withdrawn or suspended by Ford Motor Company or comparable 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 QVM Certification.

Does your bid meet exactly as specified YES_____ NO_____

PRODUCT LIABILITY INSURANCE: Proof of current liability insurance shall be supplied. The proof of insurance shall bear the insurance carrier's name, address and phone number. The proof shall also bear the name and address of the insured. This document shall contain the coverage schedule,

explaining the type of insurance, the policy number, the effective date of coverage, the policy expiration date and the individual limits. The minimum amount of coverage shall be as follows:

- Commercial General Liability - as follows:
 - Each Occurrence: \$1,000,000
 - Damage to rented premises, each occurrence: \$300,000
 - Medical Expenses: \$5,000
 - Personal and Adv Injury: \$1,000,000
 - General Aggregate: \$4,000,000
 - Products - Comp/OP Agg: \$4,000,000
- Automotive Liability - Combined Single Limit: \$1,000,000
 - Comp/Coll Ded: \$1,000
- Excess Liability - Umbrella Form
 - Each occurrence: \$5,000,000
 - Aggregate: \$5,000,000
 - Excess Liability: \$20,000,000
- Workers Compensation and Employers' Liability
 - E.L. Each Accident: \$1,000,000
 - E.L. Disease policy - Each Employee: \$1,000,000
 - E.L. Disease - Policy Limit: \$1,000,000

Does your bid meet exactly as specified 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. 16811683, 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) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing;
- (i) Any other nondiscrimination provisions in any specific statute(s) applicable to any Federal funding for this Agreement;
- (j) The requirements of any other nondiscrimination statute(s) which may apply to this agreement.

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified YES_____ NO_____

QUALITY MANAGEMENT SYSTEM REGISTERED: The manufacturer shall have a registration for ISO 9001(TM): 2008 for their Quality Management System (QMS). The QMS provides establishment, documentation, implementation, maintenance and improvement of management systems that impact the final quality of the product. Registration of the vendor's QMS demonstrates an enduring commitment to quality, a sharp focus on the customer, and robust communication throughout the product process chain to the customer. This registration provides for oversight with routine inspection of the QMS to maintain certification status. Proof of certification shall be readily available upon demand. Proof of Certification shall be provided with bid during initial bid process

Does your bid meet exactly as specified YES_____ NO_____

NATIONAL TRUCK EQUIPMENT ASSOCIATION TESTING

AMD 001 - AMBULANCE BODY STRUCTURE STATIC LOAD TEST: The ambulance described herein shall be type tested to the National Truck Equipment Association's Ambulance Manufacturing Division, Standard 001 - 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.

Does your bid meet exactly as specified YES_____ NO_____

AMD 002 - BODY DOOR RETENTION COMPONENTS TEST: The ambulance described herein shall be type tested to the National Truck Equipment Association Ambulance Manufacturing Division, Standard 002 - 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 AMD Standard 002 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

Does your bid meet exactly as specified YES_____ NO_____

AMD 003 - OXYGEN TANK RETENTION SYSTEM STATIC TEST: The ambulance described herein shall be type tested to the National Truck Equipment Association Ambulance Manufacturing Division, Standard 003 - Oxygen Tank Retention System Static Test. 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 AMD Standard 003 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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 System s 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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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

The ceiling mounted grab rail 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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

AMD 010 - WATER SPRAY 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 Spray Test. This test shall be conducted on EACH ambulance by the quality assurance department.

Does your bid meet exactly as specified YES_____ NO_____

AMD 011 - EQUIPMENT TEMPERATURE TEST: The ambulance and equipment specified herein shall operate satisfactorily operate between 30 degrees and 125 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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

AMD 013 - WEIGHT DISTRIBUTION GUIDELINES: 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 Guidelines.

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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

AMD 015 - AMBULANCE MAIN OXYGEN 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 Oxygen 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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

AMD 018 - REAR STEP AND BUMPER STATIC LOAD TEST: The rear step and bumper shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 018 - Rear Step and Bumper Static Load Test. This standard must be type certified by an independent testing laboratory on a like test model.

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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.

Does your bid meet exactly as specified YES_____ NO_____

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 016 - Perimeter Illumination Test. This standard must be type certified by an independent testing laboratory on a like test model.

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified 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.

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.

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 six-point 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 in order to validate compliance with this requirement.

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified 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, 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.

Does your bid meet exactly as specified 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 public bid opening, 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.

Does your bid meet exactly as specified YES_____ NO_____

TYPE I AMBULANCE: The apparatus shall be a Configuration A, 2-door, conventional cab and chassis with a transferable, modular, ambulance body.

Does your bid meet exactly as specified YES_____ NO_____

CHASSIS MAKE: The apparatus shall be mounted on a commercially available cab and chassis manufactured by Ford Motor Company or comparable company. The chassis manufacturer shall be the vehicle's point of origin. The chassis shall be supplied by Ford, or other vehicle manufacturer, 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".

Does your bid meet exactly as specified YES_____ NO_____

CHASSIS MODEL: The apparatus shall be mounted on a 2017 or newer F-450, Super cab, dual rear wheel, two wheel drive chassis, or comparable chassis, equipped as follows below.

Does your bid meet exactly as specified YES_____ NO_____

WHEEL BASE: The wheel base shall be 191.9 inches with a cab to axle dimension of 84". The wheel base shall be factory supplied by the OEM. Modified wheel bases made from chassis with shorter or longer wheel bases are not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified YES_____ NO_____

TRIM LEVEL: The cab shall be equipped with an "XLT" Trim level, or comparable, with tilt steering wheel, cruise control, power windows and door locks. The front bumper and grill shall be accented with chrome. The OEM grille work shall remain OEM. After market vacuum formed, proprietary grille work made by the ambulance manufacturer is not acceptable due to replacement part cost and lack of immediate availability.

Does your bid meet exactly as specified YES_____ NO_____

ENGINE: A V-8, Turbo-Charged Diesel engine shall be provided with a minimum displacement of 6.7 liters (402 cu in), or comparable. The engine output shall be 390 horsepower at 2,800 revolutions per minute and deliver 735 foot pounds of torque at 1,600 revolutions per minute, or comparable. The compression ratio of the engine is 16.2:1 with a high pressure common rail fuel injection system, or comparable. Engine performance shall comply with or exceed the most current revision of KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

TRANSMISSION: There shall be a Ford or comparable, Heavy Duty Torque shift, 6-speed, automatic transmission with overdrive provided.

Does your bid meet exactly as specified YES_____ NO_____

CAB INTERIOR COLOR: The color of the cab interior shall be Medium Earth gray, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

GROSS VEHICLE WEIGHT RATING (GVWR): The GVWR of the chassis supplied shall be at least 16,500 pounds.

Does your bid meet exactly as specified YES_____ NO_____

FRONT AXLE WEIGHT RATING (FAWR): The FAWR shall be rated no less than 7,000 pounds.

Does your bid meet exactly as specified YES_____ NO_____

REAR AXLE WEIGHT RATING (RAWR): The RAWR shall be rated no less than 12,000 pounds.

Does your bid meet exactly as specified YES_____ NO_____

CAB SEATS: OEM high back, velour covered bucket type seats shall be provided in the cab. The seats shall adjust forward and aft. Seat base must be OEM. After market seats and/or bases are not acceptable due to violations regarding SRS (Air Bag) deployment geometry and Ford QVM Guidelines, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

OCCUPANT RESTRAINT SYSTEM: The front, forward facing cab seats shall be equipped with OEM installed three point seat belts. The seat belt assemblies shall meet or exceed FMVS 208 and 209. The inside conversion panels shall not interfere with the swivel arc of the shoulder rings.

SUPPLEMENTAL RESTRAINT SYSTEM: An OEM air bag shall be installed on the driver and passenger side. Permanent or quick release ambulance conversion components shall not interfere with air bag deployment. The air bags must be completely operational. Modifications by the secondary manufacturer are not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

BRAKES: 4-wheel anti-lock, power assisted hydraulic brakes shall be supplied by the OEM. The brakes shall be 4-wheel Disc type with Dual piston, Pin slider calipers. The front disc diameter shall be 14.53 inches in diameter and the rear disc shall be 15.55 inches in diameter. The parking brake shall be a foot operated, hand release independent mechanical brake, provided by the OEM.

Does your bid meet exactly as specified YES_____ NO_____

BRAKE BOOSTER / ANTI LOCK SYSTEM: The brake pedal effort shall be reduced by a hydro-boost power assist unit. The booster shall be installed on the fire wall and linked directly to the foot pedal. Hydraulic brake pressure shall route through a 3-channel, 4-Wheel anti-lock brake system that prevents wheel lock-up.

Does your bid meet exactly as specified YES_____ NO_____

INTERIOR UPGRADE PACKAGE: Ford, or comparable, interior upgrade package shall be ordered and supplied on the chassis. This package shall include:

- Cloth Headliner
- High trim door panels
- Ford option code 21A high back bucket seats, or comparable
- Cloth sun visors
- Power Door locks
- Power Windows
- Insulation package

Does your bid meet exactly as specified YES_____ NO_____

FLOOR PEDALS: The chassis shall have OEM adjustable floor pedals, option 62M, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

DAYTIME RUNNING LIGHTS: Daytime running light option No 942, or comparable, shall be supplied and installed by the OEM. Both headlights shall come on with the ignition switch.

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified YES_____ NO_____

FRONT STABILIZER BAR: A computer selected, one inch diameter anti-sway bar shall be supplied. The bar shall regulate body shift and enhance handling and control. The solid torsion spring steel bar shall be attached to the vehicle frame utilizing natural rubber bushings and removable steel bushing housings. The ends of the bar shall be inserted into natural rubber bushings, located near the front wheels. Both axle attachment points shall be cast into the forged steel, I-beam front axle.

Does your bid meet exactly as specified YES_____ NO_____

FUEL TANK: The fuel capacity shall be at least 40 US gallons. The fuel range shall be at least 250 miles per KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

REAR AXLE TYPE AND RATIO: The axle shall be Limited Slip Differential with a 4.10:1 gear ratio. Ford Code XG8, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

TIRES: All mounted, active tires shall be identical make, tread type, size and load range. For aforementioned GVWR the tires shall be LT225/70R19.5 load range F. 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 KKK-A-1822 3.6.12.

Does your bid meet exactly as specified YES_____ NO_____

AMBULANCE PREPARATION PACKAGE: The chassis provided shall be equipped with an ambulance preparation package designed and installed by the OEM. The 47L allows operator commanded regeneration down to 30% DPF capacity. The 47A had to have at least 70% DPF capacity to do a manual regeneration. The low DEF fluid will not cause the vehicles speed limiting or forced idle. It will still give you the warning lights, chimes and message. The 47L is a Federal Emissions compliant package. It is not certified in California or the Green States. California has declared to NTEA/AMD that they do not regulate emergency vehicles. The package shall be designed to hold up to the demands and duty cycles inherent with Emergency Medical Vehicles.

Does your bid meet exactly as specified YES_____ NO_____

ALTERNATOR - CHARGING SYSTEM: Two alternators shall be supplied and installed by the OEM. The alternators shall be as supplied by Ford under the 47L/A Ford Ambulance Prep option, or comparable. Both alternators shall be controlled by the vehicles on board computer. The ambulance manufacturer shall not modify the OEM computer's functional control of the alternators. 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 alternators to the batteries from the junction post. The ambulance load cable shall connect under the hood to the aforementioned junction post.

Does your bid meet exactly as specified YES_____ NO_____

THROTTLE HIGH IDLE: A program shall be set into the OEM engine control through the cruise control module. The throttle control shall be programmed by the OEM.

Does your bid meet exactly as specified YES_____ NO_____

CAB STEREO: An OEM Ford AM/FM/CD in dash radio and four cab mounted speakers, or comparable system, shall be included with the chassis.

Does your bid meet exactly as specified YES_____ NO_____

VACUUM PUMP: There shall be a vacuum pump to activate the Patient Area "Heater Control Valves" when the patient area heater is energized. The electrical layout shall be shown on the custom wiring schematics at the time of delivery.

Does your bid meet exactly as specified YES_____ NO_____

SPARE TIRE: One (1) spare tire and wheel assembly shall be supplied. When the tire is to be carried on the unit, the tire hold down shall meet current KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

SPARE TIRE STORAGE LOCATION: The spare tire and wheel assembly will not be carried on the unit. The spare tire and all the related tools, if supplied by the OEM, shall be shipped loose with the completed vehicle.

Does your bid meet exactly as specified 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 effect 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 remaining on the lug nuts.

Does your bid meet exactly as specified YES_____ NO_____

CHASSIS INTERFACE MODULE: A chassis interface module shall be installed allowing the up-fitter to interface with the chassis output signals.

Does your bid meet exactly as specified YES_____ NO_____

DAYTIME RUNNING LIGHTS: Daytime running light option No 942, or comparable, shall be supplied and installed by the OEM both headlights shall come on with the ignition switch.

Does your bid meet exactly as specified YES_____ NO_____

CHASSIS VOICE CONTROL SYNCH: The chassis manufacturer shall include a FORD SYNCH option, or comparable Voice Control Synch, which will allow for greater safety of the vehicle driver. The driver shall be able to voice control connect to multiple wireless systems. The driver of the vehicle shall refer to the owner's manual for details of operation.

Does your bid meet exactly as specified YES_____ NO_____

MIRRORS: The chassis shall be outfitted with dual OEM, power adjusted mirror glass, manually telescoping trailer tow black mirrors. The mirrors shall connect to the chassis cab doors at 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. The mirrors shall be seven inches wide by eight inches high and flat on both right and left sides. The mirror shall feature heated surfaces for the main mirror and the convex spotter mirror. The mirror heads shall incorporate forward facing integrated clearance lamps on the outer edge with minimal halo turn signal functions.

Does your bid meet exactly as specified YES_____ NO_____

REAR KNEELING SUSPENSION: A Liquid Spring rear hydraulic strut suspension shall be installed in lieu of the standard rear OEM single stage leaf springs. The suspension company shall be QS 9000 and ISO 9001 certified for excellence. The liquid suspension shall be rated at 12,000 pounds GAWR and installed per Liquid Spring Directions. Suspension Installation instructions and drawings shall be followed. All guidelines regarding chassis and axle capacity ratings as published by Ford Motor Corporation, or comparable vehicle corporation guidelines, shall be adhered to.

Does your bid meet exactly as specified YES_____ NO_____

MECHANICAL SUSPENSION COMPONENTS: The control arms shall be connected to a replacement front hanger that features upper and lower control arm pivot points and a connection point for a heavy duty sway bar. Both Liquid Spring struts shall be positioned directly aft of the axle and outboard of frame rails. The designed ride height shall maintain original suspension's drive-line geometry.

Does your bid meet exactly as specified YES_____ NO_____

TRACKING BAR: The suspension shall utilize a lateral control rod (tracking bar) to maintain side to side axle position related to the chassis frame. Wear shoes, mounted to the sides of the frame rails are not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

HYDRAULLIC SYSTEM: All hydraulic lines, fittings, reservoirs and valve shall be protected against "stone pecking". Abrasion covers, such as nylon convolute loom over the lines are required. The system shall be tested for leaks at every fitting connection point.

Does your bid meet exactly as specified YES_____ NO_____

MECHANICAL QUALITY ASSURANCE: All fasteners related to the suspension assembly are considered critical. All fasteners shall be tightened to the manufacturers recommended torque by the primary installation mechanic. A secondary mechanic shall "put a wrench" and re-torque ALL of the fasteners and then spray a contrasting color of paint onto the heads and nuts of each fastener.

Does your bid meet exactly as specified YES_____ NO_____

SUSPENSION JOUNCE STUDY: A suspension jounce clearance study shall be performed throughout the full range of suspension travel to ensure adequate clearance of suspension, frame and brake components. Test results shall be documented and supplied in the owner's manual.

Does your bid meet exactly as specified YES_____ NO_____

REAR STABILIZER BAR: The rear sway bar shall remain OEM.

Does your bid meet exactly as specified YES_____ NO_____

KNEELING FEATURE ENABLE: The rear suspension shall kneel when the triggering device is activated AND an enable switch, located in the face of the squad bench or right rear cabinet is activated. The switch panel shall be recessed one inch to prevent inadvertent damage to the switch. The switch shall be located within reach of an attendant standing on the ground.

Does your bid meet exactly as specified YES_____ NO_____

KNEELING FEATURE ACTIVATION: The kneeling feature shall activate in PARK position only. The kneeling feature shall NOT activate in any forward or reverse gear. The above rear suspension shall kneel when the trailing rear access door is opened.

Does your bid meet exactly as specified YES_____ NO_____

VEHICLE EXHAUST TERMINATION POINT: The exhaust system routing shall remain unmodified and the termination point shall remain after the rear axle on the right side.

Does your bid meet exactly as specified YES_____ NO_____

VACUUM PUMP: There shall be a vacuum pump to activate the Patient Area "Heater Control Valves" when the patient area heater is energized. The electrical layout shall be shown on the custom wiring schematics at the time of delivery.

Does your bid meet exactly as specified YES_____ NO_____

TIRE VALVE EXTENDERS: One pair of tire valve extenders shall 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.

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified YES_____ NO_____

BODY MEMBER ALLOY: The side, front and rear sheet shall be derived from .125", 5052-H-32 aluminum sheet. The roof sheet shall be one (1) piece, .090", from roof rail to roof rail. The side structure and structural shapes shall be extruded of 6105-T5 aluminum.

Does your bid meet exactly as specified YES_____ NO_____

STRUCTURAL INTEGRITY: The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a standalone static load test on a type-tested body. The test shall be conducted in accordance to AMD-001 except the test weight shall be a minimum of 55,000 pounds. The same unit shall be subjected to the same test with the body turned on its side. A complete copy of the testing documents with photos must be supplied WITH bid. Non-compliant bids will be rejected.

Does your bid meet exactly as specified YES_____ NO_____

WELD QUALITY: All welds within the modular body shall meet American Welding Society codes for structural and sheet welding.

Does your bid meet exactly as specified YES_____ NO_____

CREVICE PREPARATION: All skin and extrusion surfaces destined to be mated together shall be primed with epoxy, etching primer prior to assembly. All over lapping extrusion to skin surfaces shall be bedded with a two part acrylic high strength bonding adhesive.

Does your bid meet exactly as specified YES_____ NO_____

SIDE STRUCTURAL MEMBERS: The sheet edges will be fit into slots designed within a proprietary, double hollow, corner post extrusion in addition to the two part acrylic bonding agent. The sheet will be MIG welded and structurally bonded to the extrusion. Double-hollow designed corner post extrusions shall be used to weld side and end assemblies together. Horizontally oriented, adjoining structural box tubes shall be welded to the corner post with a minimum 50% surface weld. The intermediate structural members of the side grid shall be two (2) inch by two (2) inch 6105-T5 aluminum, architectural box tubing. All entry and compartment door adjacent members shall be one quarter (1/4") inch, two (2) inch by two (2) inch proprietary extruded shape. The main structure shall surround the compartment openings and provide intermediate skin support. The intermediate structure spacing shall have a nominal dimension of twelve (12) inches. All grid structure shall be welded together with a minimum of 75% of available mating surface. The side skin shall be bonded to the structural grid using (1.75") wide, VHB (Very High Bond) adhesive tape. The edges of the tube that touch the skin will be sealed with Bostik Brand, Simson ISR 70-03 Construction Adhesive or comparable.

Does your bid meet exactly as specified YES_____ NO_____

SIDE IMPACT RAILS: There shall be four (4) side impact rails, located in the upper and lower sections of the side walls. They shall consist of 6105-T5 aluminum, that is solid half (1/2) inch thick by four (4) inch plate on the curbside and one-half (1/2) inch by four (4) inch plates on the street side that are continuously MIG welded or Huck structurally fastened to the structural grid. Since this is a safety item, no exceptions will be accepted

Does your bid meet exactly as specified YES_____ NO_____

SEAT BELT ANCHORAGE: Occupant seat belts shall be drilled and tapped through one-half (1/2) inch by four (4) inch plate on the curbside and one-half (1/2) inch by four (4) inch plates on the street side that are continuously MIG welded to the structural grid. Since this is a safety item, no exceptions will be accepted.

Does your bid meet exactly as specified YES_____ NO_____

SIDE SHEET: The side sheet shall be .125 thick, 5052-H32 aluminum. The side sheet compartment opening cut outs shall be cut with CNC controlled, gantry mounted plasma or high speed routing equipment. The door opening shall be cut to allow for the skin to be molded into the jamb opening to create a crevice free jamb with a smooth paint finish. The machine formed skin shall return into the body at least 3/4" to meet the jamb extrusion. This method will encourage square openings to receive the door assemblies and maintain critical structural locations. The door jamb shall have a full structure frame behind the jamb skin return. It shall not rely strictly on the skin for the compartment jamb. Pre-determined ventilation louvers shall be formed into the body sheet, where specified. A seamless door jamb exterior is required to minimize corrosion. Extruded type exposed door jambs do not meet this specification. The skin shall completely conceal the door-jamb from view. The only visible seams on the body sheet shall be at the corner posts. The skin shall extend .688" below the skirt rail extrusion to a drip edge to keep moisture from collecting underneath where the skin meets the skirt rail extrusion.

Does your bid meet exactly as specified YES_____ NO_____

CORNER POST EXTRUSION: The corners of the modular body shall be made from an extruded aluminum structure that has an alloy of 6063-T6. The corner post extrusion shall be 3.25" x 3.25" with a 2" radius on the outer corner. The corner post extrusion shall have an internal web member that runs on a 45 degree angle to the front and side of the modular body. Where the internal web meets the exterior extrusion wall the internal web shall flair into a .125" radius giving a .25" wall thickness at the exterior wall of the extrusion. There shall be a .75" flange on each side of the corner post extrusion that is a side skin receiver. The side skin receiver shall be funnel shaped to allow the exterior side skin to fully seat into the corner post extrusion. The interior walls of the corner post extrusion shall be .125" thick and they shall incorporate a 45 degree weld bevel on the interior corners.

Does your bid meet exactly as specified YES_____ NO_____

REAR SILL EXTRUSIONS: The rear body and floor substructure shall be constructed of a dual proprietary aluminum extrusion with mating joints. The lower floor extrusion is a combination continuous extrusion with an incorporated L mating surface. The lower door extrusion is a multi-chamber construction with matching radius corner and surfaces to the floor sill. This combination of extrusion and joint structure provides for strong joint strengths, and continuous contact surface between the floor sill and the outer-body door extrusion.

Does your bid meet exactly as specified YES_____ NO_____

FRONT AND SIDE WALL GUSSET PLATES: The front wall and side wall structural members shall have additional support with a fully welded gusset system that shall be made of 5052-H32 aluminum plate, one quarter (1/4) inch thick by four (4) inch by four (4) inch.

Does your bid meet exactly as specified YES_____ NO_____

REAR AND SIDE WALL GUSSET PLATES: The rear wall and side wall structural members shall have additional support with a fully welded gusset system that shall be made of 5052-H32 aluminum plate, one quarter (1/4) inch thick by four (4) inch by four (4) inch.

Does your bid meet exactly as specified YES_____ NO_____

ROOF RAIL EXTRUSIONS: The roof corners of the modular body shall be made from an extruded aluminum structure that has an alloy of 6063-T6. The roof rail extrusion shall be 4.55" x 3.5" with a 2" radius on the outer corner. A full length drip rail shall be incorporated into the roof rail corner post extrusion, drip rails at the top of the modular body that are not inclusive of the roof rail extrusion do not meet the intent of the specification and are deemed non-compliant to this specification. The roof rail extrusion shall have an internal web member that runs on a 45 degree angle to the front and side of the modular body. Where the internal web meets the exterior extrusion wall the internal web shall flair into a .125" radius giving a .25" wall thickness at the exterior wall of the extrusion. There shall be a .75" flange on the lower side of the roof rail extrusion that is a side skin receiver. The side skin receiver shall be funnel shaped to allow the exterior side skin to fully seat into the roof rail extrusion. There shall be a .75" x .125" recess into the roof side of the extrusion for locating the roof sheeting. This recess shall have a 45 degree weld bevel. The interior wall of the roof rail extrusion that is in-board of the side skin funnel shall be 2" wide so that they line up with the exterior side wall. The interior wall of the roof rail extrusion that is in-board of the roof sheeting recess shall be 2.25" wide so that they line up with the 2.25" roof bows. The interior walls of the roof rail extrusion shall be .125" thick and they shall incorporate a 45 degree weld bevel on the interior corners.

Does your bid meet exactly as specified YES_____ NO_____

ROOF SHEET: The four (4) edges of the sheet shall be continuously welded to the roof rail extrusion to prevent leaks. All perimeter welds shall be ground smooth and worked smooth prior to the over-all body paint and finish. Non-fully welded roof sheets to the roof rail extrusions do not meet the intent of this specification and are deems non-compliance to this specification.

Does your bid meet exactly as specified YES_____ NO_____

ROOF BOWS: The roof sheet shall be supported by full width .125" x 2" x 2.25" architectural box tubing. The roof bows shall be located on twelve (12) inch centers. The roof bows shall be MIG welded to the roof rail extrusions with no less than four (4) and one-half (1/2) inches of continuous weld per end. The roof sheet shall be bonded to the roof bows with VHB (Very High Bond) adhesive tape.

Does your bid meet exactly as specified YES_____ NO_____

LATERAL ROOF SUPPORT: If this agency requires ducted ceiling HVAC, additional structural support will be added as a result of the 2" ducted heat and A/C delivery system. 2" x 2" three-sided extruded channel with two sides being .125" thick and the bottom surface for fastener acceptance to be .160" shall be full length of the body.

Does your bid meet exactly as specified YES_____ NO_____

ROOF CORNERS: The roof rail extrusions shall be welded together along the roof bow mating walls at the corners. In addition, the outer surfaces of the roof rail extrusions shall be 100% continuously TIG welded to cast aluminum corner castings. The castings shall have internal mating flanges that extend horizontally inside the upper roof rail extrusion and vertically down the corner post extrusions.

Does your bid meet exactly as specified YES_____ NO_____

FLOOR MEMBERS: Floor structures shall be 6105-T5 aluminum, one-quarter (1/4) inch by 1.500 by 3.000 aluminum, architectural proprietary shape with bevels built into the extrusion die to allow for full weld penetration on the edge of the extrusions. The die must be designed so that the inside of the corner has the same thickness of aluminum as the remaining four sides.

Does your bid meet exactly as specified YES_____ NO_____

FLOOR GUSSET PLATES: The floor member to side wall fully welded gusset system shall be made of 5052-H32 aluminum plate, one quarter (1/4) inch thick by four (4) by four (4) inch and quarter (1/4) inch x six (6) inch x six (6) inch. A minimum of 12 gussets shall be located, dual gusset plates at each main cross member site.

Does your bid meet exactly as specified YES_____ NO_____

FULL WIDTH CROSS MEMBERS: The module floor shall provide core support for the side assemblies and shall incorporate a minimum of three (3) full body width floor members shall connect to and support the side wall assemblies. Each member shall be made of 6063-T6 aluminum. The front floor tube is to be a minimum of 3.000 x 1.500 x .250 thick 6105-T5 aluminum tube which is fully MIG welded into the front corner post at each side of the vehicle. On top of the tube is to be a minimum .188 thick 5052 aluminum front sill running full width of the body. One of the members located just forward and/or rear of the rear wheel housing shall be one-quarter (1/4) inch by 1.500 by 3.000 rectangular architectural box tubing. The last floor cross-member shall be a 1.625 x 2.188 x .250 6105-T5 aluminum tube on the rear wall which is fully MIG welded into the rear corner posts at each side of the vehicle. This tube is butted up and welded to a 2.000 x 1.000 x .125 thick 6105-T5 tube which is also fully MIG welded to the rear corner post. A minimum of eight (8) total 6" gussets, (1/4) inch thick will be installed to reinforce two (2) at each cross member and sidewall tubes directly fore and aft of the axle.

Does your bid meet exactly as specified YES_____ NO_____

WATER TIGHT PATIENT CABIN: The sub floor shall be shielded from moisture. A forty (40) mil thick aluminum sub sheet shall be sealed to the floor structure with silicone sealant. Additional aluminum plates shall be intermittent welded between compartments, wheel well liners, step wells and fuel filler housings. All of the areas shall be thoroughly sealed from one to the other, creating a sealed patient cabin from the outside. Extrusion hollows shall be filled with expandable foam sealant to prevent fumes and moisture from entering.

Does your bid meet exactly as specified YES_____ NO_____

DOOR CONSTRUCTION

DOOR SKIN: No welded seams are allowed, only one piece formed corners. The door skin shall be .090 thick, 5052-H32 aluminum sheet formed on all four sides utilizing an ACF Multiflex Corner Former Model MF 25, or comparable equipment, to create a crevice free surface for best paint adhesion and

corrosion resistance. The formed edges shall not have elongation cracks due to forming and shall maintain material thickness uniformly over the entire sheet. The formed edges uniformly round off seamless for better paint adhesion and aesthetic appeal that does not require cutting and welding in the corners.

Does your bid meet exactly as specified YES _____ NO _____

DOOR FRAMING: The door frame shall reinforce the perimeter of the skin pan. The extrusion shall incorporate a T-slot to receive an extruded, hollow, dual durometer closed cell UV protected TPV gaskets with relief holes for even compression for a proper and complete seal from the door to the door jamb. The gasket corners shall be welded without using adhesives for bonding. The door frame extrusion shall also add torsion resistance to the door assembly. The door jamb extrusion and frame extrusion shall be cut 45 degree on each corner. Each of the four corners shall incorporate a key way and spline that is designed to drive into each corner and maintain a perfect 90 degree angle prior to welding. The door castings shall include gusset plates for additional support for the door construction. The door frame shall also incorporate a clearance way for UNF threaded blind fasteners for the door panels. The door panel shall not rest on the body of the blind fasteners.

Does your bid meet exactly as specified YES _____ NO _____

FINAL DOOR ASSEMBLY: The door skin shall be bonded to the frame assembly with an adhesive sealant in addition to intermittent welding. For entry doors: Additional, horizontal structure shall be added to maintain door skin flatness as well as penetration resistance in the event of a collision. The horizontal members are extruded J-channel, 0.150" thick. A minimum of two (2) horizontal members shall be welded in. A vertically oriented 0.150" thick formed hat-channel shall be welded to the webs of both horizontal channels for additional buckling resistance. Compartment doors shall have a reinforcement system of horizontal or horizontal/vertical structure added to maintain skin flatness and impact resistance.

Does your bid meet exactly as specified YES _____ NO _____

ENTRY DOOR WINDOW(S) OPENINGS: The entry door(s) shall incorporate recessed areas that are stamped into the outer door skin to allow for a flush window appearance and shall not protrude with a lip on the outer door skin of the modular body.

Does your bid meet exactly as specified YES _____ NO _____

DOOR PANELS: The inside entry door panels shall be made of (.080") thick aluminum plate and shall be finished per these specifications later in this document. The center panel shall be removable for easy lock service/lubrication. The inside of the compartment door panels shall be made of (.080") thick polished aluminum diamond plate. The edges of the door panel shall be recessed into the door frame extrusion. The panels shall be fastened to the door frame with stainless steel, #10-32 UNF machine screws threaded into aircraft quality blind fasteners. Each fastener shall have an internal tooth lock washer to preclude loosening.

Does your bid meet exactly as specified YES _____ NO _____

DOOR JAMB: The door jamb shall accommodate rigid fastening of compartment door hinges. The jamb shall include a hollow cell that shall conceal wiring for the non-mechanical door switch. The door jamb frame shall be cut 45 degree on each corner from the door edge corner, each of the four corners shall consist of a key way and spline that is designed to drive into each corner and maintain a perfect

90 degree angle prior to welding. Additionally, the jamb shall be continuously MIG welded on the inside and the outside corners. A seamless door-jamb exterior is required to minimize corrosion - extruded type door jambs do not meet this specification. The skin shall completely conceal the door-jamb from view. "No Exterior Door Extrusions Allowed".

Does your bid meet exactly as specified YES_____ NO_____

HINGE: All doors shall have stainless steel, continuous, piano hinge. The pin diameter shall be .250 and staked into place to prevent drifting out of the hinge leaf. The knuckle lengths shall be one inch. The hinge attachment bolts shall be one quarter inch diameter by one inch long stainless steel Type TT (Thread Rolling Screws) hex head bolts. All tapped holes for hinge bolts shall be treated with an anticorrosion compound prior to installation of each hinge bolt. Thread cutting screws are not acceptable. Each hinge leaf shall have a Mylar insulation strip (3M Scotch No 8411, or comparable) between the leaf and the Jamb/Door.

Does your bid meet exactly as specified YES_____ NO_____

LATCHES: The latches shall meet FMVSS 206. All latches shall be two-stage, rotary- type. The latches shall be through bolted to the door frame extrusion. All entry doors shall have two rotary latches per door. To assure uniform latch timing and functional door reliability, only straight, one-quarter (1/4) inch diameter rods shall connect the latches to the handle. All double hung compartment doors shall have two rotary latches per door.

Does your bid meet exactly as specified YES_____ NO_____

NADER PINS: All Nader pins shall be headed to prevent the door(s) from opening under impact. They shall be hex headed Grade-8 fully adjustable with a 5/16" thick knurled stainless steel retainer plate to keep the Nader pin from moving after adjusted. The opening in the door jamb extrusion shall be large enough to allow full adjustment with the Nader pin washer covering the hole.

Does your bid meet exactly as specified YES_____ NO_____

MOUNTING

MOUNTING SYSTEM: The body shall be 100% isolated from chassis vibrations. Welding and drilling additional holes in the flanges of the frame shall not be done anywhere between the axles and the outer most spring shackles. Twelve ¼ thick out-rigger mounts shall be through bolted through the web (vertical wall of the frame) of the frame rail. New Holes drilled in the frame shall leave at least 1 of steel from the edge of the new hole and the edge an existing hole. Each mount shall utilize three grade-8, 5/8 diameter, flanged head bolts with flanged, locking nuts. Each mount shall accommodate a natural rubber vibration isolator and support for the body's mounting sill. All mounting sills shall be made of one inch thick by three inch wide solid aluminum flat bar. A grade L-9 seven sixteenth inch diameter by four inch long hex-head bolt shall be used to bolt the sill down at each isolator site.

Does your bid meet exactly as specified YES_____ NO_____

MODULE CONFIGURATION

OVER ALL LENGTH: The overall length of the vehicle shall not exceed twenty four feet, five inches (293 inches) per current revision of Federal Specification KKK-A-1822. The departure angle shall meet or exceed current revision of Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

MODULE LENGTH: The module length shall be at least one hundred fifty four inches.

Does your bid meet exactly as specified YES_____ NO_____

MODULE WIDTH: The module width shall comply with current revision of Federal Specification KKK-A-1822. The module shall be ninety five inches wide, excluding lights and accessories.

Does your bid meet exactly as specified YES_____ NO_____

MODULE HEAD ROOM: The module shall not be less than sixty eight inches actual measured headroom. The measurement shall be taken from the patient compartment floor to the ceiling panels.

Does your bid meet exactly as specified YES_____ NO_____

DOOR CHECK: The compartment door(s) in excess of 13" pass through width shall be equipped with a door check (hold open) device. All vertically hinged doors in excess of 13" pass through width shall have a gas operated bi-directional spring shock door check. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES_____ NO_____

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety degrees (90) from the fully closed position.

Does your bid meet exactly as specified YES_____ NO_____

LEFT FRONT COMPARTMENT CONSTRUCTION (M-1)

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES_____ NO_____

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES_____ NO_____

VENTILATION: There shall be a hole in the compartment below floor line approximately 5-3/8"wide x

2-9/32" tall that will accept a specially designed baffled vent. The baffles shall have a stainless steel spring that allow for only one way operation. They allow air to escape out of the compartment when the door is closed, but not for air to come back into the compartment to keep dirt and dust out of the compartment interior. Engineering shall determine the amount of these vents required by the volume of space in the compartment.

Does your bid meet exactly as specified YES_____ NO_____

CURBSIDE ACCESS DOOR: The curbside side access door shall be at least 78-7/8" high by 31" wide measured at the door jamb opening.

Does your bid meet exactly as specified YES_____ NO_____

JAMB PROTECTION: At the curbside side, module entry door, a full width, formed, stainless steel jamb protection plate shall be provided to prevent heavy traffic from chipping the paint.

Does your bid meet exactly as specified YES_____ NO_____

DOOR CHECK: The curbside entry door shall be equipped with a door check (hold open) device. Door check brackets shall be drilled and tapped through a minimum of 3/8" material to preclude coming loose.

Does your bid meet exactly as specified YES_____ NO_____

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety degrees (90) from the fully closed position.

Does your bid meet exactly as specified YES_____ NO_____

CURB SIDE ACCESS DOOR LOCATION: The module side entry door shall be located on the curbside of the module, just rearward of the ALS cabinet to provide efficient egress into the module.

Does your bid meet exactly as specified YES_____ NO_____

STEP WELL: A curbside entry door shall feature a **double step** "step well" to assist in patient cabin egress. The step shall have a tread dimension of not less than 10 inches. The riser dimension shall not exceed nine and one-half inches, measured from the step tread to the floor of the patient cabin. A right angled trim, made of bright aluminum diamond plate, shall be formed over the flooring material and wrap around the 3-sided perimeter of the step well. Step well material shall be 0.100 thick, polished aluminum diamond plate. The step well shall be illuminated. The step well shall meet or exceed the current revision of Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

STEP WELL ILLUMINATION: A Kinequip brand #KML-W-SC White LED light, or comparable, with Chrome Bezel shall illuminate the curbside step well per the current revision of Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

LEFT FRONT COMPARTMENT (M-1): This compartment shall be located in the left front corner of the modular body. The minimum compartment dimensions shall be 78.8" high x 18.6" wide x 19.4" deep.

Does your bid meet exactly as specified YES_____ NO_____

LEFT FRONT MIDDLE COMPARTMENT CONSTRUCTION (M-2)

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES_____ NO_____

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

VENTILATION: There shall be three sets of six louver punches on the outside and inside door panel to properly ventilate the electrical components located in the above mentioned compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELF: A standard duty aluminum adjustable shelf shall be provided. The shelf shall be formed of .125 (1/8") thick aluminum, with 2 inch upward turned lips on all four sides. The shelf shall be mounted on Unistrut, or comparable tracking, infinitely adjustable, aluminum extruded, heavy duty shelf track. Incrementally adjustable, non-aluminum shelf track is not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

SHELF BRACKET: Each above exterior adjustable shelf shall include four (4) self-gusseted .157"

thick shelf brackets that will allow for easy adjustment up and down for each shelf. Each bracket shall be secured to the shelf by carriage head bolts on the top of the shelf and hex head bolts to secure them to the shelf tracking material in the compartments. This will guard against shelf deformation in the compartments when the shelves are secured in place.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 light, or comparable, shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT BACK WALL BUILT OUT: The back wall of the compartment shall be built to reduce the depth of the compartment to 14" deep.

Does your bid meet exactly as specified YES_____ NO_____

LEFT FRONT MIDDLE COMPARTMENT (M-2): This compartment is located adjacent and rearward to the left front compartment. The minimum compartment dimensions shall be 34.5" High x 30.5" Wide x 19.4" Deep.

Does your bid meet exactly as specified YES_____ NO_____

LEFT REAR COMPARTMENT CONSTRUCTION (M-3)

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES_____ NO_____

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

VENTILATION: All compartments, made from aluminum sheet, shall have at least eight louvers of ventilation to the outside below floor line. The oxygen cylinder and backboard compartments shall also be louvered through the inner and outer door panel up high with at least nine (9) square inches of free-vented area.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES_____ NO_____

BIO-WASTE CLOSEOUT: Outside enclosure box for interior only access to the bio-waste receptacle shall be provided in the exterior compartment. The closeout shall be located in the upper right hand corner of the compartment, aligned with the bio-waste cavity built into the action area tray. The closeout shall be made out of the same material as the compartment interior and shall be finished out as though it was designed to be there and not screwed in place as an afterthought.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELF: A standard duty aluminum adjustable shelf shall be provided. The shelf shall be formed of .125 (1/8") thick aluminum, with 2 inch upward turned lips on all four sides. The shelf shall be mounted on Unistrut, or comparable, infinitely adjustable, aluminum extruded, heavy duty shelf track. Incrementally adjustable, non-aluminum shelf track is not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

SHELF BRACKET: Each above exterior adjustable shelf shall include four (4) self-gusseted .157" thick shelf brackets that will allow for easy adjustment up and down for each shelf. Each bracket shall be secured to the shelf by carriage head bolts on the top of the shelf and hex head bolts to secure them to the shelf tracking material in the compartments. This will guard against shelf deformation in the compartments when the shelves are secured in place.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 light, or comparable, shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES_____ NO_____

AUXILIARY CONDENSER: The module A/C system shall employ a separate condenser for the rear HVAC system. The condenser shall be through bolted to brackets that are welded to the body under the Street side M-2 compartment. Two electric cooling fans shall be mounted to the core assembly and blow toward the road. The condenser fans shall come on when either the cab or the patient cabin A/C unit is turned on.

Does your bid meet exactly as specified YES_____ NO_____

Fan blades shall be protected by a high impact resistant grille work that is molded into the fan body. All fan wiring shall be routed, secured and protected from road hazards. The condenser body shall not fall within the vehicles maximum ramp break over angle. None of the OEM Cab HVAC system

components may be tied into for the rear AC system.

Does your bid meet exactly as specified YES_____ NO_____

CONDUIT No 1: An empty one and one half inch diameter conduit expressly designed to add wires after vehicle delivery by the end user or his/her authorized agent shall be supplied and installed. The conduit shall have semi-rigid, non-conductive liner that is free of inside ridges that can bind on the wire harness being pulled through the conduit. The outer jacket shall be a non-conductive, spiraled rigid coil designed to maintain the original shape of the liner, throughout the length of the conduit run.

Does your bid meet exactly as specified YES_____ NO_____

ORIGINATION POINT: The aforementioned conduit shall originate in the left front middle (M-2), exterior compartment.

Does your bid meet exactly as specified YES_____ NO_____

TERMINATION POINT: The aforementioned conduit shall terminate in the patient cabin behind the main action area control panel.

Does your bid meet exactly as specified YES_____ NO_____

CONDUIT No 2: An empty one and one half inch diameter conduit expressly designed to add wires after vehicle delivery by the end user or his/her authorized agent shall be supplied and installed. The conduit shall have semi-rigid, non-conductive liner that is free of inside ridges that can bind on the wire harness being pulled through the conduit. The outer jacket shall be a non-conductive, spiraled rigid coil designed to maintain the original shape of the liner, throughout the length of the conduit run. A pull wire shall be installed into the conduit to aid the purchasing agency in future installation of equipment.

Does your bid meet exactly as specified YES_____ NO_____

ORIGINATION POINT: The aforementioned conduit shall originate inside the main electrical cabinet.

Does your bid meet exactly as specified YES_____ NO_____

TERMINATION POINT: The aforementioned coaxial cable shall terminate in the cab behind the driver's seat.

Does your bid meet exactly as specified YES_____ NO_____

LEFT REAR COMPARTMENT (M-3): This compartment shall be located in the left rear corner of the body. The minimum compartment dimensions shall be 61.5" High x 25" Wide x 11" deep.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT REAR COMPARTMENT CONSTRUCTION (M-5)

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES_____ NO_____

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELVES: Two (2) standard duty aluminum adjustable shelves shall be provided. The shelves shall be formed of .125 (1/8") thick aluminum, with 2 inch upward turned lips on all four sides of each shelf. The shelves shall be mounted on Unistrut, or comparable, infinitely adjustable, aluminum extruded, heavy duty shelf track. Incrementally adjustable, non-aluminum shelf track is not acceptable. Bottom of lower shelf shall be 42" above floor to accommodate a stair chair storage area.

Does your bid meet exactly as specified YES_____ NO_____

SHELF BRACKET: Each above exterior adjustable shelf shall include four (4) self-gusseted .157" thick shelf brackets that will allow for easy adjustment up and down for each shelf. Each bracket shall be secured to the shelf by carriage head bolts on the top of the shelf and hex head bolts to secure them to the shelf tracking material in the compartments. This will guard against shelf deformation in the compartments when the shelves are secured in place.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 light, or comparable, shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT REAR COMPARTMENT (M-5): This compartment shall be located in the right rear corner of the body. The minimum compartment dimensions shall be 78.8" High x 20.1/2" Wide x 21" Deep.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT REAR FORWARD COMPARTMENT CONSTRUCTION (M-6)

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES_____ NO_____

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

CEILING VENTILATION: Specified compartments shall have a hat channel at the ceiling level. The hat channel shall run to no closer than 1" from the compartment side walls to allow for air exchange. Hidden from view, shall be two to three, (4") holes above the hat channel to exhaust the compartment air when the door is closed to allow it to close with minimal effort.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE DIVIDERS: Two semi-rigid adjustable dividers shall be formed of 5052-H32 aluminum sheet. One divider shall be sixty inches (60") high by fourteen inches (14") deep; measured from the track; and have a two inch return flange formed along the sixty inch edge for mounting. The second divider shall be thirty inches (30") high by fourteen inches (14") deep; measured from the track; and have a two inch return flange formed along the thirty inch edge for mounting. All corners on the dividers shall be rounded or chamfered. One fixed, horizontally oriented shelf shall be formed of 5052-H32 aluminum sheet. The shelf shall be fastened to the right wall of the compartment and to the

adjacent divider. The shelf shall be eight inches (8") wide by fourteen inches (14") deep. The shelf shall not have a lip and shall be positioned 42" from the compartment floor. The exposed edges of the dividers and shelf shall be covered with automotive edge trim. Two full width, horizontally oriented, Unistrut, or comparable, C-channel tracks shall be fastened to the back wall of the aforementioned compartment.

Does your bid meet exactly as specified YES_____ NO_____

DIVIDER MATERIAL: The aforementioned divider(s) shall be made of 0.125 thick 5052-H32 aluminum sheet.

Does your bid meet exactly as specified YES_____ NO_____

RETAINER STRAP: One two inch wide webbed restraint strap shall be supplied in the compartment. The strap shall employ a metal buckle system with a push button release. The strap is to be fastened to the compartment walls with a two inch footman's loop. The fastener is not to be fastened through the webbing material.

Does your bid meet exactly as specified YES_____ NO_____

RETAINER STRAP: One two inch wide webbed restraint strap shall be supplied in the compartment. The strap shall employ a metal buckle system with a push button release. The strap is to be fastened to the compartment walls with a two inch footman's loop. The fastener is not to be fastened through the webbing material.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881, or comparable, in lieu of standard light, shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT REAR FORWARD COMPARTMENT (M-6): This compartment shall be located just forward of the right rear compartment aft of the rear wheel opening. The minimum compartment dimensions shall be 20.25" High x 21.5" Wide x 19.4" Deep.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT FRONT COMPARTMENT CONSTRUCTION (M-7)

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for generators, oxygen, and backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

Does your bid meet exactly as specified YES_____ NO_____

DRAIN HOLES: Drain holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR PANEL: The inside door panel of this compartment shall be diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FINISH: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT LIGHT: One (1) Kinequip Brand 12V 8" LED strip light, Model #10881 light, or comparable, shall be mounted in the compartment, per customer specified location.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT FRONT COMPARTMENT (M-7): This compartment shall be located in the right front corner of the module body. The minimum compartment dimensions shall be 67.5" High by 14.3" Wide. The compartment door shall provide direct outside access into the right front advanced life support equipment storage area and a 12" high stowage area, under floor level. The under floor compartment shall be 12" high by 19.4" Deep.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Does your bid meet exactly as specified YES_____ NO_____

REAR ACCESS DOORS: The rear of the module shall be equipped with double seamless patient compartment access doors. The doors shall be centered on the body and align with the patient compartment aisle space. The doors shall measure 46 3/4 inches wide by 56 5/8" high, jamb to jamb.

Does your bid meet exactly as specified YES_____ NO_____

REAR ACCESS DOOR JAMB: At the rear access doors, a full width, formed seamless stainless steel jamb protection plate shall be provided to prevent the cot frames from chipping the paint. The stainless steel protection package shall start from under the kick plate and follow the contour of the jamb, cover the end of the sub-floor and cover the last six inches of the vinyl floor covering.

Does your bid meet exactly as specified YES_____ NO_____

TALK THROUGH CAB TO MODULE WINDOW: A 14" inch high by 19" inch wide access from the module to the cab shall be provided. Sliding polycarbonate doors shall close off the access window. The cab shall NOT be rigidly fastened to the modular body. A flexible, Accordion shaped, closed cell rubber bellows, custom made for the opening shall be provided to tie the cab to the module. One joint in the bellows is acceptable and shall be located on the bottom of the opening. The joint shall be completely vulcanized. The window provided shall meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

CAB ROOF SUPPORT: There shall be a 3/16" thick by 3" wide extending from driver's side to passenger side on the underside of the cab roof above the headliner to prevent any oil canning noise that might be caused by wind against the front body wall and the cab roof.

Does your bid meet exactly as specified YES_____ NO_____

BODY DROP: The Curbside of the modular body ahead of the rear wheels skirt shall be 6" lower than the street-side and behind the rear wheels. This will allow the curbside entry step to be lower to ground level making it easier to enter the curbside entry door and meet the requirement of KKK-A-1822 latest revision.

Does your bid meet exactly as specified YES_____ NO_____

FUEL FILLER AND HOUSING: The filler neck supplied by the OEM shall be used. The filler neck shall be vented and be diameter indexed to accommodate a FUEL pump nozzle. The fuel filler neck shall be bolted to a cast aluminum fill housing. The filler housing shall be an open design with a bright polished mounting flange. The housing configuration and filler installation shall comply with the OEM Body Builders Layout Book. The fuel filler neck shall be grounded directly to the frame rail to prevent static electric charges from igniting the fuel vapors during refueling. The fuel filler cap shall be supplied by the OEM. The cap shall be attached to the filler housing with a lanyard. The filler cap shall incorporate an over-tighten protection device that ratchets, when the preset cap torque is reached.

Does your bid meet exactly as specified YES_____ NO_____

UREA FILLER AND HOUSING: The filler neck shall be a Cast Products Inc. model FG5301-1, or comparable. The filler neck shall be vented and be diameter indexed to accommodate the DEF nozzle. The fuel filler neck shall be bolted to the cast aluminum fill housing. The housing bezel shall be bright and polished. The housing configuration and filler installation shall comply with the OEM's Body Builders Layout Book. The filler cap shall be supplied by the OEM.

Does your bid meet exactly as specified YES_____ NO_____

BODY PROTECTION AND BRIGHT WORK

WIRE/HOSE COVER: The area between the back of the cab and the front of the module shall have a .100 aluminum diamond plate cover, attached to the frame rails, to protect any hoses and/ or wires routed in that location. The cover shall be mounted to close-off the area with a finished appearance.

Does your bid meet exactly as specified YES_____ NO_____

FRAMING: The rear step bumper shall exceed the current revision of KKK-A-1822. The bumper shall be framed in with ¼ x 2 x 4 aluminum 6063-T6 rectangular tubing. The bumper shall be bolted directly to the chassis frame. In addition the top of the bumper shall be mounted **BELOW** the body skirt-line,

so that minor collisions do not damage the body. The bumper will collapse under the body. For the stated reasons, there shall be **no exceptions** to this feature.

Does your bid meet exactly as specified YES_____ NO_____

OUTER PONTOONS: The outer bumper ends (pontoons) shall be covered in .100 polished aluminum diamond plate. The outer corners shall be angled 50 degrees. Each pontoon cover shall be through bolted to the bumper frame with stainless steel, pan-head, Phillips head, ¼-20 bolts and Nylock nuts.

Does your bid meet exactly as specified YES_____ NO_____

DEPTH OF BUMPER: The rear bumper shall protrude from the rear surface of the module body to the rearward most metal surface by at least nine and one half inches (9-1/2") and not more than ten inches (10").

Does your bid meet exactly as specified YES_____ NO_____

CENTER STEP: A flip up step shall be provided to allow closer access to the patient cabin floor. The step shall be as wide as the rear access door jamb. The step shall have aggressive traction. The step shall have a red/white reflexite reflective strip across the flip up step. A stainless steel piano hinge shall have a staked in, ¼" diameter pin, one inch knuckles and one Type-F ¼" through bolt every four inches.

Does your bid meet exactly as specified YES_____ NO_____

DOCKING BUMPERS: The rear bumper shall be equipped with natural, black rubber dock bumpers. The bumpers shall measure 2 ¼ inches high by 16 inches long by 2 inches thick. The bumpers shall be through bolted to each pontoon with three (3) 3/8 diameter, grade 8 bolts. The bolts shall be counter bored into each dock bumper. Each mounting hole shall be reinforced with a counter bore diameter, thick flat washer. Each bolt shall be threaded into a spiral lock flanged nut or approved equal.

Does your bid meet exactly as specified YES_____ NO_____

FENDER: The rear fenders shall be made of extruded rubber. The rubber fender mounting lip shall be reinforced with a radius matched 0.125 aluminum strip to promote even compression pressure between the fasteners. The mounting fasteners shall be 100% nylon bolt with 100% nylon nuts shall hold the fender to the body. The fastener centers shall not exceed ten inches (10).

Does your bid meet exactly as specified YES_____ NO_____

SKIRT RAILS: The entire skirt-line of the body, forward and aft on the rear wheels shall have formed .188" diamond plate skirt rails to protect the body. Each skirt rail shall meet current Federal Specification KKK-A-1822. Each rail shall be chamfered 45 degrees at both ends. The rails shall be fastened through the bottom of the rail into the bottom of the modular body. The rails shall not cut into the paint. They shall be mounted through nylon isolators in such a manner that they are spaced off the body.

Does your bid meet exactly as specified YES_____ NO_____

REAR KICK PLATE: The rear kick plate shall be made of 0.100 inch thick polished aluminum diamond plate and run from corner post to corner post. The height shall be from the skirt-line of the body to the bottom door jamb under the rear access doors.

Does your bid meet exactly as specified YES_____ NO_____

RECESSED TAG AREA: The kick plate shall feature a centered and illuminated recessed area to mount a standard U.S. six inch high by twelve inch wide license plate. The recessed area must be located as specified below and aesthetically TIG Welded around the perimeter of the opening. Threaded inserts and bolts to install the tag shall be installed and provided.

Does your bid meet exactly as specified YES_____ NO_____

RECESSED TAG AREA LOCATION: The tag area shall be centered in the kick plate.

Does your bid meet exactly as specified YES_____ NO_____

TAG LIGHT: The tag area shall be LED illuminated with the park light circuit.

Does your bid meet exactly as specified YES_____ NO_____

BODY CORNER POST PROTECTION: The lowest twenty four inches (24") of the corner post extrusions shall be protected against stones and road debris. The corner post guards shall be formed of .080 thick polished aluminum diamond plate, contour fit to the corner post extrusions and riveted into place. A bead of silver colored, silicone sealant shall be applied across the top edge of the guards. The bottom of edge of the guard shall be left unsealed to promote moisture drainage.

Does your bid meet exactly as specified YES_____ NO_____

FRONT OF BODY: The front of the body shall have skirt-line protection plates made of .080 aluminum diamond plate. The corner posts shall have form fit diamond plate protection height matched to the frontal plates. The height of the protection is twenty four inches up from the body skirt line.

Does your bid meet exactly as specified YES_____ NO_____

REAR ACCESS DOOR CHECKS: Rear access doors shall open at least 150 degrees. The door checks shall be 2 piece, heavy duty, cast aluminum, grabber type with gaskets. The door shall have a ½ round stock loop that plunges into a positive rubber/cast socket.

Does your bid meet exactly as specified YES_____ NO_____

RUNNING BOARDS: Running boards (An auxiliary step) shall be constructed of .100 diamond plate and be provided on each side of the cab. The running boards shall not deflect when stepped on. Built in diamond plate mud flaps shall keep front tire induced road grime off the step.

Does your bid meet exactly as specified YES_____ NO_____

REAR MUD FLAPS: Mud flaps behind both sets of rear tires shall be supplied and installed. The mud flaps shall be 1/4" thick natural rubber material. Each mud flap shall be sandwiched between the wheel well liner and a torque distribution plate. The torque distribution plate shall be at least .100 thick aluminum plate. Each mud flap shall be through bolted to the wheel well liner with at least three (3) one-quarter inch (1/4") diameter stainless steel bolt.

Does your bid meet exactly as specified YES_____ NO_____

COURTESY STEP LIGHTS: There shall be a pair of courtesy step lights consisting of a Whelen style T0CACCCR 2" light, or comparable, mounted to the front of the modular body on the lower body diamond plate stone guards. The lights shall be illuminated with the door ajar circuit for the cab doors.

Does your bid meet exactly as specified YES_____ NO_____

CORROSION: The anti-electrolysis procedure for any holes that are drilled for application of materials is to be as follows. After the hole is drilled, the opening(s) are to be treated with Tactile 517 prior to installation of any fasteners to guard against any future corrosion.

Does your bid meet exactly as specified YES_____ NO_____

EXTERIOR FASTENERS: All screw sites require a replaceable nylon insert for the fastener to thread into to isolate the dissimilar metals. Each hole shall be treated with an Electrolysis Corrosion Control compound (Tactile 517, or comparable) prior to installation of the nylon inserts. All exterior screws shall be stainless steel.

Does your bid meet exactly as specified YES_____ NO_____

BODY CORNER CAPS: The front and rear upper body corners shall include a cavity built into the aluminum body that shall not sacrifice the body integrity.

Does your bid meet exactly as specified YES_____ NO_____

FRONT CORNER ICC LIGHTS: The front body corner caps shall include DOT approved compliant light fixtures with clear lenses. The lenses shall house ICC fixtures that include amber LED's to be mounted to the front and front corners.

Does your bid meet exactly as specified YES_____ NO_____

FRONT ICC LIGHTS: Clearance lights shall be provided per FMVSS 108. The lights shall illuminate the height of the vehicle, define the vehicle center line. Three (amber) lights shall be provided on the front of the module and be populated with at least two LED's.

Does your bid meet exactly as specified YES_____ NO_____

REAR CORNER ICC LIGHTS: The rear body corner caps shall include DOT approved compliant light fixtures with clear lenses. The lenses shall house ICC fixtures that include red LED's to the rear and rear corners.

Does your bid meet exactly as specified YES_____ NO_____

REAR ICC LIGHTS: Clearance lights shall be provided per FMVSS 108. The lights shall illuminate the height of the vehicle, and define the vehicle centerline. Three red lights shall be provided on the rear of the module and be populated with at least two LED's.

Does your bid meet exactly as specified YES_____ NO_____

SIDE MARKER LIGHTS: Side marker lights shall be Kinequip Model 112401RD (Red), or comparable and shall flash alternately with the rear turn lights. All lights shall be LED.

Does your bid meet exactly as specified YES_____ NO_____

BRIGHT CHROME-LIKE FLANGES: The 600 series tail light group, or comparable shall be embellished by bright trim flanges.

Does your bid meet exactly as specified YES_____ NO_____

STOP/TAIL LIGHT: The stop/tail light fixtures on the rear of the body shall be Whelen Brand series 600 Fully Populated Light Emitting Diode, or comparable. The lights shall operate as both tail and stop modes and shall be red when illuminated.

Does your bid meet exactly as specified YES_____ NO_____

TURN SIGNAL LIGHT: The turn signal light fixtures on the rear of the body shall be Whelen Brand series 600, Light Emitting Diode, or comparable. The lights shall operate as left and right turn signal lights, and shall be amber arrow when illuminated.

Does your bid meet exactly as specified YES_____ NO_____

BACK UP SIGNAL LIGHT: The backup signal light fixtures on the rear of the body shall be Whelen Brand series 600, partially populated Light Emitting Diode, or comparable to operate as left and right back up signal lights and shall be clear when illuminated.

Does your bid meet exactly as specified YES_____ NO_____

POB LIGHTS: There shall be three small amber LED lights installed on the ambulance. Final location shall be determined by this department and noted on the final build order at confirmation. The lights shall be switched with patient area entry door jamb switches. There shall also be a spring loaded switch in the action area switch panel to deactivate these lights.

Does your bid meet exactly as specified YES_____ NO_____

THIRD BRAKE LIGHT: A third brake light shall be located centered above the rear access doors. The light/lens shall measure at least 15 square inches. The light is to be a Kinequip, model KFL-3BLO1 fixture, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

THIRD BRAKE LIGHT: When the brake is applied the light will steady burn.

Does your bid meet exactly as specified YES_____ NO_____

EXTERIOR FLOOD and LOAD LIGHTING:

LEFT SCENE LIGHTS: Two scene lights shall be provided on the left side of the module. The lights shall be Whelen LED-M9 series, or comparable. The scene light group shall meet or exceed the present revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

BRIGHT CHROME-LIKE FLANGES: The M9 scene light group shall each have bright chrome trim flanges.

Does your bid meet exactly as specified YES_____ NO_____

SCENE LIGHT SWITCHING: The scene lights shall come on with two separate rocker switches labeled Right Flood and Left Flood, located in the center cab console controlled by the master switch. The right (curb side) scene lights shall also come on when the side entry door is opened.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT SCENE LIGHTS: Two scene lights shall be provided on the right side of the module. The lights shall be Whelen LED-M9 series, or comparable. The scene light group shall meet or exceed current revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

BRIGHT CHROME-LIKE FLANGES: The M9 scene light group, or comparable, shall each have bright chrome trim flanges.

Does your bid meet exactly as specified YES_____ NO_____

REAR LOAD LIGHTS: Two rear load lights shall be provided on the rear of the module, above the rear access doors. The lights shall be Whelen LED-M9 series, or comparable. The scene light group shall meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

BRIGHT CHROME-LIKE FLANGES: The M9 scene light group, or comparable, shall each have bright chrome trim flanges.

Does your bid meet exactly as specified YES_____ NO_____

REAR LOAD LIGHT SWITCHING: The rear load lights shall come on with a separate rocker switch located in the cab console controlled by a master switch. The switch shall be labeled "Rear Flood" and shall control both rear load lights on the rear of the body and above the rear access doors. The rear load lights will come on when rear doors are opened.

Does your bid meet exactly as specified YES_____ NO_____

HVAC SYSTEM:

A/C UNIT LOCATION: On the floor behind the attendant seat. A/C Unit will have a ducted delivery system in the **ceiling** with eight (8) adjustable vents. Also two additional adjustable vents above and behind the attendant seat shall be provided. No corner ducted or in cabinet ducted system allowed.
NO EXCEPTIONS

Does your bid meet exactly as specified YES_____ NO_____

REAR AIR CONDITIONING EVAPORATOR: The module shall have an additional, self-contained A/C unit complete with an evaporator coil, heater core and a 12 volt blower. The blower shall consist of two concentrically located cylinder fans mounted on one common 12 volt motor. The fan shall be three-speed and shall deliver 580 cubic feet of air per minute on high.

The unit shall be rated at least 32,000 British Thermal Units (BTU) in A/C Mode and 43,300 BTU in Heater Mode. The Vehicle A/C and Heat system must meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

CONDENSATION DRAIN PAN: A condensation pan shall be provided to collect water condensation from the evaporator coil. The drain pan shall be formed from 1/8 ABS plastic sheet and shall be listed (tilted) toward the drain fitting. The Evaporator unit shall be mounted so that the weight of the coil, case and blower assembly does not rest on the pan. Additionally the entire evaporator shall list toward

the condensation drain fitting to enhance water flow to the drain hose. The drain hose shall be ½ I. D., collapse resistant and fiber reinforced poly-tubing. The hose shall be routed from the condensation pan to the street.

Does your bid meet exactly as specified YES_____ NO_____

HEATER HOSES: Heater hoses for the cab shall remain OEM. 5/8 inside diameter, EPDM Nomex rubber hoses shall route from the OEM tie in point to the rear heater core.

Does your bid meet exactly as specified YES_____ NO_____

AIR CONDITIONING HOSES: All A/C Hoses shall meet Society of Automotive Engineers (SAE) J-2064. The discharge (High side) hoses shall not be less than 5/16 inside diameter (Size 6). The suction (Low side) hoses shall not be less than ½ inside diameter (Size 10). All hoses shall be A.S.T.M. Type D, with a thermoplastic inner liner (Nylon) that is protected by two textile reinforced braided electrometric outer jacket. The hose shall be qualified for use with R-134A, R-404 and R-407. The hose specified herein shall be subjected to a battery of tests per A.S.T.M. D-380. The results shall be supplied by the hose manufacturer.

Does your bid meet exactly as specified YES_____ NO_____

RETURN AIR GRILLE: Installed around the Heat/AC unit shall be a perforated 13 gauge steel grille. The grille shall allow 156 inches of return air flow to the Heat/AC unit. The grille shall provide complete access to the Heat/AC unit. The grille to have a black-powder coat finish. There shall be two quarter turn locks supplied and installed on the grille. The locks shall have a black powder coated finish. Lock pawl activation shall be enabled with a round bitted key.

Does your bid meet exactly as specified YES_____ NO_____

CARBON FILTER: The return air grille shall be supplied with a pre carbon filter that is designed to fit the slot within the grille. It shall be installed and shall not rattle. The filter shall be replaceable and/or cleanable by this department's fleet maintenance in the field.

Does your bid meet exactly as specified YES_____ NO_____

CEILING DUCTED INSULATED AIR CONDITIONING DELIVERY: One duct shall route over the primary patient and attendant, and one shall run over the lap area of squad bench. Each duct shall contain four spherically adjustable registers, evenly spaced, total of 8. There shall also be two registers located directly behind the attendant's seat.

Does your bid meet exactly as specified YES_____ NO_____

REAR AC CONTROLS: An ON/OFF switch shall be located in the action area. The switch will not control fan speed. A separate three speed fan speed control switch shall be located in the action area control panel.

Does your bid meet exactly as specified YES_____ NO_____

LINER PANELS: The patient cabin head liner substrate material shall be one quarter inch thick, composite metal with powder coated finish laminated to center plastic material. An upholstered center panels shall provide access to ceiling wiring and be covered in the same upholstery type as the seat and back rest pads found on the squad bench and/or CPR seat.

Does your bid meet exactly as specified YES_____ NO_____

PATIENT CABIN DOME LIGHTS: The patient cabin shall have eight dual intensity Kinequip LED dome lights, or comparable, in the ceiling. The domes centers shall be aligned along two, four light banks. The left bank shall provide light directly over the patient; the right bank shall provide light directly over the aisle/squad bench. The dome lights and configuration shall meet current Federal Specifications KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

PATIENT CABIN FLUORESCENT LIGHTS: In addition to the base dome light package, three recess mounted fluorescent light shall be installed in the ceiling center pad, centered between the right and left bank of dome lights. The light(s) shall be 12 Volt Thinlite #716XL (18" long) or approved equal. A cutoff switch located in the action area panel will be installed in addition to the switch on the end of the fixture.

Does your bid meet exactly as specified YES_____ NO_____

FLUORESCENT LIGHT LOCATION: The aforementioned fluorescent light shall be located in the center panel of the patient cabin ceiling. The longitudinal light position shall emphasize light intensity on the patient.

Does your bid meet exactly as specified YES_____ NO_____

15 MINUTE TIMER: A variable 0 to 15 minute, spring wound mechanical timer switch shall provide temporary illumination of the patient cabin for check out purposes. The switch input shall be wired directly to the vehicle batteries. The switch shall be located on the curbside wall, by the C/S access doors over the squad bench lid. The timer circuit shall comply with the latest revision of KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

LIGHTS POWERED BY TIMER: The aforementioned timer shall power all of the fluorescent lights, mounted in the ceiling panels. The duration of the light shall vary with the setting of the timer.

Does your bid meet exactly as specified YES_____ NO_____

AUXILIARY STEREO SPEAKERS: Two 5 inch diameter stereo speakers shall be wired to the O.E.M. Dash mounted radio. The speakers shall be rated at least 30 watts, 16W RMS with 4 ohms of impedance. The magnet shall be at least 6 ounces. One speaker shall be located in the center pad toward the front of the patient cabin and one toward the rear.

Does your bid meet exactly as specified YES_____ NO_____

VOLUME CONTROL: A variable volume control for the patient compartment stereo speakers shall be provided in the action area panel, adjacent to the switch panel.

Does your bid meet exactly as specified YES_____ NO_____

IV HOOK No 1: One chrome plated, surface mounted IV hook, with a spring loaded retention gate shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: Located of the Primary patient, in the close proximity to the Head/Chest area of the

patient.

Does your bid meet exactly as specified YES_____ NO_____

IV HOOK No 2: One chrome plated, surface mounted IV hook, with a spring loaded retention gate shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: Located of the Secondary patient, in the close proximity to the Head/Chest area of the patient.

Does your bid meet exactly as specified YES_____ NO_____

IV HOOK No 3: One chrome plated, surface mounted IV hook, with a spring loaded retention gate shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: Located of the Primary patient, in the close proximity to the Knee/Waist area of the patient.

Does your bid meet exactly as specified YES_____ NO_____

IV HOOK No 4: One chrome plated, surface mounted IV hook, with a spring loaded retention gate shall be supplied in the ceiling of the patient cabin. The hook shall feature an anti-swing strap next to the hook.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: Located of the Secondary patient, in the close proximity to the Knee/Waist area of the patient.

Does your bid meet exactly as specified YES_____ NO_____

RECESSED CURB SIDE OVER HEAD ASSIST RAIL: The rail shall exceed the current revision of current Federal specification KKK-A-1822. The rail shall be 1 ¼ diameter, 100% stainless steel with gray anti-microbial coating and 72 inches long. All rail fittings shall be TIG welded to the main rail. The rail shall be recessed in an ABS pan 1.5", located curbside of center pad.

Does your bid meet exactly as specified YES_____ NO_____

MODULE INSULATION: The module insulation, except the under the floor shall consist of material having the following characteristics, 8mm thick nonabsorbent, reflective and shall have an air cell core. The air cell core shall consist of one layer of polyethylene bubble film that is sandwiched between one (1) layer of 99 percent pure aluminum foil and white colored polyethylene film. The insulation shall be installed with at least ½" air space from exterior skins, exposed to direct sun light. The insulation thermal rate testing shall be conducted in accordance with A.S.T.M. E84-89A, ANSI 2.5, NFPA 255, UBC 42-1, and U. L. 723. The walls shall not be less than R-15.0 down, R-7.31 Horizontally and R5.4 up. The insulation shall have a NFPA Class A and a UBC Class 1 fire rating with a flame spread index of 20 and a smoke developed index of 30. The application shall include a single layer of the insulation on all four walls, doors, compartments, ceiling and floor.

Does your bid meet exactly as specified YES_____ NO_____

MODULE FLOOR INSULATION: The floor shall have 0.5 inch thick mass loaded acoustical (XPS) extruded polystyrene foam composite attached to the inside floor surface to provide a noise reduction of 75%. Patient compartment floor is now fully insulated for sound deadening and enhanced temperature control without increasing load height. The total R value of the floor must be greater than or equal to 4.5 to 5.0 per inch.

Does your bid meet exactly as specified YES_____ NO_____

SOUND DEADENING ON COMPARTMENT WALLS: There shall be sound deadening material installed on the patient module side of the compartment wall skins prior to cabinet installation. The sound deadening material shall be self-adhering and cut to fit the vertical surfaces.

Does your bid meet exactly as specified YES_____ NO_____

PUBLIC ADDRESS (Visual) WARNING LIGHTS:

LIGHT BAR ALTERNATIVE:

WARNING LIGHTS: There shall be four Whelen M9 Blue LED lights with Clear lens, or comparable, and programmable flash functions installed.

Does your bid meet exactly as specified YES_____ NO_____

The above LED light(s) shall be programmable to flash without an external flasher.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGES: Whelen bright chrome (Flanges), or comparable, shall be on all of the "M" Series, or comparable, light heads.

Does your bid meet exactly as specified YES_____ NO_____

ALTERNATIVE LIGHT BAR SWITCHING: The switching of the lighting package that makes up the alternative light bar package shall be through the Primary/Secondary switching system. All red lights shall be through the primary side of the switch and any clear lighting (if optioned) shall be through the secondary side.

Does your bid meet exactly as specified YES_____ NO_____

WARNING LIGHT FLASHER: There is not to be an external flasher unit. The LED warning lights shall each flash independently of each other. There shall be no preset flash pattern and it will not comply with the present revision of KKK-A-1822. This agency chooses to have this flash pattern as we feel that it is as effective as the required flash pattern incorporated within the verbiage of the present revision of KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

PRIMARY / SECONDARY SWITCH: The warning light system shall be controlled with a switch located in the cab console. The switch shall allow for "Off" position, "Primary" position, and

"Secondary" position. Each output of the switch shall be indicated with a small red lamp, integrated in the switch legend area. The switch shall have an engraved, illuminated legend that clearly defines the function of the switch.

Does your bid meet exactly as specified YES_____ NO_____

GRILLE LIGHTS:

LIGHT HEADS: A pair of Whelen Engineering, M4 Series Blue LED lights with Clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request. This light has a built in flasher to program independently.

Does your bid meet exactly as specified YES_____ NO_____

INTERSECTION LIGHTS:

LIGHT HEADS: A pair of Whelen Engineering, M2 Series Blue LED Light heads with clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD HOUSING: The intersection light shall have a contoured housing to fit the OEM fender.

Does your bid meet exactly as specified YES_____ NO_____

CENTER FRONT BODY LIGHT:

LIGHT HEADS: A Whelen Engineering M9 Series White LED Light head with a clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

OUTER FRONT BODY LIGHTS:

LIGHT HEADS: A pair of Whelen Engineering M9 Series Blue LED Light heads with clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a

smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

UPPER SIDE BODY LIGHTS:

LIGHT HEADS: Two pair of Whelen Engineering, M9 Series Blue LED Light heads with clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s).

Does your bid meet exactly as specified YES_____ NO_____

REAR INTERSECTION LIGHTS:

LIGHT HEADS: A pair of Whelen Engineering, M7 Series Blue LED Light heads with clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

REAR OUTER BODY LIGHTS:

LIGHT HEADS: A pair of Whelen Engineering, M9 Series Blue LED Light heads with clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

ADDITIONAL REAR BODY LIGHTS:

LIGHT HEADS: A pair of Whelen Engineering M9 Series Blue LED Light heads with clear lens, or comparable, shall be supplied in the aforementioned location.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: On the rear of the module, aligned with each upper window in the access doors. The light shall flash through the window when the doors are opened.

Does your bid meet exactly as specified YES_____ NO_____

CENTER REAR BODY LIGHTS:

LIGHT HEADS: A Whelen Engineering, M6 Series Amber LED Light head with a clear lens, or comparable, shall be supplied in the aforementioned location. The light head shall feature Light Emitting Diodes. The light head shall comply with all photometric, chromaticity and physical requirements set forth in the current revision of Federal specification KKK. The lens shall feature a smooth outer surface designed to filter light frequency (Color) evenly over the area of the entire light head. A certificate of Compliance shall be made available to the agency upon request.

Does your bid meet exactly as specified YES_____ NO_____

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on the above "M" Series light head(s), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

PROGRAM SWITCH WIRING: The emergency lighting harness shall include cabling for light program changing from the circuit board. Each light head location shall have a cable routed from the light head location to the circuit board area. The cable shall be minimum shielded, 18 awg cable, with a polyvinyl chloride (PVC) jacket.

All aforementioned cables shall have six inch service loop on each end to allow for future connections.

Does your bid meet exactly as specified YES_____ NO_____

SYNC SWITCH WIRING: The emergency lighting harness shall include cabling for light syncing from the circuit board. Each light head location shall have a cable routed from the light head location to the circuit board area. The cable shall be minimum shielded, 18 awg cable, with a polyvinyl chloride (PVC) jacket. All aforementioned cables shall have six inch service loop on each end to allow for future connections.

Does your bid meet exactly as specified YES_____ NO_____

OVERHEAD CAB DOME LIGHT: A pair of 12 Volt Kinequip LED lights, or comparable, shall be installed in the cab headliner, one over driver and one passenger side to illuminate each side of the cab. The switch on each light shall switch the light from Off to Red and Off to Clear.

Does your bid meet exactly as specified YES_____ NO_____

SPOT LIGHT: A hand held 140,000 candle power 100 watt halogen spot light shall be provided in the cab. The housing shall be an impact resistant, one piece Unibody UV treated black colored neoprene. The light shall feature a momentary rocker switch to prevent the light from burning while not in the user's hand. This light shall feature a coil type cord that is at least three feet long retracted and fifteen feet extended. The weight of this light shall not exceed three pounds.

Does your bid meet exactly as specified YES_____ NO_____

HANDHELD SPOTLIGHT LOCATION: The aforementioned spot light shall be hard wired to the center console. The light shall be enabled through the battery switch.

Does your bid meet exactly as specified YES_____ NO_____

TWO BATTERY SYSTEM: The ambulance conversion and chassis shall run with two maintenance free twelve volt batteries as specified below.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY LOCATION: Both batteries shall be located under the OEM hood in the engine compartment.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY BRAND: Both batteries shall be the OEM brand, same model and type. Each battery shall be rated at a minimum OEM rating. The batteries shall be warranted by the OEM manufacturer for at least three years (thirty six months) from the date of delivery to the agency.

Does your bid meet exactly as specified YES_____ NO_____

EMERGENCY START CIRCUIT: The apparatus shall run and operate off of two primary batteries while the remaining one is kept in "Emergency reserve". The battery shall charge through a Vanner, or comparable, heavy duty battery isolator. Only the primary batteries shall be under load until the primary batteries fail to start or shows other signs of weakness. The driver / User can activate a momentary "Emergency Start" switch that will enable the secondary reserve battery to add amperage and voltage to the weak primary batteries and enable the apparatus to start, run and complete the mission. This is to be accomplished with a Kissling, or comparable, 300amp solenoid. The driver / user has been trained to seek mechanical attention when this occurs at the first available opportunity after the mission is complete.

Does your bid meet exactly as specified YES_____ NO_____

EMERGENCY START INDICATOR LIGHT: A steady burn light on the dash shall turn on when the "emergency start" switch is depressed. This light is designed to make the driver / user seek mechanical attention to the weak primary batteries. This light shall also be an indicator to anyone else, on a subsequent shift to identify the current condition of the batteries.

Does your bid meet exactly as specified YES_____ NO_____

RESET BUTTON: The light shall be reset by a hidden reset switch on the locked circuit board. The mechanic who addresses the battery / charging system issue will reset the batteries to function normally and the indicator light will go out.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY WIRING: The alternate battery shall be wired to charge through a battery isolator so that they are kept separate from the main chassis batteries.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY SWITCH: A conversion disconnect switch shall be supplied to remove positive polarity from the ambulance conversion circuits. Constant battery power shall be supplied for device memories. None of the chassis functions shall be affected by this switch per Fords Qualified Vehicle Modifiers program, bulletin No 63, or comparable program. The switch shall be a Cole Hersee Model M2484-16, or comparable, with a legend bezel that defines the ON and OFF position. An indicator light shall illuminate on the cab console panel.

Does your bid meet exactly as specified YES_____ NO_____

POWER MODULE DOOR LOCKS: Each compartment and/or entry doors listed below shall Lock or Unlock with a single depression of a momentary switch. Each door shall be fitted with a bidirectional, momentary electric solenoid designed to operate a mechanical rod in a linear fashion. The rod shall mechanically interface with the door lock mechanism inside the door. All rod connections shall be designed for high cycle operation without mechanical disconnection. The battery compartment shall NOT have the power lock/unlock feature. This compartment shall remain key operated.

Does your bid meet exactly as specified YES_____ NO_____

DOOR LOCK SWITCH: The aforementioned door lock(s), shall be wired to activate with the OEM cab door locks and their switches in the cab.

Does your bid meet exactly as specified YES_____ NO_____

OEM KEY FOB OPTION: The aforementioned door lock(s), shall be wired to activate with the OEM cab door locks and their switches in the cab as well as the OEM remote key fob activator.

Does your bid meet exactly as specified YES_____ NO_____

DOOR LOCK SWITCHES: The module entry doors shall have internal integrated electric door lock activation switches.

Does your bid meet exactly as specified YES_____ NO_____

ONLY the following doors shall have power door locks:

POWER DOOR LOCK (M1): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (M2): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (M-3): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (Rear Module Entry): There shall be installed an electric solenoid powered actuator for the module door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (M-5): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (M6): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (Curbside Entry Door): There shall be installed an electric solenoid powered actuator for the module entry door lock.

Does your bid meet exactly as specified YES_____ NO_____

POWER DOOR LOCK (M7): There shall be installed an electric solenoid powered actuator for the compartment door lock.

Does your bid meet exactly as specified YES_____ NO_____

REMOTE KEYPAD #1: There shall be a remote keypad installed on the ambulance for unlocking the doors that have electric door lock actuators.

Does your bid meet exactly as specified YES_____ NO_____

REMOTE KEYPAD LOCATION: The keypad shall be installed on the side of body by the curbside door.

Does your bid meet exactly as specified YES_____ NO_____

REMOTE KEYPAD #2: There shall be a remote keypad installed on the ambulance for unlocking the doors that have electric door lock actuators.

Does your bid meet exactly as specified YES_____ NO_____

REMOTE KEYPAD LOCATION: The keypad shall be installed on the front of body.

Does your bid meet exactly as specified YES_____ NO_____

CAMERA SYSTEM: The vehicle shall include a single camera backup monitoring system. The system shall include, but not limited to a 7" color monitor that is mounted within clear view of the driver, but not to obstruct view out the front windshield at eye level. 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. There shall be 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.

Does your bid meet exactly as specified YES_____ NO_____

ELECTRICAL SYSTEM 12 Volt General

MODULE GROUNDING: A minimum of (2) two braided ground straps shall be through bolted to the chassis frame and the floor structure of the modular body. The bolts shall be at least 3/8 diameter. A flat washer shall be provided under the head of the bolt, over the strap lug. Additionally an internal tooth lock washer shall preclude loosening. Conventional stranded copper cables are not acceptable because they do not suppress RFI and does not meet SAE J551.

Does your bid meet exactly as specified YES_____ NO_____

GENERAL GROUNDS: To comply with current Federal specification KKK-A-1822 plus enhance ground quality and reduce trouble shooting time, all devices wired within the ambulance conversion shall be centrally grounded. Each device shall have a separate ground wire routed to a central buss bar then grounded via fine strand cable to the module body. Local grounds are acceptable only when the device is drawing at or less than 100 milliamps (0.1 amps).

Does your bid meet exactly as specified YES_____ NO_____

12 VOLT WIRE: All wires within the ambulance harnesses shall meet current Federal specification KKK-A-1822. All wire insulation shall be GXL cross-linked polyethylene. Permanent wire identification and wire function shall be printed on 4 centers along the full length of the wire. Wire conductors shall be stranded copper.

Does your bid meet exactly as specified YES_____ NO_____

WIRE PROTECTION: All wire within the conversion shall be protected and run in split convoluted loom with a melting temperature of 300 degrees, Fahrenheit. All wire harnesses shall be clamped and routed to eliminate possibility of damage due to cut/chaffed wire. Grommets made of rubber or plastic shall be used where harnesses pass through metal or wood. Large holes and irregular shaped wire passages shall use automotive edge trim to protect the wire conduit/loom. Wire harnesses shall be neatly clamped into protective routing areas away from heat sources, unfriendly edges or moving devices.

Does your bid meet exactly as specified YES_____ NO_____

CIRCUIT BOARD: The single relay control board is a fully integrated relay control board designed and built to IPC Class 3* guidelines. The VF4 style socket relay is rated at 20A at 24 VDC with built-in on-board diode suppression. Three status indicators for Blown Fuse, Coil Power and Load allow for intuitive operation and troubleshooting. Also included is a medium sized ATO blade style fuse / circuit breaker holder that is rated for 20A. Wiring connections are made via a WAGO Cage Clamp removable lockable connector, which provides a secure, vibration proof and corrosion resistant wire termination. Installation time is reduced by as much as 75%. All of these features are mounted in a 2"x2" DIN Rail mountable package. Clearly, the Single Relay Control Board is a best-in-class solution for Emergency

Vehicle relay applications, or comparable.

If the bidder cannot meet the exact electrical system specified above then bidder shall furnish one complete printed circuit board including switch panels with bid proposal prior to bid opening. This electrical system shall not be mounted in a vehicle. It is to be shipped loose. This will allow purchasing committee the opportunity to inspect quality and features of the electrical system you are specifying in your proposal. The above system will remain with the department until vehicle is delivered or deemed not desired. It will be returned at bidder's expense.

Does your bid meet exactly as specified YES_____ NO_____

Signature_____

CIRCUIT BREAKERS: All conversion related circuits shall be protected with manual reset blade breakers. The value of the breaker for each circuit shall not exceed 75% of the rated capacity of the weakest component in the circuit.

Does your bid meet exactly as specified YES_____ NO_____

CAB CONSOLE: An ergonomically designed console with a A-A plywood substrate shall be contour matched to the cab floor. The console shall be a parallel wall design with a twelve and one half inch over all width. End panels and center console bulkhead panels shall add rigidity and square to the console. The substrate shall be laminated per the following finish specification.

Does your bid meet exactly as specified YES_____ NO_____

SWITCH PANEL, CAB CONSOLE: A switch panel made from 3/16 thick, translucent, acrylic sheet. The acrylic material shall evenly disperse label, indicator illumination. The Sheet shall be coated with a black colored, rigid plastic film. A CNC router shall engrave permanent switch legends, switch holes, meter holes, and indicator legends. The switches shall be organized in two rows. The top row shall start with an Emergency Master, followed by all of the emergency related switches. The bottom row shall start with a Master Switch, followed by all of the non-emergency related switches. The switch panel features an auto-dimming capability as related to a light sensor in the volt meter. Each switch features a reinforced hub as part of the integral sealed housing. The Sealed rocker switches are LED illuminated. Each switch meets or exceeds IP66 ratings for contamination.

Does your bid meet exactly as specified YES_____ NO_____

REAR SWITCH PANEL, ACTION AREA: A switch panel made from 3/16 thick, translucent, acrylic sheet. The acrylic material shall evenly disperse label, indicator illumination. The Sheet shall be coated with a black colored, rigid plastic film. A CNC router shall engrave permanent switch legends, switch holes, meter holes, and indicator legends. The sealed switches shall be organized in one row and control all patient compartment functions, dome lights, action area light, exhaust vent, inverter (if equipped), HVAC, suction pump and any added features.

Does your bid meet exactly as specified YES_____ NO_____

MASTER SWITCHES: The patient area master switches shall be located in both the cab switch console and the action area console in the patient area. They shall operate like a 3-way system.

Does your bid meet exactly as specified YES_____ NO_____

VOLT METER: The charging system voltage condition shall be indicated through a conventional two inch diameter, analog type gauge. The volt meter shall be wired through the ignition switch and indicate system voltage ranging from eight to sixteen volts, direct current.

Does your bid meet exactly as specified YES_____ NO_____

CUSTOM LOGO: The agency's custom logo shall be engraved at the top of the main cab switch panel. The logo shall be to scale and back lighted with the head light switch.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT AJAR INDICATOR LIGHT: A back lighted "Compt Open" light shall be engraved in the cab console's main switch panel. This light color shall be AMBER. The light shall meet current Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

INDICATOR LIGHT FUNCTION: The door ajar indicator light shall flash when two conditions are met:

- 1) The main conversion power switch is turned to the ON position.
- 2) Any compartment or entry door is opened.

The door ajar light shall come ON with a door that is not COMPLETELY latched.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY POWER "ON" INDICATOR LIGHT: An indicator light, labeled "Amb Pwr" shall be engraved in the cab console's main switch panel. The light color shall be GREEN. The light shall meet current Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

INDICATOR LIGHT FUNCTION: The "Amb Pwr" indicator light shall burn steady when the main conversion power switch is turned to the ON position.

Does your bid meet exactly as specified YES_____ NO_____

DOOR AJAR INDICATOR LIGHT: A back lighted "Door Ajar" light shall be engraved in the cab console's main switch panel. This light color shall be RED. The light shall meet current Federal Specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

SWITCHPANEL ILLUMINATION: Illumination of the switch panels shall be provided by LED strips attached to the underside of the switch panels. The strips shall be powered by 12volt DC.

Does your bid meet exactly as specified YES_____ NO_____

AUXILIARY CAB CONSOLE: An ergonomically designed extension console shall be contour matched to the Main ambulance conversion console. The console shall be a tapered design with a fourteen and one half inch width at the front of the console and a twelve inch width at the rear of the console. The height shall not exceed the height of the engine cover console measured at the rear. The length of the console, measured at the center, shall be at least twenty-one inches.

Does your bid meet exactly as specified YES_____ NO_____

DRINK HOLDERS: The aforementioned extension console shall feature two drink holders, large enough to accommodate 44 ounce paper cups. The drink holders shall be recessed into the console with one piece, self-rimming trim rings. The console finish and the drink hole recessed areas shall be water proof, due to cup condensation.

Does your bid meet exactly as specified YES_____ NO_____

The Drink Holder shall be located at the Front of the Add-On Console.

Does your bid meet exactly as specified YES_____ NO_____

NOTE BOOK SLOT: The aforementioned extension console shall feature a four inch by full width slot specifically designed to hold note books and/or clipboards. The inside finish of the slot shall be of the same material as the outside laminate. The slot shall be located in the rearward most end of the extension console.

Does your bid meet exactly as specified YES_____ NO_____

CAB ARMRESTS: A permanent mounted padded armrest shall be bolted to the driver's and passenger's side of the cab center console. .

Does your bid meet exactly as specified YES_____ NO_____

Customer Radios: Space for Customer installed Radio Heads shall be provided in aforementioned console.

Does your bid meet exactly as specified YES_____ NO_____

GLOVE STORAGE: There shall be glove storage at the rear of the add-on console as part of console. It shall be designed to hold (4) four boxes of gloves standing on end for easy access.

Does your bid meet exactly as specified YES_____ NO_____

CAB CONSOLE FINISH: The console body shall be finished with a 20 mil Easy Grip film. The Easy Grip shall be a self-adhesive as well as bonded to the substrate with high bond contact adhesive. All joints shall be inconspicuous and bonded along the edges.

Does your bid meet exactly as specified YES_____ NO_____

CAB CONSOLE FINISH: The console body shall be finished with a 20 mil Easy Grip film. The Easy Grip shall be a self-adhesive as well as bonded to the substrate with high bond contact adhesive. All joints shall be inconspicuous and bonded along the edges.

Does your bid meet exactly as specified YES_____ NO_____

BACK UP ALARM: The apparatus shall include a 97 to 107 decibel back up alarm, activated by shifting into reverse.

Does your bid meet exactly as specified YES_____ NO_____

CUT-OFF SWITCH, BACK UP ALARM: The back-up alarm shall include a momentary type cut off

switch to silence the alarm. The alarm enable circuit shall automatically reset when the transmission is shifted out of REVERSE, hence the back-up alarm will sound when the vehicle is placed in REVERSE again.

Does your bid meet exactly as specified YES_____ NO_____

GROUND STRAPS: Four (4) 7/8" wide by 1/8" thick, fine strand, woven straps shall provide a ground path from the module body to the chassis frame. Woven straps filter out RFI noise originating from alternators, strobe power supplies and other devices that may find their way into intercom, stereo and two way communication radios. Each end of the ground straps shall be through bolted with 3/8" diameter, grade 5 or 8, hex head bolts and lock nuts. Each connection site shall be cleaned to the bare metal prior to fastening the strap. The connections shall have a dielectric anti corrosion spray applied.

Does your bid meet exactly as specified YES_____ NO_____

12 VOLT POWER INVERTER: A highly reliable electronic power conversion unit that utilizes MOSFET power semiconductors and a microprocessor controller shall be supplied, installed and wired to the outlets specified herein. A Built in 30A automatic transfer switch shall transfer all loads from the inverter to the shore line, when the shore line cord is plugged into 125 vac shoreline power. The device shall convert 12 volt DC battery power into 1,050 watts of precisely regulated modified sine wave 125 volt AC power. The device shall hold output power between 114 volts and 126 volts AT a frequency of 59.9 to 60.1 Hertz.

The device shall not consume more than 105 amperes at 12 volts direct current (DC). The device shall be certified by Underwriters Laboratories to the present revision of the Federal Specification KKK-A-1822. The location of the inverter is specified below.

Does your bid meet exactly as specified YES_____ NO_____

POWER SOURCE FOR PORTABLE EQUIPMENT No 1: Power sources are located and included with a purchased inverter.

Does your bid meet exactly as specified YES_____ NO_____

LOCATIONS: The power sources shall be located (1) console, in the cab and (1) behind the A/A panel.

Does your bid meet exactly as specified YES_____ NO_____

POWER SOURCE: The aforementioned power provision shall be fed off of the output of the ignition switch or when the battery charger/conditioner is connected to the shoreline.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY CHARGER/CONDITIONER: When the system is connected to shore/utility power, the battery charger will automatically charge the batteries then keep them fully charged. The system's microprocessor controls the charging sequence, starting with the high charger (55 Amp) mode. When the batteries are fully charged, it switches to the ready/maintenance mode to keep the battery "topped up". The battery charger shall be designed to charge either lead acid flooded (wet) or gel type batteries.

Does your bid meet exactly as specified YES_____ NO_____

BATTERY CHARGER: The aforementioned battery charger shall be wired to the vehicle batteries to allow charging/conditioning when the shoreline is energized.

Does your bid meet exactly as specified YES_____ NO_____

MOUNTING LOCATION: The power inverter and the battery charger shall reside in the left front middle compartment.

Does your bid meet exactly as specified YES_____ NO_____

LOW VOLTAGE INDICATOR: There will be an amber indicator light located in the cab console to illuminate if the vehicle voltage drops below 11.8 volts DC. If the voltage remains under 11.8 volts DC in excess of 120 seconds, there shall be a warning buzzer in addition to the light.

Does your bid meet exactly as specified 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

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: The power source shall be located behind the Action area control panel in the patient cabin.

Does your bid meet exactly as specified YES_____ NO_____

COMMUNICATIONS RADIO ANTENNA PRE-COAX No 1: This coaxial cable shall be RG58-U type. Leave an 18 service loop at the mod roof and a 36 tail at the interior termination point. A tag shall specify the other termination point for each coax provided.

Does your bid meet exactly as specified 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.

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified YES_____ NO_____

125V SHORE LINE AND OUTLETS

SHORE LINE INLET: The primary 125 Volt shore line inlet, rated at 30 Amperes shall be supplied. The plug style shall be a twist-lock style (NEMA L5-30) with a ground. The inlet shall be protected with a weather proof, gray colored cover.

Does your bid meet exactly as specified YES_____ NO_____

125 VAC OUTLETS

125 VAC OUTLET No. 1: The following outlets shall be UL listed, 125 Volt, Hospital grade, Straight blade NEMA 5-15R outlets. Each outlet shall be installed in a UL listed, recessed, fiberglass back box with a minimum of one and three quarter inch of box depth. The outlet cover shall be stainless steel. The outlet must be grounded and protected by a GFI (Ground Fault Interrupted) Breaker. Each outlet body must illuminate when power is applied to the outlet. Each Outlet shall be clearly labeled with a permanent RED colored decal defining the outlet voltage.

Does your bid meet exactly as specified YES_____ NO_____

OUTLET LOCATION: This 125 Volt outlet shall be located in the patient cabin's main "Action Area", with location as shown on the approval drawings.

Does your bid meet exactly as specified YES_____ NO_____

125 VAC OUTLET No. 2:

OUTLET LOCATION: This 125 Volt outlet shall be located inside of the right front ALS Cabinet. The outlet shall be mounted on the back wall of the cabinet (related to inside access) in the upper right corner. The location of the outlet shall be defined on the proposal drawings.

Does your bid meet exactly as specified YES_____ NO_____

125 VAC OUTLET No. 3:

OUTLET LOCATION: This 125 Volt outlet shall be located in the patient cabin's, telemetry area that is located just aft of the street side CPR side seat. The outlet shall be mounted on the back wall so that the depth of the back box does not protrude into adjacent cabinets. The location of the outlet shall be defined on the proposal drawings.

Does your bid meet exactly as specified YES_____ NO_____

125 VAC OUTLET No. 4:

OUTLET LOCATION: This 125 Volt outlet shall be located in the patient cabin's computer drawer that

is mounted under the action area.

Does your bid meet exactly as specified YES_____ NO_____

INTERIOR 12 Volt Direct Current (DC) OUTLETS:

12 VOLT OUTLET No 1: This outlet shall be wired the same as outlet #1.

Does your bid meet exactly as specified YES_____ NO_____

OUTLET LOCATION: This 12 Volt outlet shall be located in the patient cabin's main "Action Area", on the back wall.

Does your bid meet exactly as specified YES_____ NO_____

POWER SOURCE: The input for the outlet shall be wired to the output of the battery switch.

Does your bid meet exactly as specified YES_____ NO_____

12 VOLT OUTLET No 2: This outlet shall be wired the same as outlet #1.

Does your bid meet exactly as specified YES_____ NO_____

OUTLET LOCATION: This 12 Volt outlet shall be located inside of the right front ALS Cabinet. The outlet shall be mounted on the back wall of the cabinet (related to inside access) in the upper right corner. The location of the outlet shall be defined on the proposal drawings.

Does your bid meet exactly as specified YES_____ NO_____

SOURCE: The input for the outlet shall be wired exactly like outlet Number One.

Does your bid meet exactly as specified YES_____ NO_____

ELECTRONIC SIREN: The Whelen 295HFSA7 siren hardware, or comparable, shall consist of a control head with a remote mounted amplifier. The mono or dual sound output shall include 8-programmable operating profiles and include a removable microphone. The siren control head shall feature a rocker type power switch, rotary function/Mode switch, a Manual momentary button switch and a microphone volume control potentiometer.

Does your bid meet exactly as specified YES_____ NO_____

SIREN SPEAKERS: Cast Products model No SA4327 siren speakers, or comparable, shall be supplied and installed through the front bumper. Each speaker shall have a 100 watt driver and shall emit from the front OEM bumper. The horn shall feature a bumper contour matched bezel that provides a mounting rim large enough for four counter-sink fastener holes. The ambulance manufacture shall use four (4) stainless steel, #2 Phillips oval head 1/4-20 x 2" machine screws with stainless steel nylon type locking nuts, stainless steel split lock washer and flat washers to fasten each speaker to the bumper. The siren and speakers shall meet or exceed all performance criteria set forth in Federal specification KKK-A-1822D 3.14.6. For any non-similar metal surfaces a corrosion inhibitor compound prior to final installation of the speakers.

Does your bid meet exactly as specified YES_____ NO_____

SIREN OR HORN SELECTOR SWITCH: The O.E.M. horn ring shall control the O.E.M. electric horn

and the siren's manual momentary input controls. A switch shall connect the horn ring to either the O.E.M. HORN or to the SIREN. The switch shall be located in the cab console's switch panel. The switch legend that clearly defines the switch function shall be engraved in the switch panel. The legend shall be illuminated when the head light switch is on.

Does your bid meet exactly as specified YES_____ NO_____

ADDITIONAL SIREN SPEAKERS: There shall be an additional siren installed on the ambulance. The secondary siren shall be a Whelen Howler siren with amplifier and dual driver's, or comparable. There shall be custom bracket as needed to accommodate the chassis application.

Does your bid meet exactly as specified YES_____ NO_____

MOUNTING BRACKET: There shall be a specific mounting bracket a Whelen model HWLRB22 used to install the howler siren speaker, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

MICA COLOR: The mica color selection shall be White with a Glossy finish. A sample of the subject mica color shall be supplied at the post award conference.

Does your bid meet exactly as specified YES_____ NO_____

LEXANTM COLOR: The LEXANTM throughout the vehicle shall be transparent with a gray medium tint. All doors shall be at least three sixteenths of one inch thick (3/16"), shatter proof and scratch resistant. The edges of the door shall be worked and burned smooth. The material shall be flexible enough to be cold formed (Bent) at ninety degrees, without fracturing the material.

Does your bid meet exactly as specified YES_____ NO_____

HANDLES, LEXAN WINDOW DOORS: Full height, anodized aluminum, extruded drive on handles shall be supplied on each 3/16" door. The handle shall wrap around the leading edge of each door and mount with one way angular, blind mounting teeth designed to be driven on.

Does your bid meet exactly as specified YES_____ NO_____

ATTENDANT SEAT: There shall be a high back captain's seat mounted in the patient area. The seat shall be mounted per the requirements in the latest revision of KKK-A-1822. The seatbelt on the main part of the seat shall be an integrated, 4-point that is supplied and tested by the seat manufacturer as a complete package. The seat shall be Blue Ridge in color. The seat shall be tested by the seat manufacturer to be SAE J3027

Does your bid meet exactly as specified YES_____ NO_____

SEAT BASE: There shall be a powder-coated metal seat base that is tested with the integrated Child Safety 4-point harness that is hidden behind the removable back pad. The metal base shall be concealed behind a substrate with mica laminate to be color keyed to the patient area interior. There shall be a flush mounted solid door on a stainless steel hinge with a spring loaded lever latch.

Does your bid meet exactly as specified YES_____ NO_____

SOLID HINGED DOOR: A 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws,

spaced every two inches along the full length of the pre-punched hinge. The door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES_____ NO_____

DOOR EDGE FINISH: The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

HINGE ORIENTATION: The aforementioned door shall be hinged along the bottom edge of the door.

Does your bid meet exactly as specified YES_____ NO_____

NON-LOCKING LATCH: A black positive latch shall be supplied and installed on the cabinet door. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES_____ NO_____

ARM RESTS: The aforementioned captains' chair attendant seat shall have an arm rest for both arms of the seated attendant. The arm rests shall swivel upward to facilitate easy egress.

Does your bid meet exactly as specified YES_____ NO_____

AIR CONDITIONING EVAPORATOR CABINET: The patient cabin shall be equipped with a rear air conditioning and heat unit. The unit shall be wired, connected and installed per the environmental section of this specification. A cabinet, specifically designed to fit, form and function to constrain the set forth in the surrounding cabinet design and air exchange for cooling/heating performance requirements. The AC/Heat cabinet will be located behind the attendant seat on the floor. The AC/Heat delivery system will be ducted to the modular ceiling. It will have eight (8) spherical adjustable vents. In addition there will be two vents above and facing the attendant seat on cabinet H. The design shall provide adequate air return to meet or exceed current revision of the Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

LEFT FRONT CABINET, "H": This cabinet shall be located behind the attendant seat and on top of the Air Conditioning unit. Access to the main circuit board shall be provided through the face of the cabinet facing the curbside. The access door shall be hinged along the right side with a non locking lever type latch at the top. The door shall open without interference with other cabinet doors or hardware. The cabinet will have two adjustable Air Conditioning vents behind and above the attendant seat.

Does your bid meet exactly as specified YES_____ NO_____

PLASTIC VENT: A fifteen square inch free air flow ventilation hole be cut into the above door. The edges of the cut out shall be banded. The hole shall be covered with an aesthetically appealing, molded plastic louver cover. The louver cover shall be black in color and secured with at least one No 8 screw in each corner.

Does your bid meet exactly as specified YES_____ NO_____

SOLID HINGED DOOR: A 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The door shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the door. The door shall be hung on a continuous, stainless steel piano hinge with mounting screws, spaced every two inches along the full length of the pre-punched hinge. The door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES_____ NO_____

DOOR EDGE FINISH: The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

HINGE ORIENTATION: The aforementioned door shall be hinged along the right edge of the door.

Does your bid meet exactly as specified YES_____ NO_____

NON-LOCKING LATCH: A black positive latch shall be supplied and installed on the cabinet door. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT FRONT CABINET (I): The right front cabinet is hereinafter known as ALS cabinet. All fixed and adjustable shelf surfaces shall be covered in Easy Grip material. All fixed and adjustable shelf lips shall be covered with anodized aluminum trim. All shelves shall have a 3/4 lip. The ALS cabinet shall provide at least 22.0 cubic feet of storage and Configured as follows.

Does your bid meet exactly as specified YES_____ NO_____

CABINET I-1: This cabinet is located on the top section of the right front patient area.

Does your bid meet exactly as specified YES_____ NO_____

SINGLE FLIP UP POLYCARBONATE DOOR: A Single 3/8" (0.375 in) thick, overlay flip up door shall be supplied on the cabinet.

Does your bid meet exactly as specified YES_____ NO_____

DRAWER I-2: Three drawers shall be supplied, installed and located directly below cabinet I-1. The drawers shall feature a 13mm (1/2") thick substrate with laminate. The drawer body shall be laminated on ALL exposed surfaces, including hidden and less conspicuous surfaces. Each drawer shall add at least 1.9 cubic feet of interior stowage accommodations described in Federal specification KKK-A-1822D 3.11.1. Access from the inside shall be as follows below.

Does your bid meet exactly as specified YES_____ NO_____

DRAWER FRONT: A 3/4" (19mm) thick drawer front shall be fitted on the aforementioned drawer. The drawer front shall be flush fitted to the opening and have uniform gap spacing around the perimeter. The drawer front shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES_____ NO_____

DOOR EDGE FINISH: The edges of the aforementioned door(s) shall be covered with anodized aluminum, U-shaped trim. The trim shall be miter cut and wrapped around the perimeter of the door (On ALL four sides), including the hinged side. The trim shall be bonded to the door edge and clamped. No screws or other mechanical fastener shall be used to fasten the trim work to the door(s). The corners of the doors shall be broken (rounded) after application. Vinyl "Iron on" or mica edge banding is not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

LOCKING LATCH: A positive latch shall be supplied and installed on the aforementioned cabinet door. The latch shall be powder coated Black and be near flush when in the "Closed" position. The latch shall be fitted with a cylinder type lock that prevents door latch activation, when locked. Door latch activation shall be triggered by depressing a flush fitted release button that unlatches a lever. The spring loaded lever shall rotate about an axis near the surface of the door panel and extended a rotating pawl behind the latch side door frame. The depth of the pawl shall be adjustable to the latch side door frame. A small "preload" on the latch shall be imposed to prevent the door from rattling.

Does your bid meet exactly as specified YES_____ NO_____

DRAWER SLIDES: The aforementioned drawer shall be equipped with ball bearing, full extension drawer slides rated at one hundred and thirty pounds at an eighteen inch length, per pair. The length of the slide shall be at least the length of the drawer body and shall travel at least the length of the slide plus one inch over travel. The slides shall be mounted to the side of the drawer body and cabinet case. The slide sectional envelope shall not exceed one half inch wide by two and three eighth inches high.

In order to thoroughly clean the drawer and the case, the drawer slides shall feature a quick detach lever in each slide, to allow the drawer to be removed from the case without tools.

Does your bid meet exactly as specified YES_____ NO_____

CABINET I-3: The lower section shall be approximately 25% of the overall cabinet height.

Does your bid meet exactly as specified YES_____ NO_____

DUAL FLUSH DOORS: Two oppositely hinged, 3/4" (19mm) thick doors shall be supplied on the aforementioned cabinet. The doors shall be flush fitted to the opening and have uniform gap spacing around the perimeter of the doors. Each door shall be finished with white cabinet liner laminate on the inside and the same colored mica as the cabinet face on the outside.

Does your bid meet exactly as specified YES_____ NO_____

HINGE ORIENTATION: The doors shall be hinged along the outside edge of each door.

Does your bid meet exactly as specified YES_____ NO_____

C-HANDLES: The door shall be fitted with a four inch wire pull with a brushed chrome finish.

Does your bid meet exactly as specified YES_____ NO_____

DOOR CATCH: An opposing ball bearing catch shall be supplied and installed on the cabinet door. The catch body shall be made of brass with Built in tension adjustment to relax or intensify the "grip" on the door.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT FRONT CABINET OUTSIDE ACCESS: The right front cabinet of the module shall have outside access through the right front (M-7) compartment door.

Does your bid meet exactly as specified YES_____ NO_____

RIGHT REAR CABINET: The right rear exterior compartment specified herein shall be completely concealed from interior view by a right rear cabinet. All exposed surfaces of this cabinet shall be fully laminated over substrate matching main cabinet structures. The vertical outer corner shall feature a radius anodized aluminum trim. The trim shall originate from the top of the mated squad bench and terminate into the ceiling.

Does your bid meet exactly as specified YES_____ NO_____

UPHOLSTERY PAD: An upholstered pad covering the entire forward facing wall, over the squad bench shall be provided. The pad shall include at least 1/2" thick foam padding covered in the same heavy duty vinyl covering specified for the squad bench cushions and the remaining upholstery package.

Does your bid meet exactly as specified YES_____ NO_____

SQUAD BENCH: A squad bench shall be installed on the curbside of the patient compartment. Seating shall be installed as described writing these specifications. All seat belts and anchorage shall comply with FMVSS 209 and 210. The Squad Bench shall comply with current KKK-A-1822. A back and head rest shall be supplied for all seated personnel along the squad bench.

Does your bid meet exactly as specified YES_____ NO_____

O2 HOLDER IN HEAD OF SQUAD BENCH

UNDER LID STORAGE: The squad bench shall provide storage under the access lids. This multipurpose storage area shall be finished in high impact, white colored laminate. Must meet current Federal specification current KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

SQUAD BENCH LIDS: Two (Split) squad bench lids shall be supplied over the squad bench storage area.

Does your bid meet exactly as specified YES_____ NO_____

HINGE, SQUAD BENCH LID(S): All squad bench lids shall be installed with butt style, hinges. The hinges shall be through bolted for longevity of the vehicle. There shall be a minimum of two hinges per lid.

Does your bid meet exactly as specified YES_____ NO_____

LID LATCH: One latch to hold each lid down shall be supplied. The lid latch shall be stamped stainless steel construction and latches automatically by simply closing the bench lid.

Does your bid meet exactly as specified YES_____ NO_____

LID CHECKS: Each squad bench lid shall have a bi-directional gas spring lid check (Hold open). The force value selected and ball stud locations shall provide lift assistance after twenty degrees of bench lid lift angle. The ball stud mounts shall be at least 10 millimeter.

Does your bid meet exactly as specified YES_____ NO_____

EDGE TRIM: The edge of the squad bench lid shall be finished with aluminum anodized "J" trim. The trim is to be supplied with countersunk holes to allow for screws to be installed flush so the screw head does not catch anything.

Does your bid meet exactly as specified 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 wide safety web, spaced on maximum centers of 8 inches.

The net shall be secured at six points. The net shall be tightly stretched and attached at two points on each of the following surfaces:

- The floor at head of squad bench
- The curb side wall
- The ceiling

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.

Does your bid meet exactly as specified YES_____ NO_____

TOP CABINETS, - Standard T-1

CABINET "A": An upper, interior cabinet shall be provided directly over the rearward section of the Base wall cabinet. This cabinet shall accommodate a power air exhaust blower with a removable service panel. This multipurpose cabinet interior shall be finished in high impact, white colored laminate. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELF: A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES_____ NO_____

SINGLE FLIP UP POLYCARBONATE DOOR: A Single 3/8" (0.375 in) thick, overlay flip up door shall be supplied on the cabinet.

Does your bid meet exactly as specified YES_____ NO_____

CABINET "B": An upper, interior cabinet shall be provided directly over the "Action Area". This multipurpose cabinet interior shall be finished in high impact, white colored laminate. The cabinet shall be ergonomically angled toward the CPR seat. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELF: A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES_____ NO_____

RESTOCKING FEATURE: The uppermost cabinets shall have sliding polycarbonate doors. Additionally the entire framed assembly shall hinge upward 90 degrees to provide 100% access for the purpose of restocking the cabinet. The assembly shall be supported by a gas piston spring on each side and latched with two positive, slam action latches that are blind mounted behind each end of the window frame. The use of plywood in this assembly is not acceptable, due to lost access area.

Does your bid meet exactly as specified YES_____ NO_____

BASE WALL CABINET: The base wall cabinet is located on the Street side (Left side) of the patient cabin. The over-all height of the Base Wall Cabinet shall be approximately 75% of the over-all head room. This cabinet shall be built in ONE piece. The laminate along the fascia shall be ONE piece on single color laminate selections. A CPR Side Seat shall be provided on the street side aligned with the primary patient abdomen.

Does your bid meet exactly as specified YES_____ NO_____

ACTION AREA: The action area is a work surface located on the forward end of the Base Wall Cabinet and adjacent to the attendant seat. The work surface shall be at least 5.5 square feet. The work area height shall be 24 inches to 29 inches. The work surface shall have a three quarter inch (3/4") high lip.

Does your bid meet exactly as specified YES_____ NO_____

ACTION AREA SURFACE TYPE: The action area shall be finished with the primary color laminate.

Does your bid meet exactly as specified YES_____ NO_____

CABINET "C": An interior cabinet shall be provided at the rearward end of the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored laminate. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

RESTOCKING FEATURE: The cabinet, shall have sliding polycarbonate doors. Additionally the entire framed assembly shall hinge to the side 90 degrees to provide 100% access for the purpose of restocking the cabinet. The assembly shall be supported by a Cable on each side and latched with two positive, slam action latches that are blind mounted behind each end of the window frame. The use of plywood in this assembly is not acceptable, due to lost access area.

Does your bid meet exactly as specified YES_____ NO_____

CABINET ACCESS: The above cabinet shall be accessible through the inside and outside of the module. Exterior Access shall be made through a separate right front compartment door. Exterior access common to enlarged entry doors are not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

SHELF STANDARDS: The aforementioned cabinet shall be equipped with non-incremental, aluminum, C-shaped shelf standards.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELF: A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES_____ NO_____

CABINET "D": An interior cabinet shall be provided directly over the rearward "Telemetry Area just aft of the CPR side seat within the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored laminate. The cabinet shall be ergonomically angled toward the CPR seat. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

RESTOCKING FEATURE: The cabinet, shall have sliding polycarbonate doors. Additionally the entire framed assembly shall hinge to the side 90 degrees to provide 100% access for the purpose of restocking the cabinet. The assembly shall be supported by a Cable on each side and latched with two positive, slam action latches that are blind mounted behind each end of the window frame. The use of plywood in this assembly is not acceptable, due to lost access area.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELVES: Two shelves shall be supplied in the cabinet. One shelf on each side of the center divider in cabinet. The shelf shall be made of 1/2" thick substrate and finished in white colored laminate. Both sides of the shelves shall be laminated. The shelves shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES_____ NO_____

CABINET "E": An interior cabinet shall be provided at the rearward end of the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored laminate.

Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

SLIDING POLYCARBONATE DOORS: The cabinet shall be equipped with two sliding 3/16" polycarbonate doors within a closed anodized aluminum track/frame. The sliding polycarbonate door track shall be an extruded, anodized aluminum shape designed to accommodate a flocked, felt type track for the doors to slide in and lightly resist movement. The mitered corners shall be spline together and riveted. The extrusion shape shall cover one half of one inch of cabinet fascia around the perimeter of the track frame.

Does your bid meet exactly as specified YES_____ NO_____

HANDLES, LEXAN WINDOW DOORS: Full height, anodized aluminum, extruded drive on handles shall be supplied on each 3/16" door. The handle shall wrap around the leading edge of each door and mount with one way angular, blind mounting teeth designed to be driven on.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT INTERIOR ACCESS: The compartment shall not be accessible through the INSIDE of the module.

Does your bid meet exactly as specified YES_____ NO_____

ADJUSTABLE SHELF: A shelf shall be supplied in the cabinet. The shelf shall be finished in white colored laminate. Upper, lower and aisle side surfaces of the shelf shall be laminated. The shelf shall be secured to four shelf clips with Phillips head wood screws, from the bottom of the shelf. An anodized aluminum angle shall be securely fastened to the front edge of the shelf. The vertical leg of the angle shall provide a lip along the front edge.

Does your bid meet exactly as specified YES_____ NO_____

CABINET "F": An interior cabinet shall be provided directly below the rearward "Telemetry" Area just aft of the CPR side seat within the base cabinet on the street side. This multipurpose cabinet interior shall be finished in high impact, white colored laminate. Must meet current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

TAMBOUR ROLL DOOR: An Tambour style slatted door shall be supplied and installed in the cabinet opening. The Tambour roll style door shall operate smoothly sliding to the top and shall be inserted in a plastic track that is specially designed to accept the tambour door..

Does your bid meet exactly as specified YES_____ NO_____

CPR SEAT: A left side "CPR" side seat shall be provided on the street side and aligned with the primary patient's abdomen. The seat shall be at least twenty four (24") inches wide and normal squad bench seat height. Upholstered seat pads shall be located within the seat area for the seat, back, both arms and hips. The CPR seat area shall have rounded corners. The cabinet configuration and dimensions shall comply with the drawings attached in appendix A.

Does your bid meet exactly as specified YES_____ NO_____

CPR SEAT STOWAGE: The under CPR seat stowage cabinet shall add at least 1.5 cubic feet of interior stowage accommodations described in Federal specification KKK-A-1822E 3.11.1. An access lid from the top shall provide entry into the cabinet with a recessed paddle latch.

Does your bid meet exactly as specified YES_____ NO_____

HINGE, SQUAD BENCH LID(S): All squad bench lids shall be installed with butt style, hinges. The hinges shall be through bolted for longevity of the vehicle. There shall be a minimum of two hinges per lid.

Does your bid meet exactly as specified YES_____ NO_____

BACK REST: The CPR side seat shall feature a padded, fixed back rest with chamfered upper corners.

Does your bid meet exactly as specified YES_____ NO_____

TELEMETRY AREA: A four-inch wide upholstery covered and padded arm rest shall be installed. The arm rest shall create a 3/4" to 1" lip on the leading edge of the telemetry area.

Does your bid meet exactly as specified YES_____ NO_____

TELEMETRY AREA SURFACE TYPE: The "Telemetry area" shall be finished with the primary color laminate.

Does your bid meet exactly as specified YES_____ NO_____

RESTRAINT SYSTEM(S): The Seat Belt System(s) shall be in the following locations:

RESTRAINT SYSTEM(S): The rear seating locations shall consist of the P-6 6-Point restraint system. The P-6 Advanced Restraint System is a "Vehicle mounted" 6-Point restraint system dispersing loads to 6 points of reinforced structure within the vehicle as opposed to concentrating loads on the seat frame. It promotes a seated position with a wide range of mobility. The seated position, in conjunction with the seat system, has been proven to be safer than isolated standing positions in a moving vehicle. As well it is easy to use encouraging greater use in the field than more cumbersome systems involving additional latches, levers, and cables.

There shall be two P-6 restraints on the Squad Bench and one P-6 restraints on the CPR Side Seat.

Does your bid meet exactly as specified YES_____ NO_____

SECONDARY PATIENT RESTRAINT SYSTEM: There shall be a location for a secondary patient on top of the squad bench located on the curbside interior of the patient area of the ambulance. To secure the patient there shall be three inertia style retractable straps that match up to three 9" sleeved buckles on the face of the squad bench and 5" sleeved retractors by the squad bench lid hinge. The straps and buckles shall be mounted to comply with the pull test requirements in the present revision of KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

FLOOR AND SUBSTRATE: The floor of the module shall be (3/4) thick 7-Ply, Formaldehyde free, exterior grade, A-C plywood. The glue line between the layers shall be phenolic based. The glue shall be of similar chemical make up to the phenolic glue used in Marine grade plywood, as designated by the A.P.A. (American Plywood Association).

Does your bid meet exactly as specified YES_____ NO_____

FLOOR COVERING: The floor substrate shall be free of dents, voids and moisture prior to application of the floor covering. The plywood substrate shall be 3/4" (19mm) 7-ply exterior grade plywood. The substrate sheet shall be cut from a 60 inch wide by 144 inch long oversized sheet. No substrate seams are allowed in high foot traffic areas. This means NO SEAMS are permitted within 132" of the rear access doors or near the side access door.

On longer bodies, the only ONE seam is permitted as long as the full length of the seam is located directly over the center of a 0.250 x 2 x 3 box tube floor member AND the seam does not fall in the aforementioned "High Traffic" areas.

The floor covering shall be one piece through-out the patient cabin regardless of the body length. The flooring material shall be commercial grade sheet vinyl floor with diamond plate like impression on the surface. The floor covering shall be Lonseal Lonplate II No 421 "Mica" (Light Gray), or comparable.

Does your bid meet exactly as specified YES_____ NO_____

FLOORING MAIN EDGE: The one-piece patient cabin floor covering material shall run the full width of the aisle space plus roll up (3") three inches along the Base wall cabinet, squad bench and the right rear cabinet (when applicable). Both roll-up areas shall be recessed approximately 1/2" into the face of the cabinets.

Does your bid meet exactly as specified YES_____ NO_____

REAR THRESHOLD: The rear threshold shall be made of 16 gauge brushed stainless steel sheet. The threshold shall conceal the end of the vapor sheet, sub floor, and flooring. The threshold shall mate to the top of the rear access door jamb and cover at least six inches of flooring. Installed over the stainless steel threshold shall be two 2.5" wide "nonskid" tape, strips applied. The color of the tape shall be safety yellow with black diagonal stripes.

Does your bid meet exactly as specified YES_____ NO_____

C/S THRESHOLD: The C/S threshold shall be made of .100 polished aluminum diamond plate.

Does your bid meet exactly as specified YES_____ NO_____

COT MOUNT HARDWARE

PRIMARY COT MOUNT: Prep for main cot mount, Cot mount base rail only shall be Stryker model No 6390 Power Load System. The 12v power for cot mount shall be provided up through floor.

Does your bid meet exactly as specified YES_____ NO_____

COT FASTENER MOUNTING METHOD: All mounting bolts shall be 3/8" diameter, socket head cap screws with at least 16 threads per inch. All mounting blocks shall be supplied and manufactured by the cot mount manufacturer. The mounting blocks may protrude above the flooring surface by up to 3/16", as long as all of the edges are chamfered. The aforementioned cap screws shall not protrude above the upper surface of the mounting block.

All cap screws shall be through bolted through 1/2 (.500) inch thick, 6061-T-6 Aluminum plate structure. One and one half (1-1/2) inch x six (6) inch thick plates shall either be MIG welded or Chuck structurally fastened to the floor grid for both cot mount and attendant seat fastening locations. All fastening hardware shall be either through bolted or tapped depending on under floor clearances due

to chassis installed components. Mounting bolts shall not point toward fuel filler or fuel vent hoses, in accordance with good engineering practices set forth by the Society of Automotive Engineers and Ford's Qualified Vehicle Modifiers' program, or comparable program.

Bidders shall meet or exceed mechanical strength described in the aforementioned minimum fastening method. Material thickness and/or through bolt criteria is mandatory even if the vendor has current certification to AMD. Standard 004 utilizing lesser materials.

Does your bid meet exactly as specified YES_____ NO_____

COT MOUNT SPECIAL NOTE: Gretna Police currently has Stryker Power Load system in a "For Sale" vehicle which shall be removed from said vehicle and installed in the new vehicle by dealer at time of delivery.

Does your bid meet exactly as specified YES_____ NO_____

COT POSITION No 1: This cot position shall be set up for a primary wheeled cot set centered laterally (side to side) in the aisle. The longitudinal location shall be set 30 inches measured from the backrest of the attendant's seat (set all the way toward the front of the patient cabin) to the head of the primary cot frame, per current KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

PRIMARY COT POSITION REINFORCEMENT: There shall be a singular piece of aluminum reinforcement installed running the length of the primary cot position in the modular ambulance. It shall be secured to the modular tubes by welding or hock fasteners.

Does your bid meet exactly as specified YES_____ NO_____

PRIMARY COT: The aforementioned cot fastener shall be set up to use a Stryker Model No Power-Pro Cot, or comparable.

Does your bid meet exactly as specified YES_____ NO_____

OXYGEN, AIR and VACUUM SYSTEMS

OXYGEN HOSES: All oxygen system service hoses, fittings and devices shall be made of nonferrous materials. Hoses used to pipe Medical Oxygen shall be electrically non-conductive, ¼ inside diameter with an abrasion resistant, green colored outer jacket. The hose manufacturer's name, part number, inside dimension and working pressure rating shall be permanently marked along the entire length of the hose. All hoses shall have a working pressure rating of at least 250 pounds per square inch, withstand a system test pressure of 150 PSI / 1033 kPa test prescribed in current Federal specification KKK-A-1822. Each ambulance shall be tested.

Does your bid meet exactly as specified YES_____ NO_____

OXYGEN OUTLETS - GENERAL: Each outlet shall be comprised of an "Inlet Box" and a "Latch Plate" as defined herein. The "inlet box" shall be a universal inlet service box with a 165 mm type "K" (3/8") OD Copper inlet pipe stub which is silver brazed to a brass, one piece, (1 5/16") inlet body. The "inlet box" shall be designed specifically for positive pressure gas service and feature a primary and secondary check valve. Each check valve shall be rated at 1,379 kPa (200psi).

The "Latch Plate" shall insert into the universal "Inlet Box". The "Latch Plate" is comprised of the outer cover plate and latching mechanism that will define the adapter type/Brand that will ultimately connect

the patient to the oxygen system. The outlet cover shall be color coded GREEN in addition to having a clear permanent legend that identifies the gas type. Dual gas specific safety pins shall be integrated in the face of the outlet "Latch Plate" for safety.

Outlet adapter types shall be easily changed by simply removing the "Latch plate" specifically designed for brand "A" to brand "B" without any further plumbing changes.

As with all medical gas outlets specified herein, all outlets shall be hydrostatically tested and cleaned for oxygen service. All medical gas outlets specified herein shall be UL (Underwriters Laboratory) listed and CSA approved. All outlets will be subject to a line pressure of 50 PSI And shall be leak tested at 150 PSI Per Federal specification KKK-A-1822. Pressure drop across the outlet shall be less than 2.0 PSI At normal working pressure.

Does your bid meet exactly as specified YES_____ NO_____

OXYGEN OUTLET No 1: This outlet latch shall be designed to accept (Ohio) style, quarter turn / quick release adapters. This Oxygen outlet shall be provided where specified below.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: The Oxygen outlet shall be located in the primary action area switch and outlet console.

Does your bid meet exactly as specified YES_____ NO_____

OXYGEN OUTLET No 2: This outlet latch shall be designed to accept (Ohio) style, quarter turn / quick release adapters. This Oxygen outlet shall be provided where specified below.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: The Oxygen outlet shall be located in the primary action area switch and outlet console.

Does your bid meet exactly as specified YES_____ NO_____

OXYGEN OUTLET No 3: This outlet latch shall be designed to accept (Ohio) style, quarter turn / quick release adapters. This Oxygen outlet shall be provided where specified below.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: The Oxygen outlet shall be located in curb side wall, over the squad bench and near the curbside entry door.

Does your bid meet exactly as specified YES_____ NO_____

PORTABLE CYLINDER BRACKET: A crash worthy aluminum box shall be supplied and installed as described below. The box shall be open on one end and shall fit two (2) "E" size customer supplied cylinder. There shall be a retention system built in with a spring loaded release that is installed so it is user friendly to operate for each bottle. The rack shall be through bolted to reinforced, structural members or brackets that tie in directly to structure within the ambulance.

Does your bid meet exactly as specified YES_____ NO_____

MAIN CYLINDER RESTRAINT No 1: One user supplied gas cylinder rack shall be shipped loose.

Does your bid meet exactly as specified YES_____ NO_____

CYLINDER TYPE: The Gretna Police Department currently has the Zico O2 cylinder lift in a "For Sale" vehicle. The dealer shall remove from and install in the new vehicle. All recommended structure components necessary to install lift shall be new and installed by the manufacture.

Does your bid meet exactly as specified YES_____ NO_____

Cylinder Wrench: There shall be a cast aluminum main oxygen cylinder wrench installed in the compartment with the main oxygen cylinder rack. The wrench shall include a cable lanyard that secures the wrench to the compartment wall allowing enough length of cable to loosen and tighten the regulator fitting on the customer installed main oxygen cylinder. The wrench shall be stored in place with either a hat channel bracket or Velcro to keep it secured while the vehicle is in motion.

Does your bid meet exactly as specified YES_____ NO_____

VACUUM (SUCTION) PANEL: A variable vacuum regulator and gauge panel shall be installed in the action area control panel. The vacuum regulator shall vary vacuum delivered to a 1200 cubic-centimeter collection jar specified below. The Vacuum gauge shall not be mounted on the collection jar itself.

Does your bid meet exactly as specified YES_____ NO_____

COLLECTION JAR: The suction system shall be equipped with a shatter proof, graduated, 1200cc, transparent collection container. The container shall be regulated through the Sscor panel and installed per manufacturers recommendations. The retention bracket when installed per directions is SAE J3043 retention testing compliant.

Does your bid meet exactly as specified YES_____ NO_____

COLLECTION JAR PLUMBING: The collection jar shall be connected directly to the regulator panel in the action area console.

Does your bid meet exactly as specified YES_____ NO_____

SUCTION PUMP: The suction pump shall be installed in the left middle compartment, adjacent to the action area panel. The exhaust tube shall be routed to the outside of the vehicle. The pump shall be mounted on rubber vibration isolators to minimize any vibration noise emitted into the patient cabin. The pump shall provide a free air flow of at least 20 liters per minute and achieve a minimum of (11.81 in) Hg vacuum within four seconds after the suction tube is closed. This 49-state pump shall meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

SUCTION PUMP LOCATION: The suction pump shall be installed in the left front middle compartment. The pump shall be mounted to the ceiling of this compartment on rubber vibration isolators.

Does your bid meet exactly as specified YES_____ NO_____

EXTERIOR ENTRY AND COMPARTMENT DOOR HANDLES: Large chrome plated, die cast paddle handles shall be provided to open all module doors. Blind fasteners shall be used to fasten the handles to the door from the backside. Blind Stabilizer pins shall be incorporated on the backside of the handle for alignment purposes. Every paddle handle shall have an isolation gasket between the paddle body and the door skin. All door skin surfaces shall be painted prior to installation of the handle hardware. All paddles, on single hung and leading double doors shall be locking type and keyed the same (unless

specified otherwise). Trailing doors shall; have non-locking paddle handles, mounted on the outside of the door. The Handle shall have a bright chrome like finish mounted into the bright chrome dish. When the door is in the locked position, the handle shall extend when pulled like an automotive handle (free floating) to show the operator that the door is locked and needs to be unlocked to be opened. Systems that utilize a handle that does not free float shall not be accepted as it could bind up the inner hardware and shorten the life of the door operation and timing.

Does your bid meet exactly as specified YES_____ NO_____

INTERIOR ENTRY AND COMPARTMENT DOOR HANDLES: The interior handle shall be lever type. A Lock/Unlock lever shall be installed below the inside lever handle and be clearly marked Lock/Unlock. The inner chrome plated handle shall have a black powder coated cast aluminum bezel for strength.

Does your bid meet exactly as specified YES_____ NO_____

EMERGENCY INTERIOR LATCH RELEASE: There shall be a red tipped lever to activate a rotary latch at both the top and bottom interior of each patient access door. These shall be used should the door rods become unattached from either the handle or latch assembly. The mechanisms shall be at the point of latching to the Nader pin.

Does your bid meet exactly as specified YES_____ NO_____

ASSIST RAIL: This rail shall be naturally accessible to assist persons entering the rear of the module in maintaining their balance. The rail shall be 1 ¼ diameter, 100% stainless steel with gray anti-microbial coating and 18" long. All rail fittings shall be TIG welded to the main rail. The rail shall be located prior to order confirmation. Grab rails that utilize separate, setscrew rail fittings are not reliable and not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

ENTRY DOOR PANELS / WINDOWS / HARDWARE

INTERIOR GRAB HANDLE COLOR: The interior grab handles listed below will be powder coated with anti-microbial, gray in color.

Does your bid meet exactly as specified YES_____ NO_____

CURB SIDE ENTRY DOOR GRAB HANDLES: The curbside side entry door shall be equipped with a three point, "L" Shaped 1 ¼ diameter, stainless steel with gray anti-microbial coating, handicap style grab handles to aid in door closure and entry assistance.

The grab handle shall run horizontally, directly above the inside door latch and bend Ninety five degrees downward to create a banister (handrail) to aid in vehicle egress. The door handle shall be fastened directly to the horizontal door structure that is welded to the door assembly.

Does your bid meet exactly as specified YES_____ NO_____

REAR ENTRY DOOR GRAB HANDLES: The rear entry doors shall be equipped with a three point, "L" Shaped 1 ¼ diameter, stainless steel with gray anti-microbial coating, handicap style grab handles to aid in door closure and entry assistance.

The grab handle shall run horizontally, directly above the inside door latch and bend Ninety degrees downward to create a banister (handrail) to aid in vehicle egress. The door handle shall be fastened

directly to the horizontal door structure that is welded to the door assembly.

Does your bid meet exactly as specified YES_____ NO_____

C/S ENTRY HANDLE: There is to be a curved stainless steel Grabrail located at the head end of the squad bench wall. It shall be mounted to a tapping plate in the modular body to give it the required strength. The grab handle shall have a curve to allow the grab part to impede in to the curbside door opening to allow easy access. The grab rail shall be at least 15 inches in length. The handle shall have antimicrobial coating and be silver in color.

Does your bid meet exactly as specified YES_____ NO_____

DOOR PANELS: The inside UPPER door panels shall be made of .080 aluminum diamond plate. The edges of the diamond plate shall be recessed into the door frame extrusion. The center panel shall be upholstery over a smooth aluminum substrate.

Does your bid meet exactly as specified YES_____ NO_____

CURBSIDE LOWER DOOR PANEL: The inside door panel shall be made of .080 aluminum diamond plate. The edges of the diamond plate shall be recessed into the door frame extrusion. The panels shall be fastened to the door frame with stainless steel, #10-32 UNF machine screws threaded into aircraft quality blind fasteners. Each screw shall have an neoprene lock washer.

Does your bid meet exactly as specified YES_____ NO_____

REAR ENTRY DOOR WINDOWS: The rear entry doors shall have an automotive style window. The window will be recessed in a factory stamped opening. The windows will be near flush. They will be in a fixed position. Each window will have a nominal area of 320 square inches.

Does your bid meet exactly as specified YES_____ NO_____

SIDE ENTRY DOOR WINDOW: The curb side (Right) entry door shall be equipped with an automotive style window. The window will be recessed in a factory stamped opening. The window will be near flush. Window will be fixed position. All glass shall be tinted safety glass.

Does your bid meet exactly as specified YES_____ NO_____

TALK THROUGH WINDOW: The Cab to Module communications window shall be provided.

Does your bid meet exactly as specified YES_____ NO_____

LOCKING PIN: The sliding cab to patient area window shall have a locking pin consisting of metal 1/4" pin with a lanyard retainer to keep from losing the pin when not latched. The pin shall be from the driver's side of the window. The pin shall meet or exceed current Federal specification KKK-A-1822.

Does your bid meet exactly as specified YES_____ NO_____

PLASTIC VENTILATED COMPARTMENT TILE: A plastic color keyed, ventilated tile shall be installed on all compartment floors and shelves. The tile is to be designed to keep equipment off the floor or shelf to promote drying of wet equipment.

Does your bid meet exactly as specified YES_____ NO_____

COMPARTMENT TILE EDGING: The same material shall mate to the outer edge of the compartment tile and shall taper to the front edge for a smooth transition.

Does your bid meet exactly as specified YES_____ NO_____

ACTION AREA LIGHTING: A 12 volt LED light shall be provided directly over the forward, street side work surface. A 12 inch swivel fixture shall be provided. The light shall have an on/off rocker switch on the body of the light housing.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: The light shall be mounted to the action area.

Does your bid meet exactly as specified YES_____ NO_____

TELEMETRY AREA LIGHTING: A 12 volt LED light shall be provided directly over the forward, street side work surface. A 12 inch swivel fixture shall be provided. The light shall have an on/off rocker switch on the body of the light housing.

Does your bid meet exactly as specified YES_____ NO_____

LOCATION: The light shall be mounted to the bottom of Cabinet C.

Does your bid meet exactly as specified YES_____ NO_____

UPHOLSTERY MATERIALS: All padding and upholstered seating shall be covered in 36 ounce vacuum form ready vinyl. Sewn seams in the seat covers and cushions shall be minimized. Upon request, the manufacturer shall be capable of supplying vacuum formed, seamless vinyl covered upholstery. The color shall be color keyed to the laminate color selections made.

Does your bid meet exactly as specified YES_____ NO_____

SEAT / BACKREST CORE MATERIAL: The vinyl covered foam shall meet current Federal Specification KKK-A-1822. Seat cushions shall be ergonomically contoured. All core material shall be open cell, high resilience foam.

Does your bid meet exactly as specified YES_____ NO_____

UPHOLSTERY COLOR: All padding and upholstered seating shall be covered in 36 ounce vacuum form ready vinyl per the aforementioned specification. The color of the vinyl shall be Blue. A sample of the actual color shall be submitted with the bid for approval.

Does your bid meet exactly as specified YES_____ NO_____

TROUGH COVER: All upholstered pad that is built to cover the trough running down the center line of the vehicle separating the curbside and street side of the patient compartment shall be manufactured of 1/4" luan non voided plywood with padding and covered with 36 ounce vinyl. The color of the vinyl shall be the same as the remainder of the upholstery in the patient area. The cover shall be fastened to the headliner using stainless steel screws with washers that will accept button covers that are color matched to the trough cover.

Does your bid meet exactly as specified YES_____ NO_____

UPHOLSTERY JOINERY TYPE: All padding and upholstered seating shall feature upholstery

covered foam that eliminates sewn, visible seams. All cushion corners shall be vinyl wrapped. NO sewn seams are permitted, even at the corners. Seat cushion vinyl shall be pre-formed to the cushion shape to eliminate ALL visible seams. Seat cushions with welting/piping and sewn corner seams are not acceptable since blood and other liquid form biological discharge can penetrate the seam holes and reside in the foam. All vinyl surfaces shall be pulled tight against the foam, utilizing a hardwood plywood backing board. Loose fitting vinyl coverings are not acceptable.

Does your bid meet exactly as specified YES_____ NO_____

FULL CUSHIONS: The post and wheel cups normally placed on the squad bench for secondary stretchers shall be DELETED in favor of full seat cushions without cutouts. The seat cushions shall be the same size as the squad bench lid and WITHOUT cutouts. The user chooses to use a backboard in lieu of a stretcher for a secondary patient.

Does your bid meet exactly as specified YES_____ NO_____

HEAD PROTECTION - CURB SIDE ACCESS DOOR: A seamless pad specifically designed to protect the head during egress is required. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery.

Does your bid meet exactly as specified YES_____ NO_____

HEAD PROTECTION - REAR ACCESS DOORS: A seamless pad specifically designed to protect the head during egress is required and shall comply with current Federal Specification KKK-A-1822. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery.

Does your bid meet exactly as specified YES_____ NO_____

CLOCK: There shall be a black battery operated clock. The face of the clock shall be a minimum of 5" in diameter. There shall be a sweep second hand and the clock shall have white contrasting digits to make it easily visible. The clock shall be mounted over rear access doors.

Does your bid meet exactly as specified YES_____ NO_____

PAINT

100% PAINT FILM COVERAGE: All stages of primer and paint shall cover all surfaces. Hinge mating surfaces on the doors and jambs shall be painted. Bare aluminum and primer only preparation is not acceptable under door hinges. Doors shall be painted without actuation handles installed and doors removed from body. Paint film thickness to be no less than 4.1 mil thickness.

Does your bid meet exactly as specified YES_____ NO_____

PAINT SYSTEM TYPE: The paint shall be Poly-Urethane type electrostatic application process without exception.

An electrostatic paint spray system is a highly efficient technology for the application of paint to specific work pieces. Negatively charged atomized paint particles and a grounded work piece create an electrostatic field that draws the paint particle to the work piece, minimizing over spray.

For this technology, an ionizing electrode, typically located at the paint gun atomizer tip, causes paint particles to pick up additional electrons and become negatively charged. As the coating is deposited on the work piece, the charge dissipates through the ground and returns to the power supply, completing the circuit. The electrostatic field influences the path of the paint particles. Because the charged particles are attracted to the grounded work piece, over spray is significantly reduced. Paint

particles that pass a work piece can be attracted to and deposited on the back of the piece. This phenomenon is known as "wrap."

Does your bid meet exactly as specified YES_____ NO_____

MECHANICAL ADHESION PROMOTER: The entire module shall be degreased. Degreaser shall be applied to manufacturer's recommendations. The module body is to be inspected for flaws and imperfections, and to assure built to order specifications. All surfaces shall be initial sanded with 180 grit paper and all imperfections repaired.

Does your bid meet exactly as specified YES_____ NO_____

CHEMICAL ADHESION PROMOTER: The module shall be hot-water washed at (140 degrees or greater). Then the aluminum Body shall be treated with Alumiprep 33 acid etching, or comparable, followed by a complete De-ionized body rinse. To ensure all surfaces are cleaned, this step shall be repeated a second time. The entire unit shall be wet coated with Alodine 5700 conversion coating, or comparable, and de ionized water mixed. The module body is baked at 160 degrees to dry.

Does your bid meet exactly as specified YES_____ NO_____

PRIMER: The module shall then have 2 coats of epoxy primer. The unit is then baked at 140 degree metal temperature for one hour. The module body will then undergo any bodywork or filler that is required at transition(s). A third coat of epoxy primer is applied and cured. The module body will then be final sanded prior to Paint color application. Primer shall be sanded with 320 grit paper to assure flat, orange peel free surface.

Does your bid meet exactly as specified YES_____ NO_____

TOP COAT (PAINT): Entire module shall be degreased. Degreaser shall be applied to manufactures recommendations. Two coats of BTLV High Solids color shall be applied.

Does your bid meet exactly as specified YES_____ NO_____

CLEAR COAT: The clear coat shall be manufactured by the same company as the primer and base coat. Two coats of "clear coat" polyurethane shall be applied per the manufacturer's instructions.

Does your bid meet exactly as specified YES_____ NO_____

3M POLISHING SYSTEM, OR COMPARABLE: Prior to 100% paint cure, the paint on the ambulance body shall be sanded to 1200 grit and polished flat per 3Ms Perfect-It product program, or comparable, for smooth finish.

Does your bid meet exactly as specified YES_____ NO_____

CORROSION: Anti-electrolysis procedures include, but are not limited to the following.

- 1) Ensure all bare substrate is dry and free from contamination.
- 2) If bare substrate is showing signs of corrosion/oxidation, sand and remove. Use 180 grit until area is removed.
- 3) Thoroughly blow off areas to remove sand dust and metal shavings.
- 4) Thoroughly degrease to be pre-primed using the wipe-on, wipe-off method with clean white rags. (Use good quality automotive Degreaser)
- 5) Apply Wash primer CR using a brush to all mated surfaces. Allow to flash for 15 minutes at 70 deg Fah. Mix wash primer CR 1:1 with wash-hardner.

6) Apply Urethane caulk to all mated surfaces before assembly to reduce the possibility of corrosion.

Does your bid meet exactly as specified YES_____ NO_____

EXTERIOR FASTENERS: All screw sites require a replaceable nylon insert for the fastener to thread into. This will isolate the dissimilar metals. Each hole shall be treated with an Electrolysis Corrosion Control compound prior to installation of the nylon inserts. All exterior screws shall be stainless steel.

Does your bid meet exactly as specified YES_____ NO_____

PAINT WARRANTY: The conversion paint shall be warranted to the original owner for a period of 7 years, 70,000 miles. The color shift shall be no greater than Delta E of 4.0 with minimum gloss retention of 60 gloss units at twenty-degree angle. Warranty to include a 36 month Corrosion coverage with no exclusions.

Does your bid meet exactly as specified YES_____ NO_____

UNDERCOATING: The bottoms side of the module shall be undercoated, with an exception to any area affected by exhaust system direct heat. Application standards for the undercoating shall be achieved or exceeded as directed by QVM or governing standards.

Does your bid meet exactly as specified YES_____ NO_____

REFLECTIVE TAPE: The module door frames shall have a three quarter inch (3/4") wide white reflective tape applied to the door frame interior. The tape shall illuminate the outline shape of the door when the door is opened.

Does your bid meet exactly as specified YES_____ NO_____

MAIN BODY COLOR: The main body color shall be oxford white (Ford YZ, or comparable). The paint finish shall be laid onto the body in a flat, orange peel free, mirror like shine on all four sides.

Does your bid meet exactly as specified YES_____ NO_____

REFLECTIVE / PRISMATIC TAPE: The aforementioned center step shall have a bright conspicuous prismatic, reflective tape strip applied the rearward facing edge of the step. The tape shall have alternating colors (Red and White). The tape color shall begin and end in Red, and each segment shall measure between seven and nine inches.

Does your bid meet exactly as specified YES_____ NO_____

ROOF PAINT: Color match to sides, top finish to exceed industry standard of 5 plus mill thickness.

Does your bid meet exactly as specified YES_____ NO_____

STRIPING AREA: The Rear of the modular body above the rear Kick-plate and including both the area outboard and above including the rear entry doors shall include:

REAR CHEVRON: The reflective material shall be installed in an offset pattern of two alternating reflective stripes.

Does your bid meet exactly as specified YES_____ NO_____

Color: the Main Chevron Color shall be: Blue reflective

Does your bid meet exactly as specified YES_____ NO_____

Secondary Color: The secondary Chevron Color shall be: Yellow reflective

Does your bid meet exactly as specified YES_____ NO_____

DECALS AND STRIPES: Vendors are encouraged to visit current fleet and inspect rear Chevron Pattern. The new apparatus shall have the same exact layout and colors on the rear only. The sides and front shall have a new scheme that shall be created and installed after final Gretna Police Department approval. The new scheme on each side shall have an approximately 8 inch blue reflective stripe with a ¼" white space and then a 1" Gold reflective pin stripe. The stripe shall start at front fender and go to rear corner then shall mirror on the opposite side. The stripe shall incorporate a "Z" pattern on the side of the module body. Below the stripe on rear there shall be an approximately 14" wide Gold reflective stripe that shall start at "Z" stripe and extend to rear of module body. "GRETNA POLICE EMS" shall be in large letters on each side of module body. Gretna will provide a custom logo for each door and the one for the rear. Successful vendor shall install said logos. The front shall have Gretna EMS on the forward face of module body above cab. The successful vendor shall provide custom decal layout at the prebuild conference for final approval.

Does your bid meet exactly as specified YES_____ NO_____

DRIP RAILS: A bright drip rail shall be provided over each compartment. Full height compartments are exempt because the perimeter roof rail drip rails will cover these compartments.

Does your bid meet exactly as specified YES_____ NO_____

OWNER'S MANUAL: There shall be shipped loose with each completed unit a DVD data file with pertinent information from the build of the vehicle.

Does your bid meet exactly as specified YES_____ NO_____

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

Does your bid meet exactly as specified YES_____ NO_____

SAFETY PLACARDS: There shall be installed in the chassis cab and patient area descriptive placards in durable materials to remind occupants to fasten seatbelts and to refrain from smoking.

Does your bid meet exactly as specified YES_____ NO_____

FIRE EXTINGUISHER: One (5) five pound A-B-C type fire extinguisher shall be supplied loose with the vehicle on delivery.

Does your bid meet exactly as specified YES_____ NO_____

REFLECTOR PACKAGE: Six reflectors shall be supplied on the outside of the module body. The reflectors shall be located at skirt line level and the area size shall be at least 3.75 square inches. Each side shall have one AMBER forward reflector and one RED rearward reflector. The rear of the body shall have one RED reflector, located just above the diamond plate kick plate.

Does your bid meet exactly as specified YES_____ NO_____

OXYGEN REGULATOR: A fixed output medical regulator shall be supplied with the apparatus. The

output shall be fixed via a single chamber pressure setting which can produce a 50 psi +/- 5psi at 7.25 LPM. The output of the regulator may vary as the tank pressure lowers or flow rate is changed. The regulator shall have a CGA 540 thread for the bottle and a 9/16- 18 tpi threaded male connector for the input hose to the system.

Does your bid meet exactly as specified YES_____ NO_____

CONVERSION WARRANTY

7 Year, 70,000 mile Mechanical & Electrical including Workmanship

Does your bid meet exactly as specified YES_____ NO_____

7 Year, 70,000 mile Standard Paint Warranty.

Does your bid meet exactly as specified YES_____ NO_____

36 Month Paint Coatings Corrosion Warranty.

Does your bid meet exactly as specified YES_____ NO_____

20 Year Body Structure Warranty.

Does your bid meet exactly as specified YES_____ NO_____

WARRANTEE REPAIR CENTERS: There shall be three certified warrantee repair centers located within 150 miles of Gretna, LA. These facilities shall have a complete parts, and service departments. They shall have all the capabilities to provide complete bumper to bumper service upon proposed vehicle. One of the facilities shall have a body shop included to provide paint and body repair. These shops shall have been a warrantee center for your proposed apparatus for a minimum of 5 years. Send list of proposed shops with contact information in proposals.

Does your bid meet exactly as specified YES_____ NO_____

DELIVERY: The new vehicle shall be delivered under its own power to Gretna, LA

Does your bid meet exactly as specified YES_____ NO_____

Bidders Check List

- Letter of Transmittal
Include your firm's understanding of the work to be performed. In addition clearly articulate why your firm believes it to be the best qualified to perform the services requested.
- Table of Contents
Include a clear identification of the material by section and by page number
- Attachment A
Signed Instructions to Bidder
- Attachment B
Affidavit
- Attachment C
Corporate Resolution
- Attachment D
Bid Page
- Attachment E
General Specifications for Bid with Completed Service Capabilities and compliance or non-compliance by checking yes or no at every item in the appropriate box. Any item left unanswered or blank will be considered as "No" Proposals will be evaluated on the ability to meet all specifications.

Bidders List:

S.E.R.V.S. LLC

Robert W. Lowrie

P.O. Box 288

Clinton, La 70722

Robert.Lowrie@servsllc.com

800-468-5473

225-933-3910 (cell)