

TOWN OF TRUMBULL  
EMERGENCY MANAGEMENT SERVICES (EMS)  
TECHNICAL SPECIFICATIONS FOR  
TYPE II, CLASS A AMBULANCE  
GENERAL INSTRUCTIONS TO BIDDERS

RFP 6077            DUE; AUGUST 22, 2014 @ 2PM

The Town of Trumbull, Connecticut (hereinafter referred to as Town), through the Office of the Purchasing Agent, will accept sealed bids for one **TYPE II, CLASS A AMBULANCE** as detailed in the attached specifications for the EMERGENCY MANAGEMENT SERVICES (EMS) in accordance with the enclosed specifications.

**1.        PREPARATION OF PROPOSALS**

- a)        Bids shall be submitted by using the enclosed BID PROPOSAL FORM that accompanies this request. Submit one (1) ORIGINAL and one (1) EXACT COPY. Bidders should submit bids in a clear, concise and legible manner to permit proper evaluation of responsive bids.
- b)        Bidders may also submit, under separate cover with their proposal, any samples of reports and documents that are necessary to meet the requirements (deliverables) of this request should a purchase order be awarded

**2.        BID SUBMISSION**

Bids are to be submitted in DUPLICATE and sealed in a sealed envelope and addressed as follows:

**Bid 6077 - Due: AUGUST 22, 2014 @ 2 pm**  
Purchasing Agent - Town of Trumbull  
5866 Main Street, Trumbull, CT 06611

Be advised that the person signing the formal proposal must be authorized by you organization to contractually bind your firm with regard to prices and related contractual obligations for the delivery period requested. Bidder must bid on equipment as specified

**3.        BID TIME AND BID FORMS**

- a)        Bids shall be received at the office of the Purchasing Agent, Town Hall, prior to the advertised hour of opening, at which time all proposals will be publicly opened and read aloud.
- b)        A bidder may withdraw a proposal at any time prior to the above scheduled date and time. **Any bid received after the above scheduled date and time shall not be considered or opened.**
- c)        All bid documents contained herein must be completed in their entirety; failure to do so may disqualify a bid submittal.

**4.        TOWN OPTIONS**

- a)        The Town of Trumbull reserves the right to reject any and all bids and does not bind itself to accept the lowest bid or any proposal. The Town reserves the right to ask for new bids in whole or in part, or to reject any or all bids, or any part thereof, and to waive any requirements, irregularities, technical defects or service therein when it is deemed to be in the best interest of the Town.
- b)        If a bid proposal does not meet or better the required specifications, requirements, and scope of work requested on all points that must be outlined in a letter attached to the bid proposal otherwise it will be presumed that the bid as proposed is in accordance with the required specifications.
- c)        The requirements and specifications of this request call for a specific commodity being purchased and do not permit any substitutions.
- d)        If your product does not meet or better the required specifications on all points that must be outlined in a letter otherwise it will be presumed that a proposal is in accordance with the required specifications.
- e)        In addition to consideration of a favorable bid, the Purchasing Department may give consideration to the most favorable delivery date and past experience.

**5.        TAXES**

All purchases made by the Town, and associated with the award of this requirement shall be tax exempt. Any taxes must not be included in bid prices. A Town Tax Exemption Certificate shall be furnished upon request.

**6. INQUIRIES**

a) All inquiries regarding this request shall be answered up to the close of business on **August 19th, 2014**, after which time no additional questions will be accepted. To ensure consistent interpretation of certain items, answers to questions the Town deems to be in the interest of all bidders will be made available in writing or by Fax as appropriate to all bidders. Inquiries of a technical nature may be directed to **Mr. Joseph Laucella, Chief EMERGENCY MANAGEMENT SERVICES (EMS) (203.452-5078) jlaucella@trumbull-ct.gov**

b) The Town reserves the right to communicate with any or all of the bidders to clarify the provisions of Proposals. The Town further reserves the right to request additional information from any bidder at any time after proposals are opened.

c) It is the sole responsibility of a bidder to verify any addendums that may have been issued relating to this request prior to submission of a proposal. Any notice of addendum shall be published on the Purchasing Department Website [www.trumbull-ct.gov](http://www.trumbull-ct.gov) . Failure to submit a response that does not address any changes or addendums may result in a disqualification of a proposal submission.

**7. AWARD AND AUTHORITY**

The Town will issue notification of award in the form of a Purchase Order.

**8. PRICING**

a) All prices quoted are to be firm for a period of one (1) year following bid opening.

b) Special Consideration will be given to responses with extended firm price dates. The Town is always interested in any and all cost reduction opportunities.

**9. ASSIGNMENT OF RIGHTS, TITLES, AND INTERESTS**

Any assignment or subcontracting by a bidder, vendor, or contractor for work to be performed, or goods and/or services to be provided, in whole or in part, and any other interest in conjunction with Town procurement shall not be permitted without the express written consent of the Town of Trumbull.

**10. HOLD HARMLESS CLAUSE**

Bidder agrees to indemnify, hold harmless and defend the Town from and against any and all liability for loss, damage or expense which the Town may suffer or for which the Town may be held liable by reason of injury, including death, to any person or damage to any property arising out of or in any manner connected with the operations to be performed under an agreement with the Town, whether or not due in whole or in part of any act, omission or negligence of the Town or any of his representatives or employees.

**12. CONFLICT OF INTEREST**

No purchase shall be made from nor shall services (other than services as an officer, agent, or employee of the Town) be secured from any officer or employee of the Town, or from any partnership or corporation in which such officer or employee is a partner or officer, or holds a substantial interest, unless such relationship and the fact that such purchase is contemplated shall be made known in writing to the agency making such purchase, and notice thereof posted, for at least five (5) days before such purchase be made, in the office of the agency making such purchase and in a public place in the Trumbull Town Hall.

**13. EQUAL ITEMS**

Equal items must be approved by the Town, and the Town reserves the right to reject any proposal offering equipment and/or materials, which, in its opinion does not meet the standard of quality established by the attached specifications. Any such decision will be considered final and not subject to further recourse.

**15. DELIVERY AND F.O.B.**

The quoted price must be F.O.B. Trumbull, Connecticut as designated on the purchase order. All prices shall be quoted as **DELIVERED PRICES**. The terms of the sale must be stated.

**TOWN OF TRUMBULL  
EMERGENCY MANAGEMENT SERVICES (EMS)  
TECHNICAL SPECIFICATIONS FOR  
TYPE II, CLASS A AMBULANCE**

**RFP 6077            DUE; AUGUST 22 ,2014 @ 2PM**

**SPECIFICATIONS, REQUIREMENTS AND GENERAL CONDITIONS  
(This section must be submitted with RFP Submittal)**

The attached specification defines a heavy-duty, commercial emergency medical vehicle, built to withstand adverse driving conditions. The vehicle shall meet or exceed the latest revision to federal specification KKK-A-1822, Federal Motor Vehicle Safety Standards (F.M.V.S.S.), National Truck Equipment Association (N.T.E.A.) Ambulance Manufacturer's Division (A.M.D.) standards and Ford Qualified Vehicle Modifier (Q.V.M.) Program Truck Guidelines.

This invitation is extended to all qualified vendors/manufacturers that are specifically in the business of building emergency medical vehicles and/or equipment.

**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).

Bidder Complies    YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies    YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies    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.

Bidder Complies    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.

Bidder Complies    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. This agency will share the exception/alternate solution with all other Qualified Bidders. Explanation of exceptions shall be documented in writing at least two business days prior to the deadline for bid submission.

Bidder Complies 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.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

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

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 AND the exception(s) are cleared up not less than two days prior to the bid opening date.

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

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

VEHICLE QUANTITY: THIS AGENCY is currently seeking to purchase one vehicle per the specifications set forth in this solicitation for bid. THIS AGENCY AND/OR other government or private agencies that qualify to purchase under this contract will reserve the right to increase the number of vehicles purchased without incurring an obligation to obtain bids from other vendors for a period of two years. A contract extension may be provided to the successful, qualified vendor who has performed satisfactorily to the original contract.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### VENDOR QUALIFICATIONS:

FORD Q.V.M.: All Bidders shall be members in good standing of the Ford Motor Company's Qualified Vehicle Modifier Program (Q.V.M.). Each bidder shall supply a copy of their valid Q.V.M. Certification with their bid package. If for any reason the Q.V.M. Certification has been withdrawn or suspended by Ford Motor Company within the past five years, the bidder shall supply a full written explanation as to why it was withdrawn. The written explanation shall include any corrective actions taken to regain the Q.V.M. Certification.

Bidder Complies 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: \$1,000,000  
Medical Expenses: \$5,000  
Personal and Adv Injury: \$1,000,000  
General Aggregate: \$2,000,000  
Products - Comp/OP Agg: \$2,000,000  
Automotive Liability - Combined Single Limit: \$1,000,000  
Excess Liability - Umbrella Form  
Each occurrence: \$25,000,000  
Aggregate: \$25,000,000  
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

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### QUALIFICATIONS FOR BUILDER OF SPRINTER AMBULANCES

Manufacturer shall have significant experience building certified ambulances on Sprinter chassis. The builder shall have produced in excess of 300 2nd generation Sprinter vehicles (since 2007). Bidder shall submit with his bid a letter of verification of this requirement, signed by an officer of the manufacturing company.

Manufacturer of ambulance shall also be a certified member of the Sprinter Customer Assurance Program for Mercedes Benz and Freightliner. Bidder shall provide a document from Sprinter Engineering and Compliance Support, verifying compliance with this requirement.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### NATIONAL TRUCK EQUIPMENT ASSOCIATION TESTING

A.M.D. 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 two and a half (2-1/2) times the curb weight of the built vehicle.

A.M.D. 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 this 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 A.M.D. Standard 003 testing prior to the incident is deemed invalid, regardless of the expiration date of the original test.

A.M.D. 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 A.M.D. 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 A.M.D. Standard 004 testing dated prior to the incident is deemed invalid, regardless of the expiration date of the original test.

A.M.D. 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 function 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 this Agency with a report containing the date, a full explanation of the incident and corrective actions taken to prevent future electrical failures.

A.M.D. 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 A.M.D. Standard 006.

A.M.D. 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 A.M.D. Standard 007.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 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.

A.M.D. 020 - FLOOR DISTRIBUTED LOAD TEST: The ambulance specified herein shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 0 20 - Floor Distributed Load Test. This standard must be type certified by an independent testing laboratory on a like test model.

A.M.D. 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.

A.M.D. 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.

A.M.D. 023 - SIREN PERFORMANCE TEST: The ambulance siren system shall be type tested to the National Truck Equipment Association, Ambulance Manufacturing Division Standard 0 23 - Siren Performance Test.

A.M.D. 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.

A.M.D. 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.

Bidder Complies 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.

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.

Bidder Complies 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 .

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

**DEBARMENT STATUS:**

By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty of perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bid on contracts by any agency within the home state of THIS AGENCY, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the home state of THIS AGENCY.

**WARNING:**

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

**CHASSIS MODEL:** The apparatus shall be a 2014 Sprinter 2500, van body, single rear wheel, two wheel drive chassis equipped as follows below.

**TRIM PACKAGE:** The highest level trim package shall be supplied from the O.E.M. The package shall include high quality chrome like bright work on the grille face.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

**O.E.M.:** The O.E.M. For the ambulance specified shall be Mercedes Company.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ENGINE: A V-6, Turbo-charged Diesel engine shall be provided with a minimum displacement of 3.0 liters 154 horsepower at 3400 revolutions per minute with 280 foot pounds of torque at 1200 revolutions per minute. Engine performance shall comply with or exceed the most current revision of KKK-A-1822.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

TRANSMISSION: A 5-Speed Automatic, Heavy Duty, Electronically Controlled with overdrive, tow/haul mode and internal transmission oil cooler.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

GROSS VEHICLE WEIGHT RATING (GVWR): The GVWR of the chassis supplied shall be at least 8,550 pounds.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FRONT AXLE WEIGHT RATING (FAWR): The FAWR shall be rated no less than 3,970 pounds.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR AXLE WEIGHT RATING (RAWR): The RAWR shall be rated no less than 5,360pounds.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ALTERNATORS: Sprinter's option No BAJ single alternator option shall be supplied and installed by the O.E.M. The alternator shall have an output of 220 amperes, measured with an under hood temperature of 200 degrees Fahrenheit. The alternator shall be controlled by the vehicles on board computer. The alternators' output cable, originally connected directly to the positive post of the under hood battery, shall be rerouted to a 3/8" diameter, solid brass junction post. A 2/O positive battery cable shall reconnect the alternator to the batteries from the junction post. The ambulance load cable shall connect under the hood to the aforementioned junction post.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

THROTTLE / AUXILIARY IDLE CONTROL: O.E.M. throttle shall be provided.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR AXLE RATIO: The rear axle type shall be a 4.10:1 gear ratio.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BATTERIES: Two (2) batteries shall be located, one (1) under hood and the other shall be located under the floor in the cab. Each battery shall have a cranking performance rating as set forth by the chassis manufacturer and the second battery shall be designated for the conversion.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BRAKES: 4-wheel anti-lock, power assisted hydraulic brakes shall be supplied by the O.E.M. The brakes shall be 4-wheel Disk type with anti skid control.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FUEL TANK: A midship fuel tank shall be supplied with a minimum 25 US gallon capacity. The fuel range shall be at least 250 miles per KKK-A-1822.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

APPEARANCE PACKAGE: The 2500 Chassis shall be equipped from OEM with the following, but not limited to:

Horns, dual electric

Black Argent Grille

Curbside Doors: Sliding

Door Glass, Patient Cabin: Fixed OEM, tinted

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

WINDSHIELD WIPERS: The Chassis shall be equipped OEM with integral intermittent windshield wipers that offer a variety of time delays between cycles.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BREAK-A-WAY MIRRORS: Dual, UV resistant polymer break-a-way mirrors, shall be supplied by the O.E.M. The mirrors shall be installed in the forward, lower corner of the side glass area. The driver side mirror glass shall be flat and contour matched to the mirror head. The right mirror shall feature a slightly convex mirror the same size as the driver's mirror. "Objects are closer than they appear" shall be printed on the base of the mirror glass. Both driver and passenger mirrors shall feature motor and heat elements operated by the driver's area.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

DAYTIME RUNNING LIGHTS: The chassis shall come from Dodge with Daytime Running Lights.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

TIRES: There shall be four (4) OEM provided LT245/75R16 All Season Radial tires. The tires shall be mounted and balanced. In addition, a spare tire shall be mounted and balanced..

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SPARE TIRE; A spare tire of matching make, model and size shall be provided with the chassis unit. The spare tire shall be stowed in the OEM location.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

JACK AND SPARE TIRE TOOLS: The vehicle jack and tools associated with the spare tire and jack shall be shipped loose with the unit.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ALUMINUM WHEELS: The wheels shall be aluminum, OEM 16 x 6.5.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAB SEATS: Adjustable O.E.M. High back, cloth covered bucket type seats shall be provided in the cab. Seat bases must be O.E.M..

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OCCUPANT RESTRAINT SYSTEM: The front, forward facing cab seats shall be equipped with O.E.M. installed three point seat belts. The seat belts shall have pretensioners built into the seatbelt assembly to take up belt slack during a frontal collision. The seat belt assemblies shall meet or exceed F.M.V.S.S. 208 and 209. The inside conversion panels shall not interfere with the swivel arc of the shoulder rings.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SUPPLEMENTAL RESTRAINT SYSTEM: O.E.M. air bags shall be installed, one on the driver and one on the passenger side. Permanent or quick release ambulance conversion components shall not interfere with air bag deployment.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAB STEREO: An O.E.M. AM/FM CD in dash radio shall be included with the chassis.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FRONT HVAC: The driver's cabin shall feature an O.E.M. installed air conditioning, heating and ventilation system. The system shall feature variable heat/cooling control, a fan speed selector switch and discharge air control. The control layout shall meet SAE standards.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAB INTERIOR COLOR: The interior of the cab shall be Gray.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAB FLOOR COVERING: The cab floor shall be covered with an O.E.M. mat.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CRUISE CONTROL: There shall be an OEM supplied cruise control.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

WELD QUALITY: All welds within the ambulance shall meet American Welding Society codes for structural and sheet welding. All weld sites shall be cleaned prior to welding. All welds shall be free of cracks, cavitation, oxidation and foreign substances. All MIG Welds on steel shall be shielded with Carbon Dioxide/Argon mixed gas, during the process.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### STRUCTURAL ALTERATIONS:

BULKHEAD BOLTING PLATES: The left and right front cabinets, located just behind the driver and passenger seat shall be through bolted to the welded structure at the base and the top of each cabinet. The base of the cabinetry shall be through bolted to plates welded in perpendicular to the O.E.M. floor. The base plates shall be continuously fillet welded on each side of the plate. This system will maximize crew safety, therefore no exceptions will be considered.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OXYGEN RACK BOLT PLATE: The oxygen cylinder anchorage system shall meet National Truck Equipment Associations (N.T.E.A), Ambulance Manufacturers Division (AMD) Test No 003. This system shall be type certified by an independent testing laboratory. Proof of current testing shall be submitted upon request.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

RIGHT SIDE, INTERIOR WALL PANEL STRUCTURE: The C-pillar is the O.E.M. vertical structure, located after the passenger side access door. The ambulance manufacturer shall install (2) two contour matched, steel intermediate structures to secure the curbside wall panel.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ROLL CAGE ENHANCEMENT: A steel roll bar system shall consist of internal structure over the patient cabin and 1 hoop over the driver and passenger. The steel quality should be ASTM-A36. The structure shall be constructed of 1 x 1 steel box tubing. Structure designed to accommodate a recessed grab rail. Additional 1" x 1" box tubing and 1" x 2" channel added for structural integrity.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OVERHEAD GRAB RAIL ANCHORAGE: Two four inch wide steel backing/bolting plates shall be welded to the roll cage for up to two 72" long grab rails. As a standard, one 72" grab rail shall have three mounting plates, each plate with holes for two #10 pan head fasteners.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SEAT BELT ANCHORAGE: Three sets of seat belts are required along the squad bench. These seat belts shall be through bolted through 11 gauge x 8 steel plate MIG Welded to the O.E.M. Side structure. The seat belt plate shall meet all Federal Motor Vehicle Safety Standards regarding seat belt anchorage requirements. (FMVSS 209 / 210).

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR BUMPER: The OEM Rear Bumper shall be deleted to comply with the requirement of KKK-A-1822 with regard to stepping height and cot loading requirements.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR BUMPER: The van shall have a bolt on rear bumper step. The main structure shall be steel channel. The channel shall terminate under the aluminum grip strut bumper step and come out past the OEM bumper. There shall be an overlap of the steel channel material forward of the grip strut that shall accept a bolt which is a minimum of 3/8". The rear step shall be constructed of aluminum grip strut with aluminum structure and shall bolt up to the steel channel ends.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SNOW CHAINS: The specified ambulance shall have a set of On-Spot Automatic Tire Chain System offering the traction of a single set of conventional snow chains at the flip of a dashboard switch, without having to stop the vehicle. An electric switch shall be mounted in the cab to activate an air solenoid mounted on the vehicles frame rail.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SNOW CHAIN COMPRESSOR: The specified snow chain system shall have the compressor to operate the system installed under the Action Area cabinet, accessed through a removable door.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SNOW CHAIN AIR SUPPLY TANK: The specified chains shall have an air supply tank that holds the compressed air generated by the compressor system. It shall be located between the chassis frame rails.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SNOW CHAIN SWITCH: The specified chains shall have a safety switch in the dash that will activate the system. The switch shall require special activation so as not to be accidentally activated.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OEM TOP: The van chassis shall be equipped with an OEM high roof designed to increase head room and accommodate exterior perimeter lighting. Light mounting surfaces shall not prevent the warning lights from meeting all photometric lighting requirements set forth in the current Federal specification KKK-A-1822. Top construction shall be steel structure without external modification.

Since the roof is metal, additional ground plane screen for antenna reception is not necessary.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

INTERIOR LIGHT VALANCE: There shall be a valance suspended from the ceiling at the rear just inside the rear entry door to house warning and load lights to activate with the rear door in the open position. When the door are closed, these lights shall not activate but the lights mounted on the outside of the rear doors shall activate.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LED LIGHT: There shall be a pair of Whelen four (4) LED red lights installed on the ambulance. Final location shall be determined by this department and noted on the final build order at confirmation.

Mounted in the inside window jamb area to face rear with doors open at 90 degrees.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

THIRD BRAKE LIGHT: The third brake light shall be the OEM standard light as the GM roof cutout does not interfere with the OEM third brake light.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

EXTERIOR FLOOD and LOAD LIGHTING:

LEFT SCENE LIGHTS: Two scene lights shall be provided on each side of the van top. The lights shall be Whelen 700 LED series. The scene light group shall meet or exceed the current Federal specification KKK-A-1822.

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR LOAD LIGHTS: Two rear load lights shall be provided on the rear of the van top. The lights shall be Whelen 700 LED series. The light group shall meet or exceed current federal specification KKK-A-1822.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### ENVIROMENTAL

A/C UNIT LOCATION: On the floor behind the attendant seat. AC Unit will have a ducted delivery system in the ceiling with eight (8) adjustable vents. And two additional adjustable vents above and behind the attendant seat.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

AUXILIARY CONDENSER: The patient area A/C system shall employ an auxiliary condenser that is plumbed in series with the O.E.M. Condenser. The condenser shall be through bolted to brackets under the chassis. The electric cooling fan shall be mounted to the core assembly and blow toward the road. The condenser fan shall come on when either the cab or the patient cabin A/C unit is turned on. 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR AIR CONDITIONING EVAPORATOR: Air Conditioning is hereinafter referred to as A/C. The module shall have an additional, self-contained A/C evaporator unit complete with a dual blower motor driven, high output fan. The fan shall be three speed and shall move 600 cubic feet of air per minute on high. The A/C unit shall also incorporate a hot water heater core for heat. The valves shall operate with the heater/defrost controls. The unit shall be rated at least 32,000 British Thermal Units (BTU) in A/C Mode and 23,000 BTU in Heater Mode. The Vehicle A/C Heater system must meet or exceed current Federal specification KKK-A-1822.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HEATER HOSES: Heater hoses for the cab shall remain O.E.M.. 5/8 inside diameter, E.P.D.M. rubber hoses shall route from the O.E.M. tie in point to the rear heater core. Hose made from other materials shall not be used because they do not meet Ford Qualified Vehicle Modifiers Program (Q.V.M.).

Bidder Complies 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 an aluminum 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. 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

AIR CONDITIONING HOSES: All A/C Hoses shall meet Society of Automotive Engineers (SAE) J-2064. The discharge (High side) is (Size 6). The suction (Low side) shall be (Size 10).

All hose to fitting clamps shall be machine crimped, plated steel ferrule type.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HEATER HOSES: Heater hoses for the cab shall remain O.E.M.. 5/8 inside diameter, E.P.D.M. Nomex rubber hoses shall route from the O.E.M. tie in point to the rear heater core per QVM standards.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PATIENT CABIN - AIR CONDITIONING SYSTEM: The air conditioning system specified herein shall be completely divorced/separate from the cab HVAC system. ALL components of the A/C (HVAC) system shall be MATCH SELECTED AND SOURCED from ONE air conditioning vendor. A/C system warranty responsibility and system durability issues shall be ABSOLUTELY CLEAR. A/C systems comprised of components originating from mixed vendors are not acceptable.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SWITCHING: The Patient Area Air Conditioning and Heat shall be controlled with a switch in both the Cab Switch Panel and the Patient Area Switch Panel. The switches shall be wired three way so that the system can be activated or canceled from either location..

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR AC CONTROL / THERMOSTAT: The air conditioning and heat for the patient cabin shall be controlled by a thermostatically sensitive panel located in the action area console. The panel shall feature a three speed fan control switch, a system "heat-off-cool" switch and a variable temperature control. L.E.D. lights shall indicate "cool" and "heat" modes. A digital display shall indicate the patient cabin temperature.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LINER PANELS: The patient cabin head liner substrate material shall be one quarter inch thick plywood. The substrate shall be covered with a minimum 28 mil thick gloss white mica.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### INTERIOR LIGHTING

PATIENT CABIN DOME LIGHTS: The patient cabin shall have six dual intensity, Kinequip LED KFA-LS15-W dome lights in the ceiling. The domes centers shall be aligned along two, 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

15 MINUTE ELECTRONIC TIMER: A 15 minute, electronic timer activated by a switch shall provide temporary illumination of the patient cabin for check out purposes. The switch shall activate the lights listed below. The switch input shall be wired directly to the vehicle batteries. The timer circuit shall comply with KKK-A-1822 3.8.5.2.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTS POWERED BY TIMER: The aforementioned timer shall power all of the dome lights on the low intensity setting. The duration of the light shall vary with the setting of the timer.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Located on the interior Curbside wall, at the head of the squad bench.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

I. V. BAG HANGING HARDWARE, No 1: One self-contained recessed I. V. Hook assembly shall be installed in the ceiling. The I. V. Hook assembly shall fold and stow recessed in a cast aluminum housing. The hooks are to be spiral shaped to preclude I. V. Bag from falling off with push button release for each fluid bag. The I. V. Hook assembly shall hold (2) two bags of fluid. A rubber with Velcro anti-sway device shall be included for I. V. retention, without depending on adjacent cabinetry.

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

I. V. BAG HANGING HARDWARE, No 2: One self-contained recessed I. V. Hook assembly shall be installed in the ceiling. The I. V. Hook assembly shall fold and stow recessed in a cast aluminum housing. The hooks are to be spiral shaped to preclude I. V. Bag from falling off with push button release for each fluid bag. The I. V. Hook assembly shall hold (2) two bags of fluid. A rubber with Velcro anti-sway device shall be included for I. V. retention, without depending on adjacent cabinetry.

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OVER HEAD ASSIST RAIL: The rail shall be mounted in Center of Ceiling Panel. The rail shall meet or exceed current Federal specification KKK-A-1822. The rail shall be 1 ¼ diameter, 100% stainless steel and 72" long. All rail fittings shall be TIG welded to the main rail.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PATIENT CABIN INSULATION: The insulation material shall be 8mm thick nonabsorbent, reflective and shall have an air cell core. 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, N.F.P.A. 255, U.B.C. 42-1, and U.L. 723. The insulation shall have a N.F.P.A. Class A and a U.B.C. 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 insulation on all four walls, doors, compartments, ceiling and floor.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PATIENT CABIN INSULATION, ADDITIONAL : The additional insulation material shall be 8mm thick nonabsorbent, reflective and shall have an air cell core. 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, N.F.P.A. 255, U.B.C. 42-1, and U.L. 723. The insulation shall have a N.F.P.A. Class A and a U.B.C. Class 1 fire rating with a flame spread index of 20 and a smoke developed index of 30. The application shall be an additional layer of insulation on all four walls, doors, compartments, ceiling and floor.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SPRINTER FRONT UPPER WARNING ZONE; There shall be produced and installed an inclusive weather protective housing for the front upper warning lights on the Sprinter High roof chassis cab. The base housing is constructed of Fiberglass reinforced plastic, general purpose resin with Fiberglass content 30% minimum by weight, final coated with isothalic gel coating at .015 minimum. The internal of the housing is base painted Silver Metallic Sherwin Williams Polane G. The lens is contoured to fit the shell and is optically clear DME#A2 Polycarbonate Makrolon # AL2647. The lens also has a hard coating applied to resist scratches and UV damage. The lens and bezel ring is hinged to allow access to the lights utilizing stainless steel brackets, and a secure extruded silicone rubber 50-60 durometer gasket. This housing shall contain Upper level warning lights at minimum with opportunities for additional lighting at upper and lower levels. All lights shall be connected to harness that will be integrated to the warning light system. The upper warning light minimum package shall comply with photometric, chromaticity and physical requirements set forth in Federal specification KKK-A-1822D 3.8.2.2.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LAYOUT PACKAGE 1; There shall be 3 total lights installed in the upper row of the aero dome. All connected to standard primary warning light activations. Additional lighting shall consist of two additional M2 lights on the upper row, one additional M6 light on the upper row, and two rotobeam LED rotator lights.

The lower row of additional lights shall contain seven M4 size warning lights. The additional warning lights shall be controlled by a "FRONT LIGHTBAR" ACTIVATION Switch.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U1;

UPPER FRONT SIDE WARNING; There shall be installed a Whelen M2 Red LED warning light at the U1 position of the aero dome.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U2;

UPPER WARNING LIGHT; there shall be installed an Whelen M-6 non Programmable RED LED light with no lens.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U3A;

UPPER WARNING LIGHT; there shall be installed a Whelen 600 size Rotobeam LED, Red light with separate control icon/ switch in the front control panel

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U4;

UPPER WARNING LIGHT; there shall be installed an Whelen M-6 non Programmable White LED light with no lens.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U5;

UPPER WARNING LIGHT; there shall be installed an Whelen M-6 non Programmable White LED light with no lens.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U6B;

UPPER WARNING LIGHT; there shall be installed a Whelen 600 size Rotobeam LED, Red light with separate control icon/ switch in the front control panel

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U7;

UPPER WARNING LIGHT; there shall be installed an Whelen M-6 non Programmable RED LED light with no lens.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION U8;

UPPER FRONT SIDE WARNING; There shall be installed a Whelen M2 Red LED warning light at the U1 position of the aero dome.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LIGHTING POSITION L1;

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 Red LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### LIGHTING POSITION L2

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 White LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### LIGHTING POSITION L3

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 Red LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### LIGHTING POSITION L4

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 White LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### LIGHTING POSITION L5

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 Red LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### LIGHTING POSITION L6

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 White LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

#### LIGHTING POSITION L7

UPPER WARNING LIGHTS, LOWER DECK: There shall be installed a Whelen M4 Red LED, with programmable flash patterns on the lower deck of the aero dome.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

WARNING LIGHT FLASHER: A Vanner Model 9860GCPE Heavy Duty, Duo-mode electronic flasher shall provide momentary power (Flash) the Halogen light heads at a rate of 75 to 80 flashes per minute (+-8%). The device shall have three output legs with maximum output current ratings of: Terminal A with forty amperes, Terminal B with 24 amperes and Terminal C with 30 amperes. Primary mode is the standard running mode which flashes alternately between light heads powered off Leg A and those lights powered off Legs B and C. In secondary mode (used at the scene), all lights on Leg C will go out. The device shall function with an input voltage ranging from ten to sixteen volts, direct current. (10V - 16V). The flasher shall operate in the most severe environments with an operating ambient air temperature range, around the device of negative forty to positive one hundred degrees Fahrenheit. (-40 to 150 F) The input circuit shall be protected with overload protection

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FLASH PATTERN: The warning lights shall flash in the sequence described in the present revision of the Federal specification KKK-A-1822.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PRIMARY / SECONDARY SWITCH: The warning light system shall be controlled with a switch(es) located in the cab console. The switch(es) 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(4) Side Facing, Upper Body Lights: 900 L.E.D.. These light heads shall be Super LED with RED light emitting diodes.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Lens color of above light to be clear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(2) Intersection Lights: A pair of TIRLIN-3 LED lights shall be mounted in chrome flanged housings on the front fenders.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(2) Grille Lights: A pair of TIRLIN-3 RED LED lights shall be mounted in chrome flanged housings on the grille supports and mounted in such a way as not to block air flow.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Lens color of above light to be clear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(2) Rear Upper Body Lights: 700 L.E.D.. These light heads shall be Super LED with RED light emitting diodes.

LOCATION: Rear of the module, two inside in the valance and two outside on the rear access doors.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(4) Rear Upper Body Lights: (2) 900 Series L.E.D., (2) 700 Series L.E.D these light heads shall be Super LED with RED light emitting diodes.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Lens color of above lights to be clear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LOCATION: (2) 900 Series on the rear of the module, one in each upper outer corner,

(2) 700 Series inside in the valance

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

The above LED 700 Series light(s) shall be programmable to flash without an external flasher,  
The above 900 Series shall be steady burn to operate with the brake light override feature

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

**BRAKE LIGHT OVERRIDE:** The rear warning lights described above shall steady burn with the brake light switch on the foot pedal.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

The brake light override feature shall function during all modes of lighting operation. The aforementioned lights shall steady burn when the brake pedal switch is activated even when the emergency lighting is turned OFF. When the warning lights are in Secondary mode, then the rear lights specified above shall steady burn for the duration of the foot pedal depression and resume flashing when the foot brake is released.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

The brake light override feature requires an In-Power FLAS-VCM08 flasher unit to allow the programmable lights to brake override.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(3) Rear AMBER Warning Lts: Whelen (1) 700, (2) 900, (Super LED). These light heads shall be Super LED with AMBER light emitting diodes.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

**LOCATION:** Rear of the module, one inside in the valance and two outside on the rear access doors.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Lens color of above lights to be clear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

**FRONT GRILLE WARNING LIGHTS;** There shall be two lights mounted to the chassis grille to providing oncoming traffic warning for the lower zone. There shall be installed (2) Whelen Wide angle ION series Red LED warning lights with black housing at the specified location.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

**GRILLE LIGHT BRACKETS** There shall be installed a set of brackets to allow for mounting of the lights above to the backside of the sprinter grille. The brackets shall be coated to protect from the elements.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(2) Side Facing, REAR Intersection Lights: 700 L.E.D.. These light heads shall be Super LED with RED light emitting diodes.

LOCATION: On the side of the module, over each rear wheel well opening on the ambulance body.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Lens color of above light to be clear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

(2) Intersection Lights - Front Fenders: 700 L.E.D.. These light heads shall be Super LED with RED light emitting diodes. Whelen's optional bright, chrome like trim bezel (Flange), Part No 7EFLANGE shall embellish both light heads.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

Lens color of above light to be clear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

STEPWELL INSULATION PACKAGE: The underside of the curbside stepwell shall be insulated between the structure with blueblock foam and then the underside shall be capped off with aluminum sheet to protect the blueblock foam from weather elements.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BATTERY SWITCH: A conversion disconnect switch shall be supplied. Constant battery power shall be supplied for device memory(i.e.). The switch shall be a Cole Hersee Model M2484-16 with a legend bezel that defines the ON and OFF position. Additionally, an indicator light shall illuminate on the cab console panel when the switch is placed in the "ON" position.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OVERHEAD CAB DOME LIGHT: A pair of 12 Volt Kinequip LED lights 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.

Bidder Complies 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 Built into 3rd Brake light, to allow the driver to view as they are backing up. Unless otherwise specified, the camera shall be mounted over the rear doors as close to the centerline of the vehicle as possible. The system shall include all the necessary cables and adapters to connect the system together with power as needed. The monitor shall automatically be tied in so that when the vehicle is placed in reverse, it will automatically illuminate the monitor and through the monitor controls shall allow for the monitor to be illuminated when the vehicle is in any gear.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAMERA #2: There shall be a second camera (low profile) mounted in the patient area, hidden from plain view. The optimum location shall be in the recessed ABS pan of the patient area grab rail.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAMERA MOUNTING: Towards rear of the patient area to show the forward section of the patient area.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAB MONITOR MOUNT :: The vehicle shall include an ABS monitor housing, mounted on cab ceiling.

Bidder Complies 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 socketed 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

MASTER SWITCH: The patient area master switch shall be located in the cab switch console.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FLASHER UNIT: There shall be a 14S flasher unit installed to allow the indicator lights to flash in the cab console.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CAB CONSOLE: A 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 ness to the console. The substrate shall be laminated per the following finish specification.

Bidder Complies 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.

Bidder Complies 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 switch, 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

GAUGE PACKAGE:

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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

INDICATOR LIGHT FUNCTION: The door ajar indicator light shall flash when two conditions are met: The main conversion power switch is turned to the ON position AND Any compartment or entry door is opened. The door ajar light shall come ON with a door that is not COMPLETELY latched.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CONSOLE, RADI, ADD-ON:, in cab, double note book slot, Room for radio's in front. Double notebook located rear of cup holders

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

12 VOLT OUTLET No 1: This outlet shall be a, 12 volt, direct current, 20 Ampere, automotive "cigar" lighter size commercial outlet. This outlet shall be wired per current Federal specification KKK-A-1822.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OUTLET LOCATION: 12 Volt outlet shall be located in the patient cabin, Action Area panel.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POWER SOURCE: The input for the outlet shall be wired to the output of the Battery Switch.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ELECTRONIC SIREN: The siren control head shall feature a rocker type power switch, rotary function/Mode switch, a Manual momentary button switch, Diagnostic indicator lights a hardwired microphone and a microphone volume control potentiometer. The eight-position rotary switch shall feature the following modes:

The siren hardware shall consist of an amplifier and a remote mounted control head. The two channel siren amplifier shall operate two 100 watt RMS speaker drivers: RAD, PA, MAN, HF, WAIL, YELP, PIER.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SIREN HEAD LOCATION: The siren head shall be located in a molded in position of the front edge of the engine cover console.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SIREN SPEAKERS: The siren speakers shall not block air-flow into the grille and shall be recessed into the OEM bumper. The speaker shall have dual 100 watt drivers. The siren and speakers shall meet or exceed Federal KKK Specifications.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SIREN OR HORN SELECTOR SWITCH: The O.E.M. Horn ring shall control the OEM electric horn and the siren's manual momentary input controls. A single pole, single throw rocker switch shall manually connect the horn ring to either the OEM 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CUT-OFF SWITCH, BACK UP ALARM: The back up alarm shall include a momentary type rocker cut off switch to silence the alarm. The alarm enable circuit shall automatically reset when the transmission is shifted out of REVERSE.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

12 VOLT POWER INVERTER PRE-WIRE: The pre-wire shall include positive and negative 12 volt cables, a 200 amp fuse, fuse holder and a fully wired and labeled remote switch located in the attendant panel in the patient cabin. The cable size shall be determined by the maximum POTENTIAL load plus twenty-five percent.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LOCATION: The pre-wire shall be located under the Action Area, accessed thru a removable panel on the streetside cabinet wall.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POWER SOURCE FOR PORTABLE EQUIPMENT No 1: Positive and Negative polarity fourteen gauge wires shall be supplied and installed for subsequent storage of portable equipment. The wires shall have 36" tails and be barreled off and protected by a tem (10) ampere automatic reset circuit breaker.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

125 VAC to 12 VDC CONVERTER/BATTERY CHARGER No 1: A IOTA Engineering, L.L.C., Model DLS-30 Converter with a 30 ampere output capacity shall be supplied and installed. The device shall convert a 125 Volt, 60 Hertz Alternating current input into 13.4 to 13.6 Volt Direct current. The device shall provide clean, constant D.C. Power. When specified below this device shall be capable of serving as a battery charger that charges up to it's full output capacity and tapers back the output to a maintenance mode depending upon the need of the batteries.

This DLS series battery charger/power supply shall be designed with high quality components that have life span ratings of up to ten years of continuous use. This device shall feature self protection features including:

- 1) A.C. Input Protection: protects against damaging spikes (up to 190 Volts) A.C. That may come from the line or generator.
- 2) Reverse Battery Polarity Protection: protects against incorrect wiring hook up with fuses that can be easily replaced.
- 3) Brown Out Input Protection: protects against input spikes created by temporary or intermittent loss of input power.
- 4) Over Current Protection: protects against supplying too much output current
- 5) Over Temperature Protection: protects against thermal damage with a unique proportional fan control circuit that turns on a whisper quiet when the unit reaches 35 degrees Fahrenheit (35 degrees Celsius).

Warranty: The device shall be covered by the manufacturer for a period of two years against defects in materials or workmanship from the date of retail delivery.

An alternate charger / Converter may be supplied provided the alternate is equal in function, warranty and the alternate device has been approved by the agency prior to production.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CONVERTER TO POWER: The aforementioned converter/charger shall power the Portable Equipment Pre-wire within these specifications when the shoreline is connected and the aforementioned converter/charger has 110vac power.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PRE-WIRE INVERTER BRAND: The aforementioned pre-wire shall be for a Vanner model 20-1050 CULW inverter.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BATTERY CHARGER/CONVERTER: There shall be a IOTA-DLS-15 Converter installed and wired through the shoreline system. The converter shall accept input voltage from 108-132 Volts AC. The output shall be 13.6 volts DC. The maximum amperage on the converter shall not exceed 3.5 amps.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POWER SOURCE: The power provision shall be fed off of the battery switch.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

LOCATION: The power source shall be terminated behind the driver's seat.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POWER SOURCE: The power provision shall be fed off of the battery switch.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### COMMUNICATIONS

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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ORIGINATION POINT: The aforementioned Coaxial cable shall originate on the van roof. An antenna ground plane shall be laminated into the van top per the aforementioned specification. This roof port shall be located on the vehicle center line and approximately fifty one (51") inches rearward of the high roof to low roof drop off point.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### 125 VOLT AC - SHORE-LINE SYSTEM

SHORE LINE INLET No 1: The primary 125 Volt shore line inlet, rated at 20 Amperes shall be supplied. The plug style shall be a straight blade (NEMA 5-20P) style with a U-shaped ground. The inlet shall automatically eject the shore line connector when the vehicle ignition switch is placed in the START position. The shore line inlet shall employ a novel internal switch that closes and opens the 125 Volt circuit after the mating connector is inserted and before the connector is removed to eliminate arcing at the connector contacts. This will prolong the life of the inlet and the shore line connector. The inlet shall be protected with a weather proof cover.

Shoreline to be located aft of the driver's door just above the belt line

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BLOCK HEATER WIRING: The O.E.M. Block heater shall be wired to the shoreline. A 20 ampere, 125 volt female cord type plug shall be supplied so that the block heater can be disabled during warmer months.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SHORE LINE COVER: The shoreline inlet shall be protected with a Yellow weather proof cover.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### INTERIOR 125 Volt Alternating Current (AC) OUTLETS:

125 VOLT AC OUTLETS: 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, galvanized steel back box with a minimum of one and three quarter inch of box depth. Surface mounted "Weather Proof" boxes are not acceptable. The outlet cover shall be near flush and stainless steel. The outlet and Back Box must be grounded and protected by a G.F.I. (Ground Fault Interrupted) Breaker. Additionally each outlet body must illuminate when power is applied to the outlet. Each Outlet shall be clearly labeled with a permanent Clear decal with Black, easy to read text defining the outlet voltage. The text shall be a contrasting color to the red back ground.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

125 VAC OUTLET No. 1:

OUTLET LOCATION: Located in the patient cabin Action Area on the control console.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

125 VAC OUTLET No. 2:

OUTLET LOCATION: This 110 Volt outlet shall be located inside of the right front A.L.S. 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

125 VAC OUTLET No. 3:

OUTLET LOCATION: Located in the interior curb side, within the main wall panel and just above the top of the squad bench.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

INTERIOR 12 Volt Direct Current (DC) OUTLETS:

12 VOLT OUTLETS : This outlet shall be a, dual 12 volt, direct current, 20 Ampere, automotive "cigar" lighter size commercial outlet. This outlet shall be located and wired as specified below. The outlets shall be separately protected and shall be electrically isolated from other electrical functions on the vehicle. This outlets shall be wired per federal specification KKK-A-1822D 3.7.7.3.

OUTLET LOCATION: 12 Volt outlet shall be located in the patient cabin, Action Area panel.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POWER SOURCE: The input for the outlet shall be wired to the output of the Battery Switch.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

12 VOLT OUTLET No 3: This outlet shall be a, 12 volt, direct current, 20 Ampere, automotive "cigar" lighter size commercial outlet. This outlet shall be located and wired as specified below. The outlet shall be separately protected and shall be electrically isolated from other electrical functions on the vehicle. This outlet shall be wired per federal specification KKK-A-1822D 3.7.7.3.

OUTLET LOCATION: This outlet shall be located on the passengers side of the cab console.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

MICA COLORS: The mica color selection shall two tone. The upper two thirds of the cabinetry shall be White with a Glossy finish. The lower third of the cabinetry shall be genuine stainless steel with a brushed finish. The parting line between colors shall be straight, tight and clean. Mica edge shall be router clean, back filed and dry fitted prior to final lamination to the cabinet face. Seam quality showing evidence of using the "Factory Edge" shall be rejected. A sample of the subject mica color and stainless steel finish shall be supplied at the post award conference.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POLYCARBONATE COLOR: The polycarbonate through out 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HANDLES, POLYCARBONATE 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ATTENDANT SEAT: The attendant seat shall be a steel framed, high back bucket style captains chair, color matched to other upholstery within the patient cabin. The upholstery shall be seamless and vacuum formed to reduce the crevices where blood borne pathogens can collect.

The seatbelt on the main part of the seat shall be a 3-point that is supplied and tested by the seat belt manufacturer as a complete package.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PARTITION DOOR: The driver's cabin shall be closed off from the patient cabin with a sliding partition door. The door shall be made of 19mm (3/4") thick A-A cabinet grade plywood. All edges of the partition, including cutout edges shall be laminated with the same mica as both main surfaces. Coiled PVC/plastic, iron on type edge trim is not acceptable. Both side of the partition door shall be laminated with the same color, thickness and grade of mica used on the face of the cabinet package. The access opening shall be at least (43 Cm) 17 inches wide by (117 Cm) 43 inches high per Federal specification KKK-A-1822D 3.10.15.1..

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PARTITION DOOR WINDOW: A sliding panel, polycarbonate window shall be installed in the aforementioned partition door, positioned at the driver's eye level. The polycarbonate panes shall operate in an extruded aluminum track with a felt strip, designed to resist sliding. The window shall open to allow 100% of the area as a pass thru. The window shall have an area of at least 150 square inches per Federal specification KKK-A-1822D 3.10.15.1..

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### CABINET OVER SQUAD BENCH

CURB SIDE UPPER CABINET: The curbside upper cabinet is located on the curbside (right side) of the patient cabin, over the squad bench. The cabinet length shall be maximized and start within two inches of the curbside entry door opening and mate against the rear wall of the patient cabin. A three box glove dispenser shall be built into the head end of this cabinet with a fixed partition between each box of gloves. The gloves shall dispense through oblong slots cut into the 3/8-inch thick Lexan door. One door shall cover all three glove box bays, hinge across the top and feature a brass bodied, roller bearing type catch at the bottom.

CABINET "K": An interior cabinet shall be provided above the squad bench, on the curb side of the vehicle. This multipurpose cabinet interior shall be finished in high impact, white colored mica that is impervious to disinfectants and cleaners. The cabinet shall have a single opening. The cabinet shall add at least 2.0 cubic feet of interior stowage accommodations described in the present revisions of the Federal specification KKK-A-1822 3.11.1.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET "L": Cabinet "L" shall accommodate three (3) disposable glove boxes. The cabinet shall feature two fixed set back dividers to keep the glove boxes in position during transit. The dispenser shall be located at the forward end of the aforementioned "Curb side Upper". The dispense through door shall be 3/8" Lexan with machined oblong slotted holes designed and aligned specifically to remove gloves without having to open the door.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HINGED POLYCARBONATE DOOR: A 3/8" (0.375 in) thick, overlay hinged door with three oblong, dispense through holes shall be supplied on the aforementioned cabinet. The outer door edges and the oblong hole edges in the door shall be router semi-round and burned smooth. Each oblong hole shall align with the center of each divided cabinet cell. The design intent for the oblong holes are to be capable of dispensing gloves through the door, directly from the box.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### CABINETS ABOVE WALK THRU

Dual cabinets shall be positioned within the patient cabin bulkhead above the walk thru with maximum width and polycarbonate sliding doors.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HINGED POLYCARBONITE DOORS: Dual 3/8" (0.375 in) thick, overlay hinged doors shall be supplied on the aforementioned cabinets. The edges of the door shall be router semi-round and burned smooth.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### RIGHT FRONT A.L.S. CABINET

RIGHT FRONT A.L.S. CABINET: This cabinet shall be positioned in the right front corner of the patient cabin. The Right Front ALS cabinet shall accommodate several levels of storage capacity. The storage cabinets or shelf levels shall be instantly accessible through the side access doors.

All fixed shelf surfaces shall be covered in Easy Grip material. All cabinet interior walls and ceiling shall be finished in the same color laminate as the interior. All shelves shall have a 3/4 lip to preclude items from falling off the shelf in transit. All shelf lips shall be covered with anodized aluminum trim.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

VERTICAL BACKBOARD STORAGE SLOT: The Back of the Right Front ALS shall feature a back board slot measuring five inches wide by seventy two inches high.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

TOP SHELF LEVEL: This storage level shall be positioned just below the upper bulk head cabinet. The shelf surface shall be positioned at least 9.5" down from the bottom of the upper bulk head cabinet.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

OPEN ACCESS: The storage level (Shelf) shall feature open access.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

SHELF LEVEL 2: This shelf level shall be the second level. The shelf surface shall be positioned at least 9.5" down from the bottom of the fixed storage shelf above.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

OPEN ACCESS: The storage level (Shelf) shall feature open access.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

Cabinet I3: The level shall be positioned at least 14.0" down from the bottom of the fixed storage shelf above.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

OPEN ACCESS: The storage level (Shelf) shall feature open access. The shelf shall feature a one inch diameter support post for the shelf above this level.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

EQUIPMENT RESTRAINTS: Two webbed straps, vertically oriented shall be installed over the aforementioned opening. The belts shall feature two inch wide, sewn webbed straps that are secured to the face of the cabinet with two inch wide footman loops. The fasteners shall not pierce the webbing.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

OPEN ACCESS: The storage level (Shelf) shall feature open access. The shelf shall feature a one inch diameter support post for the shelf above this level.

Bidder Complies YES\_\_\_\_ NO\_\_\_\_

STAINLESS SHELF PROTECTION: There Shall be a Formed Stainless cover over the lip of the shelf to protect the shelf from the equipment being stowed and removed

Cabinet I4: This cabinet mates to the patient cabin floor. The level shall be positioned at least 14.0" down from the bottom of the fixed storage shelf above.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ENCLOSED CABINET: Shelf Level I storage cabinet shall feature a fixed side that will block off access, facing the curbside access door.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SOLID HINGED DOOR: A 3/4" (19mm) thick door shall be supplied on the aforementioned cabinet. The substrate shall be 7-ply, A-A (Cabinet grade), hardwood plywood. The door shall be flush fitted to the opening. 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 hinge. The door shall be finished on both sides with the same colored mica as the cabinet face.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

DOOR EDGE FINISH: The edges of the 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). The trim shall be bonded to the door edges.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

NON-LOCKING LATCH: A positive latch shall be supplied and installed on the cabinet door. The latch shall be powder coated black and be near flush when in the "closed" position. The depth of the pawl shall be adjustable to the latch side door frame.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### OXYGEN CYLINDER STORAGE CABINET

BULKHEAD CABINET: This cabinet shall be positioned across the front bulkhead of the vehicle to permit oxygen cylinder changes through the curbside access door without the installer entering the patient cabin. The cabinet shall accommodate one "M" sized, steel OR Aluminum oxygen cylinder. The cabinet shall be vented to the outside of the vehicle per current Federal specification KKK-A-1822.

The cabinet shall be the bottom section of the right front ALS cabinet stack and extend to the streetside of the ambulance integrating the attendant seat base. O2 storage rack mentioned later on in this specification shall not be recessed into the OEM floor.

VIEWING WINDOW: A rear facing oxygen viewing window shall be aligned with the cylinder valve and regulator with a hinged lexan door.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

OXYGEN CYLINDER STORAGE CABINET DOOR: The cabinet shall be fitted with an inset type door. The door shall be made of (3/4") thick cabinet grade plywood with laminate on all 4 surfaces.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HINGE ORIENTATION: The aforementioned door shall be hinged along the left edge of the door with a 1 ½" stainless steel piano hinge.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

NON-LOCKING LATCH: A positive latch shall be supplied and installed on the cabinet door. The latch shall be powder coated black and be near flush when in the "closed" position. The depth of the pawl shall be adjustable to the latch side door frame.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### SQUAD BENCH

SQUAD BENCH: A two seat squad bench shall be installed with the features listed below. The squad Bench shall comply with the current Federal specification KKK-A-1822.

Bidder Complies 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.

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PPRTABLE CYLINDER ACCESS SOLID HINGED DOOR: A 3/4" (19mm) thick door shall be supplied in the head of the squad bench. The substrate shall be 7-ply, A-A (Cabinet grade), hardwood plywood. The door shall be flush fitted to the opening. 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 hinge. The door shall be finished on both sides with the same colored mica as the cabinet face.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

DOOR EDGE FINISH: The edges of the 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). The trim shall be bonded to the door edges.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

NON-LOCKING LATCH: A positive latch shall be supplied and installed on the cabinet door. The latch shall be powder coated black and be near flush when in the "closed" position. The depth of the pawl shall be adjustable to the latch side door frame.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REINFORCEMENT BRACKETERY: Seat belt reinforcement bracket is attached to floor of the unit. Seat belts are bolted through the face of the squad bench into the steel reinforcement support bracket. Seat belts are for Patient restraint & safety during transport.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

Restraint Protection: A detachable restraint net shall be installed at the head of the squad bench. The net shall be a grid of 2 wide safety web, spaced on maximum centers of 8 inches.

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

- The floor at the 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.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

RESTRAINT SYSTEM(S): The rear seating locations shall consist of either the P-6 6-Point restraint system or a 2-point traditional lap belt. 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. The Seat Belt System(s) shall be in the following locations:

There are to be two P-6 restraints on the Squad Bench.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

SECONDARY PATIENT RESTRAIN SYSTEM: There shall be (3) Secondary patient restraints - 9" Buckles on the face of the squad bench with the retractor located on the back wall inside of the bench.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

BIO-WASTE RECEPTACLE: A biological waste receptacle with a red door shall be supplied and installed at the head of the squad bench. A white colored "Bio-waste" symbol and legend shall be applied to the door.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

SHARPS CONTAINER: A puncture proof, disposable sharps container located at the head of the squad bench with a 3 quart capacity shall be supplied for safe disposal of used/contaminated syringes. The unit shall include a spring loaded clip in the mounting to allow for secure mounting in the case of an accident.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

WASTE CONTAINER: One molded, rimmed plastic waste container shall be supplied and fitted into the "Bio-waste" enclosure.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

CABINET "A": An interior cabinet shall be provided directly over the rearward section of the Base wall cabinet within the UPPER most cabinet. This cabinet shall be formed from 1/2" wood substrate the same as the interior of the ambulance. Cabinet doors to be sliding polycarbonate.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

HANDLES, POLYCARBONATE 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.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

FIXED DIVIDER: A divider shall be supplied in the aforementioned cabinet. The divider shall be made of 1/2" (13mm) thick, 5-ply plywood and finished in 28 mil white colored mica. Both sides and front surface of the divider shall be laminated. The divider shall be permanently secured from the back, top and bottom sides.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

ADJUSTABLE SHELF: A shelf shall be supplied in the aforementioned cabinet. The shelf shall be made of 1/2" (13mm) thick, 5-ply plywood and finished in 28 mil white colored mica. Both sides 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 to prevent storage items from shifting against the doors. The shelf shall be secured with four (4) shelf clips to the incrementally adjustable shelf standard tracking on the sides of the cabinet. There shall be two shelf standards are both left and right sides of the adjustable shelf.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

CABINET "B": An interior cabinet shall be provided directly over the Action Area section of the Base wall cabinet within the UPPER most cabinet. This cabinet shall be formed from 1/2" wood substrate the same as the interior of the ambulance. Cabinet doors to be sliding polycarbonate.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

HANDLES, POLYCARBONATE 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.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

FIXED DIVIDER: A divider shall be supplied in the aforementioned cabinet. The divider shall be made of 1/2" (13mm) thick, 5-ply plywood and finished in 28 mil white colored mica. Both sides and front surface of the divider shall be laminated. The divider shall be permanently secured from the back, top and bottom sides.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

ADJUSTABLE SHELF: A shelf shall be supplied in the aforementioned cabinet. The shelf shall be made of 1/2" (13mm) thick, 5-ply plywood and finished in 28 mil white colored mica. Both sides 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 to prevent storage items from shifting against the doors. The shelf shall be secured with four (4) shelf clips to the incrementally adjustable shelf standard tracking on the sides of the cabinet. There shall be two shelf standards are both left and right sides of the adjustable shelf.

Bidder Complies YES \_\_\_\_\_ NO \_\_\_\_\_

CABINET "M": An interior cabinet shall be provided directly over the front section of the Base wall cabinet within the UPPER most cabinet. This cabinet shall be formed from 1/2" wood substrate the same as the interior of the ambulance.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SOLID HINGED DOOR: A 3/4" thick door shall be supplied on the cabinet. The substrate shall be 7-ply, A-A (Cabinet grade), plywood. The door shall be flush fitted to the opening. The door shall be hung on a continuous, stainless steel piano hinge on the bottom edge.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

DOOR EDGE FINISH: The edges of the 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). The trim shall be bonded to the door edges.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SIMPLEX LOCK: There shall be a push button and turn knob simplex style lock on the above mentioned cabinet door. There shall be a generic combination that is included in the vehicle owners manual with instructions on how this agency can change it to our unique code.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET "M": An interior cabinet shall be provided directly over the front section of the Base wall cabinet within the UPPER most cabinet. This cabinet shall be formed from 1/2" wood substrate the same as the interior of the ambulance.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

WALL CABINET: The action area console board shall be one piece. The substrate shall be 7-ply Ply board covered with easy grip material. The action area console panel will contain the switch panel and othe items required within KKK-F revision.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET TRIM TYPE: The aforementioned cabinet's opening shall be finish trimmed with three quarter inch rounded trim. The anodized trim shall be designed to be applied to an un rounded corner to maximize bonding area surface between the cabinet and the trim. The trim shall yield a one quarter inch radius at the corner and provide 3/4" material protection on each leg. The frontal surface shall angle close (Within 1/32") to the cabinet face to minimize snagging clothing, equipment or other items while passing by the trimmed opening. The trim shall be thick enough to protect the access opening and withstand normal working abrasions of equipment coming out of and being placed into the cabinet.

WALL CABINET ACCESS VENT: The wall cabinet shall have access under the action area. The opening shall be covered with a powder coated aluminum vent and secured with a locking latch.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET "C-1": An interior cabinet shall be provided in the upper section of the base wall cabinet on the streetside. The opening shall be no less than 10" high by 8"wide by 20" Deep. The opening shall This cabinet shall be constructed from 7-ply substrate and covered with white colored mica.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET "D-1": An interior cabinet shall be provided in the upper mid-section of the base wall cabinet on the streetside. This cabinet shall be formed from one piece of white colored ABS plastic sheet. Cabinet doors to be sliding polycarbonate.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HANDLES, POLYCARBONATE 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ADJUSTABLE SHELF: A shelf shall be supplied in the aforementioned cabinet. The shelf shall be made of 1/2" (13mm) thick, 5-ply plywood and finished in 28 mil white colored mica. Both sides 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 to prevent storage items from shifting against the doors. The shelf shall be secured with four (4) shelf clips to the incrementally adjustable shelf standard tracking on the sides of the cabinet. There shall be two shelf standards are both left and right sides of the adjustable shelf.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET "D-2": An interior cabinet shall be provided in the lower mid-section of the base wall cabinet on the streetside. This cabinet shall be constructed from 7-ply substrate and covered with white colored mica. Cabinet doors to be sliding polycarbonate.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HANDLES, POLYCARBONATE 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ADJUSTABLE SHELF: A shelf shall be supplied in the aforementioned cabinet. The shelf shall be made of 1/2" (13mm) thick, 5-ply plywood and finished in 28 mil white colored mica. Both sides 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 to prevent storage items from shifting against the doors. The shelf shall be secured with four (4) shelf clips to the incrementally adjustable shelf standard tracking on the sides of the cabinet. There shall be two shelf standards are both left and right sides of the adjustable shelf.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CABINET "D-3": An interior cabinet shall be provided in the lower mid-section of the base wall cabinet on the streetside. Cabinet doors to be sliding polycarbonate.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

HANDLES, POLYCARBONATE 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.

Bidder Complies 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 the patient cabin.

The floor covering shall be one piece through out the patient cabin regardless of the body length. The core of the flooring shall be the same color as the surface. The flooring material shall be commercial grade sheet floor. The floor covering shall be Tarkett Optima No 866 Sidewalk "Dark Gray". Flooring with white colored backing is not acceptable.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

STEPWELL TRIM (CS): The stepwell sha be trimmed with Aluminum stair nose.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FLOOR EDGE: The floor shall have a 3" Surface roll up on the wall cabinet and the face of the squad bench, ILOS

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

PRIMARY COT MOUNT: The main cot mount shall be a single position, Stryker model No 6371. The antlers shall be fasten to the floor. The antlers shall be detachable via thumb screws. The release bar shall be through bolted to the wall cabinet. The wall cabinet shall be reinforced with a steel backing bracket that mates against the face on the wall cabinet and through bolts securely through the floor of the ambulance body. The mount will be set in the side position, close to the wall cabinet. The mounts shall be set as specified below. Flooring material shall be used inside the floor plate cut out to seal otherwise exposed plywood surfaces inside the key hole slot and threaded hole in each cot mount plate.

Bidder Complies 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 1/4 (.250) inch thick, 6061-T-6 Aluminum plate structure. All cot plate structure shall be continuously welded to the floor structure members. Bolt tapping is acceptable ONLY over blind areas, where through bolting would require removal of the rear fuel tank AND access has been blocked off by permanent, critical structure or components. Plate tapping shall not be done unless the plate is at least one (1") inch thick. 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.

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

COT PLATES: Full length cot plates made of 16 gauge stainless steel, with a brushed finish shall be supplied and laid out to fit the aforementioned cot. Each full length cot plate shall originate at the full width threshold, run continuous and terminate just forward of the installed antler bar. The plate edges shall be rounded an positioned such that ALL cot wheels rest on the plates. The intent here is to eliminate wheel dents in the vinyl floor covering.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

COT HOOK: A Stryker manufactured ramped hook derived of solid aluminum shall be through bolted to the threshold at the rear access doors. The design intent is to prevent accidental cot roll off during loading and unloading a one-man cot. The hook shall snag a tubular drag bar that is built in to the cot frame. The cot hook shall be placed in a position where the under carriage of the cot can be erected and locked into place before release of the drag bar.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

REAR THRESHOLD: The rear threshold shall be a formed 3" Stainless Steel trim piece with yellow & black non-skid tape.

Bidder Complies 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 manufacturers 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 and withstand a system test pressure of 150 PSI / 1033 kPa test prescribed in current Federal specification KKK-A-1822. EACH ambulance shall be tested.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

(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 current Federal specification KKK-A-1822. Pressure drop across the outlet shall be less than 2.0 PSI at normal working pressure.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

(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 current Federal specification KKK-A-1822. Pressure drop across the outlet shall be less than 2.0 PSI at normal working pressure.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

(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. Pressure drop across the outlet shall be less than 2.0 PSI at normal working pressure.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies 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 a two (2) "D" 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. The rack shall be through bolted to reinforced, structural members or brackets that tie in directly to structure within the ambulance.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CYLINDER RACK: The high pressure cylinder, for the gas specified below, shall be restrained in a cabinet within the patient compartment. The cylinder restraint system shall meet or exceed the National Truck Equipment Association (N.T.E.A) Ambulance Manufacturers Division testing as described in standard 003. The cylinder rack shall accommodate either an "M" or "H" sized cylinder as specified by the department. The rack shall be a universal Ziamatic rack with adjustable web style straps that will allow for variation in the diameter of different tanks. The QR-MV rack shall mount on a QR-SAFD Ziamatic slide assembly mounted in the oxygen cabinet within the patient compartment. The QR-SAFD rack shall include a hinge that will allow the rack to angle and rest at an angle for easy loading and unloading of the oxygen cylinder.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

CYLINDER TYPE: This rack shall be for a MEDICAL OXYGEN cylinder. The oxygen system input hose shall be suspended over this rack. This input hose shall feature a nonferrous 9/16-18 RH bottle nut and regulator barb. This connection shall comply with the diameter index safety system (DISS) set fourth by the Compressed Gas Association (CGA) for safety.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

O2 WRENCH, CAST ALUMINUM, W/LANYARD OR TETHER: The bidder shall supply an O2 wrench for the main O2 bottle. The wench must be secured within the o2 compartment with a lanyard or tether

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ELECTRIC O2 SYSTEM: The bidder shall supply an Electric Oxygen system with a 12V solenoid valve and manual by-pass. The Manual by-pass shall be located in the action area console panel

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

VACUUM SYSTEM:

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.

Bidder Complies 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 secured in a wall mounted bracket.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SUCTION PUMP: This pump shall be a Thomas model. The exhaust tube shall be routed to the out side 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 300mm (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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

SUCTION PUMP LOCATION: The suction pump shall be installed in the space under the action area. Access to the pump shall be made through an access grille or door.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

DOOR HANDLES: The bidder shall supply (2) chrome plated, 7" metal handles. Handles to be through bolted to the window ledge on the rear doors. Fastening methods utilizing screws will not be accepted.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

POWER EXHAUST VENT: The bidder shall supply a 4", 12V power exhaust system, venting to the outside of the vehicle. The exterior vent cover to be chrome plated metal.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

FRESH AIR INTAKE: The bidder shall supply a 4" fresh air in take vent on the drives side.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

ACTION AREA LIGHTING: A 12v, 12", LED light fixture shall be installed on underside of the Action Area board control center.

Bidder Complies 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 Dark Gray. A sample of the actual color shall be submitted with the bid for approval.

Bidder Complies 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.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

#### PAINT SCHEME AND LETTERING

MAIN BODY COLOR: The main body color shall be Mercedes Sprinter White.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

BELT STRIPE & LETTERING: The customer will have their own shop prepare and install all striping and lettering.

SHIP LOOSE ITEMS: The items listed below are to be supplied by the vendor and give to the customer at the time of the vehicle delivery.

ABS GLOVE BOX DISPENSER: The Dispenser shall be formed and molded, of ABS. The Glove box shall be shipped loose for customer mounting.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

AMBULANCE MARKING PACKAGE: The vehicle shall be supplied with a lettering and "star of life" symbol decal package as described in the current Federal specification KKK-A-1822. The "ambulance marking package" is to be shipped loose with the vehicle.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

AMBULANCE MARKING PACKAGE - ROOF STAR: A 32" roof star shall be included as a part of the lettering and "star of life" symbol decal package (as described in current Federal specification KKK-A-1822). The 32" roof star is to be shipped loose with the vehicle.

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

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

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

O2 REGULATOR: One 50psi fixed output O2 regulator, CGA 540

Bidder Complies YES\_\_\_\_\_ NO\_\_\_\_\_

TOWN OF TRUMBULL  
EMERGENCY MANAGEMENT SERVICES (EMS)  
TECHNICAL SPECIFICATIONS FOR  
TYPE II, CLASS A AMBULANCE

RFP 6077      DUE; AUGUST 22, 2014 @ 2PM

PROPOSAL

THE UNDERSIGNED AFFIRMS AND DECLARES that this Bid is executed with full knowledge and acceptance of the specifications, requirements, terms and conditions contained herein and with complete understanding and full compliance of system requirements and hereby submits this Bid for the request noted above and certifies that this Bid meets all the specifications and conditions requested herein. Any substitutions to the specifications requested are clearly and completely noted. Any alternate Bids are presented in a similar format to those requested and are attached herein. It is understood that the Town reserves the right to reject any or all Bids or waive any formalities in this request.

Above Price Shall Remain Firm to \_\_\_\_\_, July 2015

Detailed specifications and literature accompanies this response are attached.

One (1) TYPE II, CLASS A AMBULANCE as detailed in the attached specifications

Year Make & Model: \_\_\_\_\_

DELIVERY: \_\_\_\_\_ after receipt of Purchase Order

TOTAL PRICE      \$ \_\_\_\_\_

\_\_\_\_\_  
(Written TOTAL amount)

Warranty: \_\_\_\_\_

The undersigned, as bidder, declares that no person, or persons, other than those named herein, are interested in this Proposal; that this Proposal is made without collusion with any person, firm or corporation; that no person or persons acting in any official capacity for the Town is directly or indirectly interested therein or in any portion of the profit.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
By (Signature)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Telephone/Fax

\_\_\_\_\_  
Email

\_\_\_\_\_  
Website