

**HART COUNTY BOARD of COMMISSIONERS
800 Chandler Street
HARTWELL, GA 30643**

DATE: January 19, 2010

BID NOTICE

Sealed bids for a remounted **Type I Ford Ambulances for Hart County EMS** subject to the conditions and provisions set forth in the attached bid package will be received at the Hart County Board of Commissioners office until February 23, 2010 at 3:30 PM. The commodities and /or services must be furnished as described and specified in this package.

Bids must be received either by mail or hand delivered in a **sealed envelope**. Faxed bids cannot be accepted.

Please address mailed bids, Fed-Ex, UPS, or hand delivered bids to:

HART COUNTY BOARD OF COMMISSIONERS
800 CHANDLER STREET
HARTWELL, GA 30643
Attn: Lawana Kahn

Also, please show the following on the **OUTSIDE** of the envelope:
BID FOR AMBULANCE REMOUNT

NOTE: Some "Next Day" deliveries may not get delivered to this office prior to the bid opening. Please be aware of this and make arrangements to have your bid here on time, as late bids will be rejected.

NOTICE: If you are downloading this information from a web page, you must register with Hart County EMS at the contact information listed on the **Invitation to submit bids page**. This is the only way Hart County EMS can be sure that you receive all addendum and relevant information for this bid.

**DATE BIDS DUE: Tuesday, February 23, 2010
3:30 p.m.**

**BID FORM
HART COUNTY BOARD OF COMMISSIONERS
800 CHANDLER ST., HARTWELL, GA 30643**

The (Company)_____

submits herewith Bid in response to bid request in this package, and in compliance with the description(s) and/or specification(s) attached hereto:

NOTE: You must sign and complete the Bid Supplemental Form and Contractor Affidavit.

PRICE:

Price in Numbers

Price in Words

The following Addenda to the Bidding and Contract Documents are acknowledged:

Addendum No: _____

Dated: _____

OFFICIAL COMPANY
ADDRESS_____

EMAIL ADDRESS:_____

SIGNATURE_____

PRINT NAME_____

TITLE_____ PHONE_____

DATE_____ FAX_____

Corporate Seal (if applicable)

**BID SUPPLEMENTAL FORM
HART COUNTY BOARD OF COMMISSIONERS**

DATE: _____

NOTICE: Hart County Purchasing Policy prohibits awards to a (1) county employee, (2) employee of a constitutional officer, (3) a Board of Commissioner Member, (4) Constitutional Officer or to a company/business where a county employee/Constitutional Officer holds any interest. These prohibitions also apply to immediate family members of those listed above. By signing below you are confirming that these prohibitions do not apply to your company/bid.

References: Name Title Organization Phone Number email address

- 1.
- 2.
- 3.

The _____ (Bidder) takes the following exceptions to the specification and bid documents:

(Important: See section IIb)

SIGNATURE: _____
CONTRACTOR AFFIDAVIT AND AGREEMENT OF COMPLIANCE WITH GEORGIA LAW 13-10-91 (1/1/10)

By executing this affidavit, the undersigned contractor verified its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm or corporation which is contracting with the Hart County Board of Commissioners has registered with and is participating in a federal work authorization program* [any of the electronic verification of work authorization programs operated by the United State Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with the Hart County Board of Commissioners, contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the (name of the public employer) at the time the subcontractor(s) is retained to perform such service.

EEV/Basic Pilot Program* User Identification Number

BY: Authorized Officer or Agent

Date

Title of Authorized Officer or Agent of Contractor

Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON
THIS THE ____ DAY OF _____, 200__

Notary Public

My Commission Expires:

* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV/Basic Pilot Program" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).

**Invitation to Submit Competitive Bids
For
1 REMOUNTED Ambulance and Equipment**

DATE: January 19, 2010

Hart County is soliciting competitive, sealed bids from qualified vendors for the purchase of One (1), Type I, Class I 2002 AEV Trauma Hawk modular to be refurbished to the attached specifications and remounted onto a new Ford 350 Super duty ambulance Chassis for Hart County. Hart County reserves the right to reject any and/or all bids. Hart County also reserves the right to accept the bid most advantageous to this agency.

The attached specifications define heavy-duty, commercial emergency medical vehicles, 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 Manufacturers 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 is specifically in the business of building emergency medical vehicles and/or equipment.

This invitation is issued by: Hart County Board of Commissioners
800 Chandler St.
Hartwell, GA 30643
Office: (706) 376-2024

Contact Person: Terrell Partain
800 Chandler St.
Hartwell, GA 30643
Office: (706) 376-3930
e-mail: hartcoems@hartcom.net

Schedule of Events Applying to this Procurement

Origination
Pre-Bid Conference

GENERAL CONDITIONS:

Party Identification
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: "Bidder" is hereinafter defined as the vehicle manufacturer and/or it's authorized representative. The bidder is an officer or assigned representative who is authorized to commit the manufacturer/builder to a contract with the "Agency". The authorized signature that seals the commitment of the manufacturer to perform in accordance with this contract, shall be made directly or indirectly by an officer of the manufacturer. Any authorized representative who is not an officer of the manufacturer shall show power of attorney which authorizes that representative to act in the capacity of making a binding contractual commitment.

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

Invitation's drawings, specs, schedule & instructions

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 AND 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.

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.

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. The 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.

The "Core Design" intent

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.

No Alternate Bids taking TOTAL Exceptions

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.

The agency makes no claim that ALL potential issues or improvements are included in the specifications supplied herein. The 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.

Caution:

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

Vehicle Quantity (Vehicles)

Y__N__

VEHICLE QUANTITY: This agency is currently seeking to purchase one new and one remounted vehicle per the specifications set forth in this solicitation for bid. The agency AND/OR other agencies that qualify to purchase under this contract shall 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 bidder who has performed satisfactorily to the original contract.

Vendor Qualifications

VENDOR QUALIFICATIONS

Ford QVM, Qualified Vehicle Modifiers Program Member

Y__N__

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.

Product Liability Insurance

Y__N__

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 - Aggregate policy limit of two million dollars.

Automotive Liability - Any Hired and Non owned Autos

Combined Single Limit of one million dollars.

Garage Liability - Any Auto

Auto only - Each accident: limit of one million dollars.

Excess Liability - Umbrella Form

Each occurrence: limit of twenty five million dollars.

Workers Compensation and Employers' Liability

Each Accident: limit of one million dollars

Disease policy: limit of one million dollars

Disease - Each Employee: limit of one million dollars

Automotive Damage, Physical Liability Damage

Comprehensive Deductible: Two hundred fifty dollars

Collision Deductible: Five hundred dollars.

Non-Discrimination and Equal Opportunity

Y___N___

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

(a) Title VI of the civil rights act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin;

(b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex;

(c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990;

(d) The Age Discrimination Act of 1974, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age;

(e) The Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse;

(f) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism;

(g) 523 and 527 of the Public Health Service Act of 1912 (U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records;

(h) 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.

Drug Free Work Place

Y___N___

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 the agency upon request.

Product Testing - NTEA - Ambulance Manufacturers' Division
NATIONAL TRUCK EQUIPMENT ASSOCIATION (N.T.E.A.)

Y___N___

Ambulance Manufacturers' Division:

A.M.D. 001 thru 025 - The ambulance described herein shall be type tested to the National Truck Equipment Association's Ambulance Manufacturing Division, Standards 001 through 025 - The tests shall be conducted by an independent testing laboratory and documentation of certification of testing shall be available if requested.

Quality Control: Specification Compliance
QUALITY CONTROL - Specification Compliance

Y___N___

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.

Non-Collusive Bid Certification

Y___N___

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 .

Debarment Status

Y__N__

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 bids 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.

F-Series 165 WB CHASSIS

Type I Modular Ambulance (**REMOUNT**)
CHASSIS

Y__N__

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

Engine: 6.4L Power Stroke V-8 Turbo Diesel - F-series

Y__N__

ENGINE: A V-8, Turbo-Charged Diesel engine shall be provided with a minimum displacement of 6.4 liters (390 cu in). The engine output shall be 350 horse power at 3,000 revolutions per minute and deliver 650 foot pounds of torque at 2,000 revolutions per minute. Engine performance shall comply with or exceed the most current revision of KKK-A-1822.

Cab Interior Color: Gray (F-series)

Y__N__

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

GVWR: 13,000 pounds, FAWR: 5,250, RAWR: 9,750 (4x2)

Y__N__

GROSS VEHICLE WEIGHT RATING (GVWR): The GVWR of the chassis supplied shall be at least 13,000 pounds.

FRONT AXLE WEIGHT RATING (FAWR): The FAWR shall be rated no less than 5,250 pounds.

REAR AXLE WEIGHT RATING (RAWR): The RAWR shall be rated no less than 9,750 pounds.

Rear Suspension: F-350 Leaf Springs, Single Stage (OEM)
REAR SUSPENSION - SPRINGS: The unmodified O.E.M. springs shall be supplied. The springs shall be single stage, constant rate leaf type with a 9,750 pound rating, measured at the ground.

Y__N__

Cab Seats, Driver/Pass: F1 OEM Captains' Chair - Cloth
CAB SEATS: O.E.M. High back, velour covered bucket type seats shall be provided in the cab. The seats shall adjust forward and aft. Seat base must be O.E.M.. After market seats and/or bases are not acceptable due to violations regarding S.R.S. (Air bag) deployment geometry and Ford Q.V.M. Guidelines.

Y__N__

OCCUPANT RESTRAINT SYSTEM: The front, forward facing cab seats shall be equipped with O.E.M. installed three point seat belts. 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.

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

Transmission: Ford Torqshift, 5 Speed Automatic (F-series)
TRANSMISSION: There shall be a Ford, Torqshift, 5-speed, automatic transmission with overdrive provided.

Y__N__

2010, F-350 4 x 2 DRW Reg Cab, 165" WB, XLT
CHASSIS

Y__N__

CHASSIS MAKE: The apparatus shall be mounted on a commercially available cab and chassis manufactured by Ford Motor Company. The chassis manufacturer shall

be the vehicle's point of origin. The chassis shall be supplied by Ford as an incomplete vehicle to the successful ambulance manufacturer. The chassis supplied shall conform to all applicable Federal Motor Vehicle Safety Standards in force at the time of manufacture. A statement of conformity shall be supplied with the chassis in an "Incomplete Vehicle Manual".

CHASSIS MODEL: The apparatus shall be mounted on a 2009 or newer F-350, Regular cab, dual rear wheel, two wheel drive chassis equipped as follows below.

WHEEL BASE: The wheel base shall be 165 inches with a cab to axle dimension of 84". The wheel base shall be factory supplied by the O.E.M. Modified wheel bases made from chassis with shorter or longer wheel bases are not acceptable.

O.E.M.: The acronym O.E.M. Is Original Equipment Manufacturer. The O.E.M. Is the chassis manufacturer and the vehicles Maker and Origin.

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

Terminals, Battery: Top Post, Lead Alloy - (2) Batt

BATTERY TERMINALS: Each battery cable terminal shall be made of Lead Alloy and lubricated with Dow Corning #111 Di-electric grease. Each terminal shall be diameter indexed to the terminal polarity on the battery. (The positive terminal hole is slightly larger than the negative.) Positive terminals used on negative battery posts are strictly prohibited and will not be accepted by this agency.

Y___N___

Batteries: (2) OEM Motorcraft Under Hood (F-Series)

BATTERIES: Two (2) Motorcraft batteries shall be located under the hood. Each battery shall have a cranking performance rating of at least seven hundred and fifty (750) cold cranking amperes with a reserve capacity of at least sixty five (65) amp-hours.

Y___N___

Wheel Finish: Polished SS Wheel Simulators (F-350)

WHEEL/RIM APPEARANCE: All four outside chassis wheels shall be covered in polished stainless steel wheel simulators. The wheel simulator design shall not effect tire and wheel balance when the vehicle is driven between zero and eighty miles per

Y___N___

hour. The lugs shall be capped off with bright stainless steel, snap on caps designed to cover wrench marks, normally remaining on the lug nuts.

Brakes, F-350: 4-Wheel Disc/Anti-lock, Power Assist

Y__N__

BRAKES: 4-wheel anti-lock, power assisted hydraulic brakes shall be supplied by the O.E.M. The brakes shall be 4-wheel Disc type with Dual piston, Pinslider calipers. The front disc diameter shall be 13.03 inches in diameter and the rear disc shall be 12.83 inches in diameter. The parking brake shall be a foot operated, Hand release independent mechanical brake, provided by the O.E.M.

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

Cab Door Locks: Power

Y__N__

INTERIOR UPGRADE PACKAGE: Ford Option code 18C, interior upgrade package shall be ordered and supplied on the chassis. This package shall include:

- Cloth Headliner
- High trim door panels
- Ford option code 21A high back bucket seats
- Cloth sun visors
- Front Carpet
- Power Door locks
- Power Windows

Insulation package

Daytime Running Lights: Ford OEM

Y__N__

DAYTIME RUNNING LIGHTS: Daytime running light option No 942 shall be supplied and installed by the O.E.M. Both headlights shall come on with the ignition switch.

Shock Absorbers: O.E.M., HD Gas Type, 1.38 inch

Y__N__

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

Front stabilizer (Sway) Bar: OEM, 1.00 inch bar diameter

Y__N__

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

Fuel Tank: 40 Gallon, Aft Axle, F-Series

Y___N___

FUEL TANK: The fuel capacity shall be at least 40 US gallons. The fuel range shall be at least 250 miles per KKK-A-1822E 3.4.9.

Rear Axle: Ford Corp. Full Float, 4.10:1 Ratio (F-350)

Y___N___

REAR AXLE TYPE AND RATIO: The axle shall be full floating with a Limited Slip Differential and a 4.10:1 gear ratio. Ford Code XEW.

Rear stabilizer (Sway) Bar: OEM, 1.125 inch bar diameter

Y___N___

REAR STABILIZER BAR: A computer selected, one and one eighth inch diameter anti-sway bar shall be supplied. The bar shall regulate body shift and enhance driveability, handling and control. The solid torsion spring steel bar shall be attached at two points on the rear axle and to two 9/16" diameter sway bar links that are through bolted the web of the vehicle frame. Each flexible connection point shall be isolated with natural rubber bushings.

Location: Shipped Loose

Y___N___

SPARE TIRE STOWAGE LOCATION: The spare tire and wheel assembly will not be carried on the unit. The spare tire and all the related tools shall be shipped loose with the completed vehicle.

Tire, SPARE: F-350 4x2, All season, Rdm Mk LT245/75Rx17E

Y___N___

SPARE TIRE AND WHEEL: One fully mounted, balanced, LT245/75Rx17E, Load range E spare tire and wheel assembly shall be supplied with the vehicle. The spare tire shall be mounted on an O.E.M. steel disc type, 8-Hole 6 inch by 16 inch rim. When the tire is to be carried on the unit, the tire hold down shall meet KKK-A-1822E 3.6.10. O.E.M. Tire tools shall be provided with the spare.

Tires: F-350 4x2, All season, Rdm Mk, LT245/75Rx17E

Y___N___

TIRES: All tires shall be identical make, tread type, size and load range. For aforementioned GVWR the tires shall be LT245/75Rx17E load range E. A label with the recommended tire pressure shall be located above each wheel opening, unless

specified otherwise by the purchaser. All tires shall be balanced per KKK-A-1822E 3.6.12

Alternator: Dual (OEM) Motorcraft Dual Per 47A

Y__N__

ALTERNATOR - CHARGING SYSTEM: Two alternators shall be supplied and installed by the O.E.M. The alternators shall be as supplied by Ford under the 47A Ford Ambulance Prep option. Both alternators shall be controlled by the vehicle's on board computer. The ambulance manufacturer shall not modify the O.E.M. Computer's functional control of the alternators. The alternators' output cable, originally connected directly to the positive post of the under hood battery, shall be rerouted to a 3/8" diameter, solid brass junction post. A 2/O positive battery cable shall reconnect the alternators to the batteries from the junction post. The ambulance load cable shall connect under the hood to the aforementioned junction post.

The ambulance manufacturer shall employ a Halleffect coil to determine the amperage level and current direction in the cable between the batteries and the alternators and then report the reading to the ammeter in cab.

Throttle: Ford High Idle

Y__N__

THROTTLE HIGH IDLE: A programmable O.E.M. throttle control shall be provided. The throttle shall be programmed for charge protect. The throttle control module shall be located in the ambulance manufacturers center cab console. The throttle shall be easily accessible through removable face panels. Program buttons shall not be readily accessible to end users.

47A - Ambulance Prep Package - F-Series

Y__N__

AMBULANCE PREPARATON PACKAGE: The chassis provided shall be equipped with an ambulance preparation package designed and installed by the O.E.M. The package shall be designed to hold up to the demands and duty cycles inherent with Emergency Medical Vehicles.

Radio, F-series: OEM AM/FM/CD, w/ 4 cab speakers

Y__N__

CAB STEREO: An O.E.M. Ford AM/FM/CD in dash radio and four cab mounted speakers shall be included with the chassis.

Jack and Tire Tools: Ship Loose

Y__N__

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

Side Mirrors, OEM: (F-Series) Pwr glass, Manual Telescopic

Y__N__

MIRRORS: Dual O.E.M., Power adjusted mirror glass, manually telescoping Black mirrors, shall be mounted to the forward, lower corner of the cab door window. Both mirrors shall feature a bi-directional break-away function to permit folding the mirror heads against body in close quarters. The mirrors shall be seven inches wide by eight inches high and flat on both right and left sides.

Modular Remount Specifications

Bidder should provide a certificate from the original modular manufacturer, American Emergency Vehicles certifying that any alterations made to the modular during the refurbishing and remounting process will not violate the existing Twenty (20) year body structure warranty issued by American Emergency Vehicles in 2002.

Install Cab to Modular Wiring Harness

AEV Cab Service Disconnect Package (CSD):

Y__N__

CAB DISCONNECT PACKAGE: Due to the complexity of the new Diesel engine packaged in a limited access F-Series cab and chassis, Ford service manuals for routine engine maintenance including but not limited to injector service suggests that the vehicle preparation includes separation of the cab and chassis by disconnection of the cab and lifting it four feet above the chassis. This would include having to disconnect every electrical component both OEM and aftermarket by the second stage manufacturer. This optional component is a quick disconnect of every second stage manufacturer added item for easy access to for cab removal. It is suggested that this item be included by the successful bidder for this agency.

Replace Heat and Air unit: AC Evaporator: Master Air (AC/Heat

Y__N__

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 580 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 34,500 British Thermal Units (BTU) in A/C Mode and 48,000 BTU in Heater Mode. The Vehicle A/C Heater system must meet or exceed current Federal specification KKK-A-1822.

Thermostat, Rear A/C, Digital

Y__N__

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.

WARNING LIGHT SPECIFICATIONS: Replace all existing modular lights

Dome Lts, LED: Kinnequip, (4) Streetside, (4) Curbside

Y__N__

INTERIOR LIGHTING

PATIENT CABIN DOME LIGHTS: The patient cabin shall have eight dual intensity, Kinnequip LED dome lights in the ceiling. The dome lights shall meet current Federal Specifications KKK-A-1822.

Light, Step Well: 3" Weldon, White,
STEP WELL ILLUMINATION: A 3" clear interior light shall illuminate the curbside step well per the current revision of Federal specification KKK-A-1822.

Y__N__

Light Bar Whelen LED

Configuration: LED/LED/LED/LED/LED/LED/LED
LIGHT BAR CONFIGURATION: The aforementioned light bar shall comply to the following device configuration. The devices listed are represented IN ORDER of installation. The configuration is:

Y__N__

LED / LED / LED / LED / LED / LED / LED

"LED" represents a Light Emitting Diode.

Light Colors: Red/Clr/Red/Clr/Red/Clr/Red
LIGHT BAR LIGHT COLORS: The aforementioned light bar shall comply to the following light color configuration. The color selections listed are represented IN ORDER of installation. The light output colors are as follows:

Y__N__

Red / Clear / Red / Clear / Red / Clear / Red

Lens Colors: Clr/Clr/Clr/Clr/Clr/Clr/Clr
LIGHT BAR LENS COLORS: The aforementioned light bar shall comply to the following lens color configuration. The color selections listed are represented IN ORDER of installation. The lens colors are as follows:

Y__N__

Clear / Clear / Clear / Clear / Clear / Clear / Clear

The end cap colors are the same color as the end lenses.

Light Bar LOCATION: Box FRONT / Surface mount
LIGHT BAR LOCATION: The aforementioned light bar shall be through bolted to the face of the module front. T-slot bolts shall be supplied by the light bar manufacturer and shall slide along a T-shaped feature that is extruded into the main light bar body. All attachment nuts shall be nyloc type to preclude loosening due to vibration. All fastener sites shall be sealed with silicone to prevent water intrusion.

Y__N__

FR Light Bar: Whelen, Advantedge+Plus 4500KKFH, 86" L
FRONT LIGHT BAR: The front light bar shall be a Whelen Edge+Plus 4500 series surface mounted light bar, located directly under the module drip rail. The universally

Y__N__

designed bar shall feature an aluminum extrusion body designed to mount the bar, accommodate lenses and accommodate interchangeable light heads. All devices specified herein shall operate from 12.8 volts direct current, supplied by the vehicle's charging/battery system. The light bar shall measure 4-1/8" high by 86" Long and protrude out from the body 5-1/8". The bar shall accommodate up to nine devices. The exact configuration and lens colors are specified below. Current draw shall not exceed 3.50 amperes for each rotator, 3.90 amperes for each halogen flashing light or 1.75 input amperes for each strobe.

Red LED

Y__N__

The LED (Light Emitting Diode) shall be red in color.

Flange Package: All Warning Lights

Y__N__

LIGHT HEAD FLANGE: Whelen bright, chrome (Flange), on all Whelen 9 x 7 light head(s).

Location: REAR, (1) in EACH Upper outer corner.

Y__N__

LOCATION: On the rear of the module, one in each upper outer corner inside of the structural corner post.

(2) Grille Lights: Whelen 5TIR6, LED, Cast Housing

Y__N__

(2) Grille Lights: A pair of 5TIR-6 LED lights shall be mounted in a Cast Aluminum flanged housings on the grille supports and mounted in such a way as not to block air flow.

(2) Front Intersection Red Lts: Whelen 400, LED (Super LED)

Y__N__

(2) Intersection Lights - Front Fenders: 400 Series 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 4EFLANGE shall embellish both light heads.

(4) Side RED Warning Lts: Whelen 900, (Super LED)

Y__N__

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

(2) Rear RED Warning Lts: Whelen 900, (Super LED)

Y__N__

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

(1) Rear Center AMBER Warning Lt: Whelen 600, (Super LED)

Y__N__

(1) Rear Center Upper Body Light: 600 Series L.E.D. This light head shall be Super LED with AMBER light emitting diodes.

Lens Color for Above Super LED Lights to be: Clear

Y__N__

LED WARNING LIGHT SYSTEM - F-series LTD
PUBLIC ADDRESS (Visual) WARNING LIGHTS

Y__N__

ELECTRICAL -
ELECTRICAL SYSTEM 12 Volt – General

Y__N__

Replace circuit board and switches and controls with current standard (to include all Breakers and relays)

Y__N__

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

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

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

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

Battery Switch: Cole Hersee 2484-16 Paddle, T1 ctr console

Y__N__

BATTERY SWITCH: A conversion disconnect switch shall be supplied to remove positive polarity from the ambulance conversion circuits. Constant battery power shall be supplied for device memories. None of the chassis functions shall be effected by this switch per Fords Qualified Vehicle Modifiers program, bulletin No 63. 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.

Radio Power No 1: 30A, Pos and Neg, 10 awg Wires

Y__N__

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.

Radio Power No 2: 30A, Pos and Neg, 10 awg Wires

Y__N__

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.

PREWIRE LOCATION: (1)Cab Console, (1) Behind A/A

Y__N__

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

Radio Power Source: Battery Switch Hot

Y__N__

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

Converter : Vanner 1050CUL inverter / battery charger

Y__N__

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.

Tire Valve Extensions, S/S Braided, PR, Dual Rear Wheel

Y__N__

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

REPLACE DOOR LATCHES and piston door control on all doors: The latches shall meet FMVSS 206. All latches shall be two-stage, rotary- type. The latches shall be through bolted to the door frame extrusion.

All entry doors shall have two rotary latches per door. To assure uniform latch timing and functional door reliability, only straight, one-quarter (1/4) inch diameter rods shall connect the latches to the handle.

Y__N__

BODY PROTECTION AND BRIGHT WORK

Replace rear bumper:

Y__N__

REAR BUMPER

FRAMING: The rear step bumper shall exceed the current revision of KKK-A-1822. The bumper shall be framed in with ¼ x 2 x 4 aluminum 6063-T6 rectangular tubing.

The bumper shall be bolted directly to the chassis frame. In addition the top of the bumper shall be mounted below the body skirt-line, so that minor collisions do not damage the body. The bumper will collapse under the body. For the stated reasons, there shall be no exceptions to this feature.

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

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

Replace rear fender flares:

Fenders, Rear: Polished Aluminum (T-1)

Y__N__

FENDERS: The rear fender shall be bright aluminum. The fender shall be isolated and mounted to the wheel opening with thin membrane, double side tape. In addition to the tape, 100% nylon bolt and nuts shall hold the fender to the body.

Replace Front Stone Guards: 17.3" High, Alum Diamond Plate

Y__N__

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

Replace Corner Caps: 17.3" High, Alum Diamond Plate

Y__N__

BODY CORNER POST PROTECTION: The lower seventeen inches (17") of the corner post extrusions shall be protected against stones and road debris. The corner post guards shall be formed of .080 thick polished aluminum diamond plate, contour fit to the corner post extrusions and riveted into place. A bead of silver colored, silicone sealant shall be applied across the top edge of the guards. The bottom of edge of the guard shall be left unsealed to promote moisture drainage.

Replace Skirt Rails: Polished Aluminum Diamond Plate

Y__N__

SKIRT RAILS: The entire skirt-line of the body, forward and aft on the rear wheels shall have formed .375' diamond plate skirt rails to protect the body. Each skirt rail shall meet current Federal Specification KKK-A-1822. Each rail shall be chamfered 45 degrees at both ends. The rails shall be fastened through the bottom of the rail into the bottom of the modular body. The rails shall not cut into the paint. They shall be mounted through nylon isolators in such a manner that they are spaced off the body.

Rear Kick Plate: Polished Aluminum Diamond Plate

Y__N__

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

Step, Center: 2' x 7" Grip strut, flip-up

Y___N___

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

Recessed Tag Area: Polished Aluminum Diamond Plate

Y___N___

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

(2) Rear Door Hold Opens: Grabber Style, each door

Y___N___

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

Reset Door Swing Angle: Set just over 90 degrees

Y___N___

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

Replace or install Mud Flaps Front: Modular, Rubber

Y___N___

FRONT MUD FLAPS: Mud flaps shall be mounted to the front fenders just behind the front tires. The mud flaps shall be 1/4" thick natural rubber material. Each mud flap shall be sandwiched between the wheel well liner and a torque distribution plate. The torque distribution plate shall be at least .100 thick aluminum plate. Each mud flap shall be through bolted to the fender with at least three (3) fasteners.

Replace Mud Flaps Rear: Modular, Rubber

Y___N___

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

Replace Dock Bumpers: Rubber 2 1/4" H x 8" W x 2" Thick

Y___N___

DOCKING BUMPERS: The rear bumper shall be equipped with natural, black rubber dock bumpers. The bumpers shall measure 2 ¼ inches high by 8 inches long by 2 inches thick. The bumpers shall be through bolted to each pontoon with two (2) 3/8

diameter, grade 8 bolts. The bolts shall be counter bored into each dock bumper. Each mounting hole shall be reinforced with a counter bore diameter, thick flat washer. Each bolt shall be threaded into a spirallock flanged nut or approved equal.

Replace Running Boards, Diamond Plate, w/ Grip strut inserts (Type1) Y___N___
RUNNING BOARDS: Running boards (An auxiliary step) shall be constructed of .100 diamond plate with an aggressive traction "Grip strut" insert. The aggressive traction shall be part of the running board and not a welded in section. One running board shall be provided on each side of the cab. Built in diamond plate mud flaps shall keep front tire splash and road grime off the step.

Exterior Compartments

Insides of all exterior compartments will be cleaned, painted surfaces painted if needed and all Aluminum Diamond Plate will be re-polished. Y___N___

Standard Conduit: 1-1/2", with pull wire Y___N___
CONDUIT No 1: An empty one and one half inch diameter conduit expressly designed to add wires after vehicle delivery by the end user or his/her authorized agent shall be supplied and installed. The conduit shall be have semirigid, non conductive liner that is free of inside ridges that can bind on the wire harness being pulled through the conduit. The outer jacket shall be a non-conductive, spiraled rigid coil designed to maintain the original shape of the liner, throughout the length of the conduit run.

Cab console light and switch configuration

Type I - CAB Console: Pass Thru - 12 1/2" OAW Y___N___
CAB CONSOLE: A ergonomically designed console with a A-A plywood substraste 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 squareness to the console. The substrate shall be laminated per the following finish specification.

Cab Console SWITCH PANEL: Type I Y___N___
SWITCH PANEL, CAB CONSOLE: A switch panel made from 3/16 thick, translucent, acrylic sheet. The acrylic material shall evenly disperse label, indicator illumination. The Sheet shall be coated with a black colored, rigid plastic film. A CNC router shall engrave, permanent switch legends, switch holes, meter holes, and indicator legends. The switches shall be organized in two rows. The top row shall start with an Emergency Master, followed by all of the emergency related switches. The bottom row shall start with a Master Switch, followed by all of the nonemergency related switches.

Siren / Horn Switch: In Cab Console Y___N___

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

Outer Flashing Lights: Switched PRIMARY / SECONDARY

Y__N__

SWITCH FOR OUTER FLASHING LIGHTS: The outer flashing lights shall be switched to the Primary AND to the secondary output legs of the PRIMARY / SECONDARY Switch. The flash sequence of these lights shall comply to the Federal Specification KKK-A-1822*. The revision level is specified under the flasher specification within this document.

Center Flashing Light: Switched PRIMARY ONLY

Y__N__

SWITCH FOR CENTER FLASHING LIGHT: The center flashing light shall be switched to the PRIMARY output leg of the PRIMARY / SECONDARY switch. The flash sequence of these lights shall comply to the Federal Specification KKK-A-1822*. The revision level is specified under the flasher specification within this document. This light shall NOT flash in "SECONDARY" mode.

Non KKK Flashing Lights: Switched PRIM/SECONDARY

Y__N__

SWITCH FOR CENTER FLASHING LIGHT: The center flashing light shall be switched to the PRIMARY output leg of the PRIMARY / SECONDARY switch. The flash sequence of these lights shall comply to the Federal Specification KKK-A-1822*. The revision level is specified under the flasher specification within this document. This light shall NOT flash in "SECONDARY" mode.

Switches Light bar:

Y__N__

FRONT LIGHT BAR SWITCH: The aforementioned light bar shall be controlled by the following light bar switches. All switches shall be located in the cab console per the vehicle switch configuration specified in the cab console section of this specification.

Warning Light SWITCH: ctr console, Primary / Secondary

Y__N__

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.

Ind Light Flasher: Thru 14S Flasher Unit

Y__N__

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

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

Flashing light: Activate w/ ANY compt door switch.
INDICATOR LIGHT FUNCTION: The door ajar indicator light shall flash when two conditions are met:
1) The main conversion power switch is turned to the ON position.
2) Any compartment or entry door is opened.
The door ajar light shall come ON with a door that is not COMPLETELY latched. Y__N__

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

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

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

125V SHORE LINE AND OUTLETS
Block Heater: Wire to shore line w/ Female plug
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. Y__N__
Y__N__

Replace Shore Line Inlet: 30A, Twistloc, ILOS
SHORE LINE INLET: The primary 125 Volt shore line inlet, rated at 30 Amperes shall be supplied. The plug style shall be a twist-lock style (NEMA L5-30) with a ground. This will The inlet shall be protected with a weather proof, gray colored cover. Y__N__

Provide and install Siren: Whelen, WS295HFS2, Standard F-Series
ELECTRONIC SIREN: The siren hardware shall consist of an amplifier and a remote mounted control head, Whelen WS295HFS2. The two channel siren amplifier shall operate two 100 watt RMS speaker drivers and the following functions: RAD, PA, MAN, HF, WAIL, YELP, PIER. Y__N__

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.

Speaker, Bumper, (SA315FKD&P) FSeries

Y__N__

SIREN SPEAKERS: The speakers shall each have a 100 watt driver and shall emit through an horn body located directly behind the O.E.M. fog light location in the bumper area, one on left side and one on right side. The siren and speakers shall meet or exceed current KKK-A-1822 Specifications.

Install Heater, 125V, Ceramic

Y__N__

HEATER 125 VOLT: A 115 volt ceramic 5200 BTU., 1500 Watt heater shall be provided. The heater shall be mounted in the attendant seat base, facing the curb side wall. Heater installations facing rearward is unacceptable due to fire hazards related with cot linens. **Wiring to bypass inverter circuit directly to shoreline circuit.**

Install Restraint Net, Removable, at head of S/B

Y__N__

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

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

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

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

Install P6 - 6-Point Restraint System - with CPR Seat

Y__N__

RESTRAINT SYSTEM(S): The rear seating locations shall consist of either or 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:

(2) on Squad Bench, (1) CPR Side Seat

Y__N__

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

Squad Bench: (0) seating positions for 2-point, LAP, ALR

Y__N__

There are no to be and 2-point restraints on the Squad Bench

Interior finish:

Replace trim and upholstery on and around CPR seat. Color and style must match existing upholstery.

All other upholstery should be cleaned and conditioned.

Replace ALS cabinet face and doors with dual 3/4 wood with laminate and lexan inserts to match rest of interior finishe.

Y__N__

Redo SHARPS AND TRASH: from current configuration to the newest style and size. There shall be a bio waste receptacle at the rear of the action area. It shall consist of an ABS tray within the mica countertop. The ABS tray shall allow for biological waste with separate needle disposal. The sharps and waste shall be molded into an ABS plastic tray. Access the bio-waste container and needle collection jar shall be done from the top of the action area in the patient compartment. The sharps container shall be a 3-Quart Bemis container with a spring located clip to hold it in place in the event of an accident

REPLACE FLOOR COVERING:

Flooring: Optima - Dark Gray

Y__N__

The floor covering shall be one piece through out the patient cabin regardless of the body length. The flooring material shall be commercial grade sheet floor. The floor covering shall be Tarkett Optima.

Flooring Main Edge: 3" Recessed (1/2" deep) roll-up

Y__N__

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

REPLACE REAR THRESHOLD:

Stainless Rear Threshold, 6" Wide x Full Width at rear doors

Y__N__

The rear threshold shall be made of 16 gauge brushed stainless steel sheet. The threshold shall conceal the end of the vapor sheet, sub floor, and flooring. The threshold shall mate to the top of the rear access door jamb and cover at least six inches of flooring. Installed over the stainless steel threshold shall be Two 2.5" wide

"nonskid" tape, strips applied. The color of the tape shall be safety yellow with black diagonal stripes.

Replace Cot Mount: Stryker, No 6377, Dual Position, Floor Mount

Y__N__

PRIMARY COT MOUNT: The main cot mount shall be a dual position, Stryker model No 6377. The mounts shall be set in the center of aisle and seven inches (7) left of center position.

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 cap screws shall not protrude above the upper surface of the mounting block.

Cot Stop, Block: Stryker

Y__N__

COT HOOK: A Stryker manufactured ramped hook derived of solid aluminum shall be through bolted to the threshold at the rear access doors

Stretcher to be included with unit:

Y__N__

New Stryker MX Pro with 2 stage IV pole/right, permanent oxygen cylinder holder at foot, and storage pouch at head.

Primary (Over All) Color: Ford White (YZ)

Y__N__

PAINT SCHEME AND LETTERING

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

Paint: Custom to match current fleet

Y__N__

Pin Stripe: Custom to match current fleet

Y__N__

Graphics: None

Reflector Pkg: Body - 2ea, Side Fr Amber, Side Re Red, Rear

Y__N__

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

REPLACE O2 REGULATOR:

Regulator, Oxygen, Adjustable output up to 100 psi, CGA 540 Y__N__
An adjustable output up to 100 psi medical regulator shall be supplied with the apparatus. The regulator shall have a CGA 540 thread for the bottle and a 9/16- 18 tpi threaded male connector for the input hose to the system

REPLACE ALL O2 WALL PORTS: Y__N__

Replace all O2 wall ports with new (same type) ports (3).

REPLACE ELECTRICAL RECEPTACLES: Y__N__

Replace all patient compartment receptacles with hospital grade, color to match existing.

REMOUNTED MODULAR WARRANTY:

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

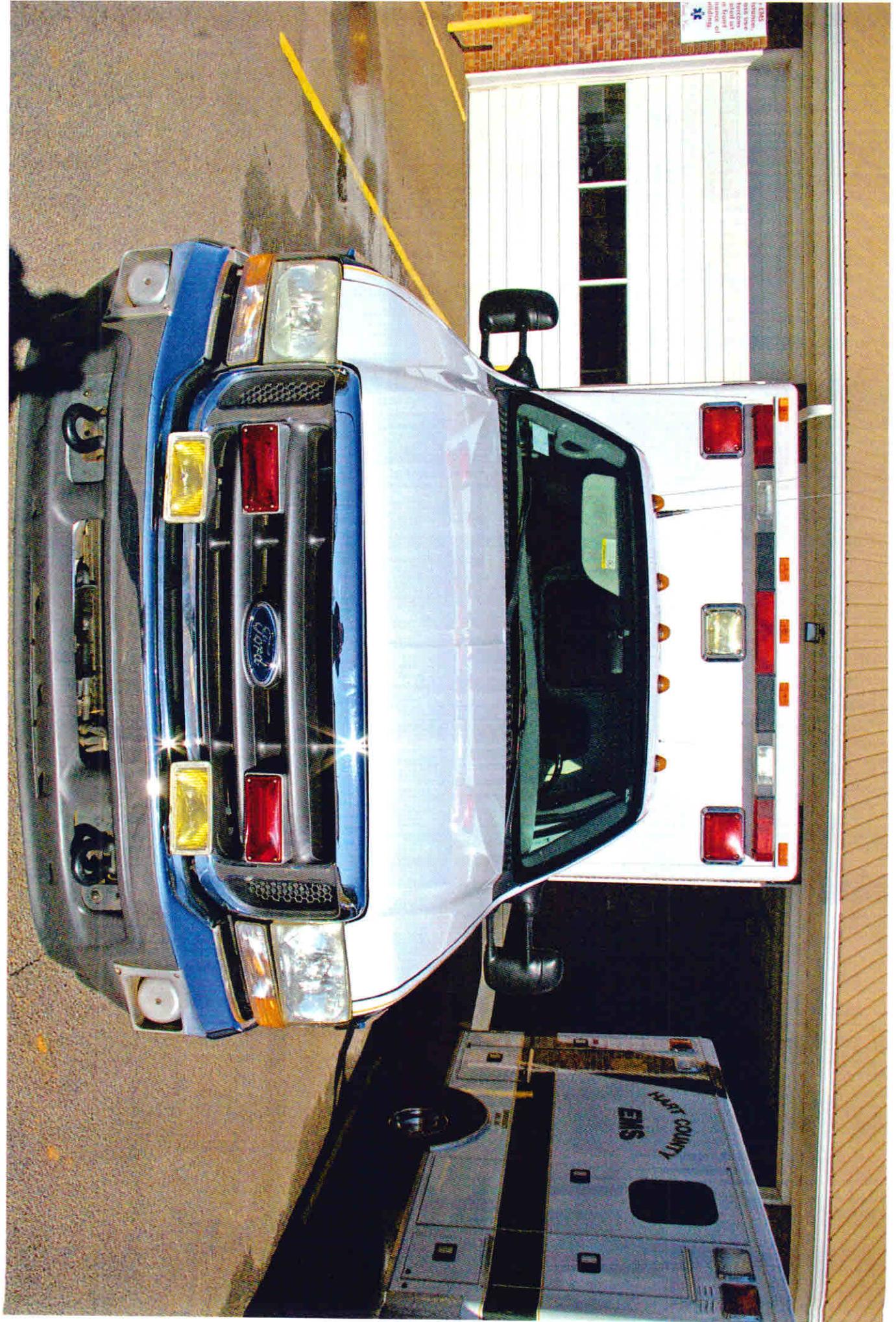
7 Year, 70,000 mile Standard Paint Warranty. Y__N__

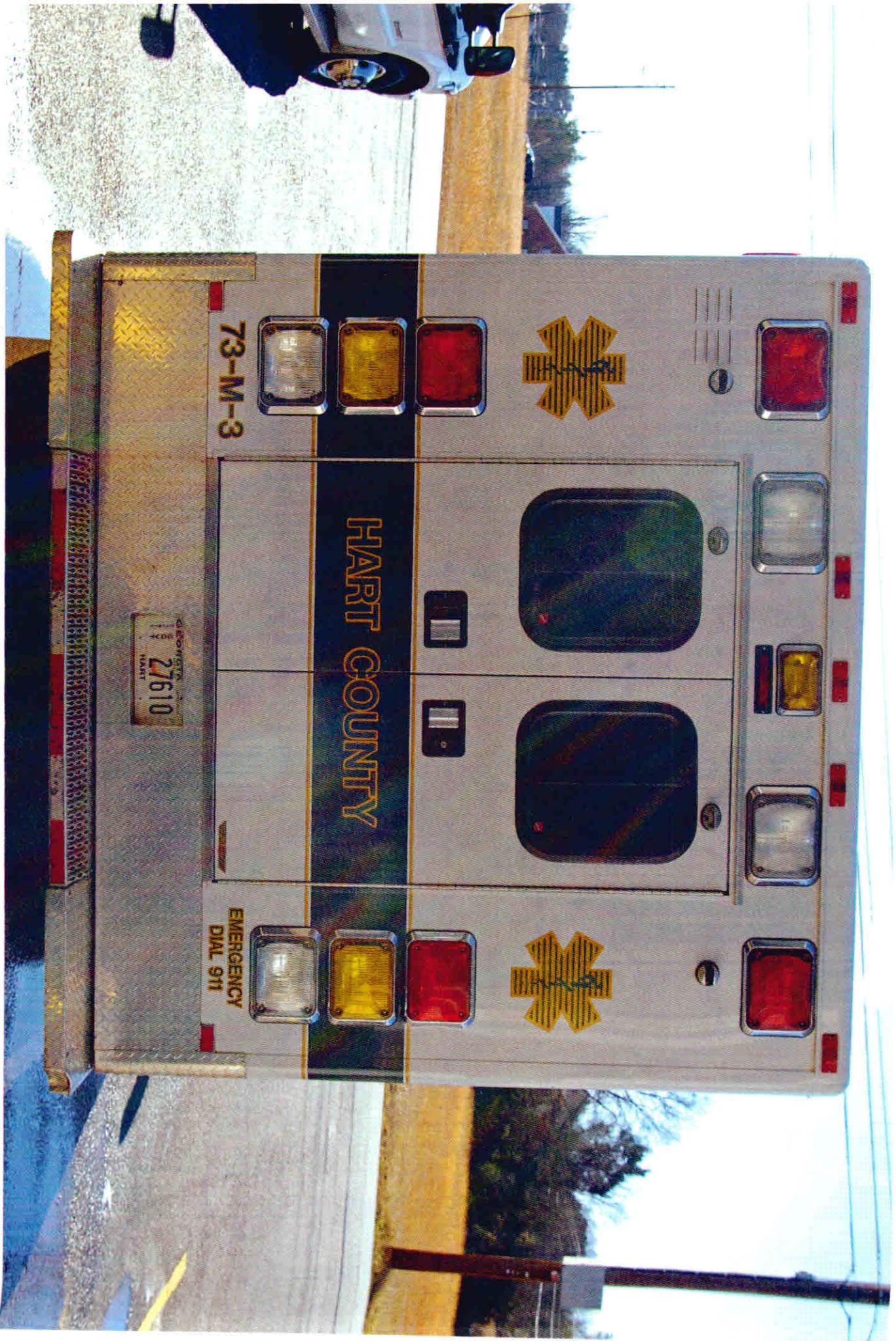
36 Month Paint Coatings Corrosion Warranty. Y__N__

Standard Ford Warranty on chassis. Y__N__









73-M-3

HART COUNTY

27610
HART

EMERGENCY
DIAL 911







