

Warren County EMS

McMinnville, TN

REMOUNT AMBULANCE SPECIFICATION

**EMERGENCY MEDICAL VEHICLE
TYPE I CLASS 2 (4X2) DRW**

TYPE I REMOUNT

**DESIGNED TO MEET OR EXCEED
FEDERAL SPECIFICATION KKK-A-1822,
AMD Standards 001 - 015**

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

Because of the wide variances in types, configurations, options and models available in the industry, the purpose of these specifications is to set a standard by which all proposals received may be evaluated, studied and compared equitably. Vendors are required to return one (1) copy of these specifications, correctly and completely furnishing all information requested and answering all questions attached. Any requested data literature, drawings, etc. and detailed written lists of exceptions taken must also be enclosed.

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

Any questions for clarifications, etc. should be directed in writing to this agency, and responses will be furnished in writing to all prospective vendors.

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

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

BUY AMERICAN

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

LEGAL RIGHT TO SPECIFY

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

- 1) That as trained professionals, the Purchaser makes informed judgments on products that they feel best serve their needs. Technically, very few brands of material or equipment are exactly alike, and if the specifier wants to limit the specification to one source he has the right to do so and enforce it.
- 2) Only the specifier has the responsibility and judgment for determining whether a

- proposed substitution is an “or equal”.
- 3) That from start to finish in the purchasing process only the specifier can ultimately decide if another desirable product is available in lieu of the specification.
 - 4) Finally, that the courts concluded “the burden is on the supplier or manufacturer, who has NOT been specified, to convince the specifier that their product is equal for the purpose of a particular project”.

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

REMOUNT SPECIFICATIONS

EMERGENCY MEDICAL CARE VEHICLE

1.0 Scope, Purpose and Classification

1.1 Scope: This specification covers the remounting and refurbishment of a commercially produced, surface medical care vehicle, hereinafter referred to as ambulance or vehicle. A vehicle in compliance with this specification shall be defined as a standard ambulance. This vehicle shall be in accordance with the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation, Washington D.C. This bid specification is based on the Federal Ambulance Specification KKK-A-1822.

1.2 Purpose: The purpose of this document is to provide minimum specifications and test parameters for the remounting and refurbishment of an emergency medical care vehicle that meets the needs and desires of this agency. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. The object is to provide a vehicle that is in accordance with nationally recognized guidelines. It is the intent to return the unit to a new or like new condition per the specification.

1.3 Classifications: This specification calls for the following type of vehicle. It is in accordance with KKK-A-1822.
Type I – Cab Chassis with modular ambulance body.
Class 2 – Four wheel driven (4x4)
Configuration A (ALS) - Elevating cot and squad bench (3.1.5.1)

1.4 General: This is an engineer, design, construct and deliver type specification and it is not the intention of this agency to write out vendors of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around specific needs of this agency. With the intent to standardize certain components, therefore, in numerous places we have named specific brands of components. This has been done to establish a certain standard of quality. Other brands will only be accepted providing the vendor provides documentation in the bid that the particular brand offered meets or exceeds the quality of the actual brand called for in the specification.

1.5 Materials: The emergency medical care vehicle, chassis, ambulance body, equipment, devices, medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, which meet or exceed the requirements of this specification. The ambulance shall comply with all Federal Motor Vehicle Safety Standards (FMVSS), the Federal regulations applicable or specified for the year of manufacture. The chassis, components and optional items shall be as represented in the manufacturer's current technical data. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and suitable for service intended.

1.6 Manufacturing Ability: It is the intent of these specifications that the Remounter of these vehicles has the ability to remount and refurbish a complete ambulance within their plant facility, except for the chassis. The Ambulance Remounter must have significant experience in the remounting and refurbishment of modular ambulance bodies and performed a minimum of 100 remounts in the last five years. In addition, the Bidder/ manufacturer must include with this bid, proof of \$3,000,000.00 product liability coverage. NO EXCEPTIONS.

1.7 Exceptions to Specifications: Any exceptions to these specifications indicated must be clearly pointed out. Otherwise, it will be considered that items offered are in strict compliance with these specifications and the successful bidder will be held responsible for delivering a vehicle meeting these specifications. Any exceptions must reference by Paragraph Number and Line and be explained in detail on a separate sheet marked "Exceptions". Any bidder not complying shall not be considered as responsive.

1.8 Prices and Payments: All bid prices shall be complete and include warranty and delivery of the completed vehicle to this agency.

Payment shall be made in accordance with these specifications and the Bid Proposal submitted by the Bidder. Payment will be made upon acceptance of the vehicle(s) and equipment specified under these specifications.

All bid prices and conditions must be specified on the Bid Proposal Form. Bid prices shall be valid for at least 30 days from the date of the Bid Opening, or as otherwise specified on the Bid Proposal form.

Full payment will be made as each unit is received, inspected and found to comply with procurement specifications, free of damage and properly invoiced.

Successful vendor shall, at delivery, supply this agency with MSO's.

Does your bid comply EXACTLY as written? Yes____ No____

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

(A) A Limited Warranty shall be provided on the ambulance remount conversion. The remounter shall warrant to the original retail purchaser that, for a period of thirty six (36) months or thirty-six thousand (36,000) miles from the point of delivery, whichever first occurs, the ambulance remount shall be free of substantial defects in remount materials and remount workmanship, which are attributable to Warrantor remount work and which arise during the course of normal use and service. There shall be a copy of the Warranty statement included with the bid documents. NO EXCEPTIONS.

Does your bid comply EXACTLY as written? Yes____ No____

(B) There shall be a three-(3) year/36,000 mile warranty on the Ambulance Remount electrical wiring system effective starting the date this agency accepts delivery of the completed vehicle. It is the intent of this requirement that items not manufactured or installed by the ambulance remounter be excluded. There shall be a copy of the Warranty statement included as part of the bid documents. NO EXCEPTIONS.

Does your bid comply EXACTLY as written? Yes____ No____

(C) There shall be a three-(3) year/36,000 mile paint warranty covering the ambulance conversion and any painting done to the chassis. There shall be a copy of the Warranty statement included with the bid. NO EXCEPTIONS.

Does your bid comply EXACTLY as written? Yes____ No____

(D) Warranty on the chassis portion of the completed ambulance or rescue vehicle shall be the responsibility of the OEM chassis manufacturer. The terms of such warranty are set forth in the chassis warranty literature included in the owner's manual. The successful manufacturer's sole responsibility with regard to the chassis shall be to provide reasonable assistance to the purchaser in obtaining warranty from the chassis manufacturer or its authorized service center. Bidders failing to meet these requirements shall be considered non-responsive.

1.10 Anti-Collusion Statement: By executing and submitting this bid, the Bidder certifies that his Bid is made without reference to any other bid and without any agreement, understanding, collusion or combination with any other person in reference to such bidding.

1.11 Ambulance Bids and Alternate Bids: Considerable time and effort has been invested to design these specifications to the specific needs of this agency. Therefore, alternate bids not exactly to spec will not be considered.

1.12 Warranty Surety:

To ensure quality, service, and full compliance to the above warranties the vehicle, with the exception of the chassis, must be constructed by the ambulance manufacturer. Additional elements constructed and installed "in house" are required to ensure service and parts availability. Subcontractors or lease/rental agreements to outside agencies will fail to meet this requirement. NO EXCEPTIONS WILL BE ALLOWED.

- Does the ambulance manufacturer as the prime contractor construct the modular body?

Does your bid comply EXACTLY as written? Yes____ No____

- Does the ambulance manufacturer as the prime contractor apply paint?

Does your bid comply EXACTLY as written? Yes____ No____

- Are interior cabinets constructed and installed by the ambulance manufacturer as the prime contractor?

Does your bid comply EXACTLY as written? Yes____ No____

- Are the wiring harnesses, circuit boards, and O₂ systems assembled, installed and tested by the ambulance manufacturer as the prime contractor?

Does your bid comply EXACTLY as written? Yes____ No____

- Is the upholstery for seat cushions, head pads, and backrests assembled and installed by the ambulance manufacturer as the prime contractor?

Does your bid comply EXACTLY as written? Yes____ No____

1.13 Delivery:

Since delivery proposals by the bidder will weigh heavily in the determination of the bid award, the delivery schedules that are submitted by the bidders shall automatically become binding upon the successful bidder. Delivery delays due to component supply problems or chassis delivery problems to the manufacturer shall not penalize either the dealer or the manufacturer. Delivery times must be specified on the bid form sheet. ABSOLUTELY NO EXCEPTIONS WILL BE ALLOWED TO THIS SECTION.

Does your bid comply EXACTLY as written? Yes____ No____

1.14 Anti-Collusion Statement:

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

COMPANY NAME: _____

BIDDER SIGNATURE: _____

DATE: _____

1.15 Service and Warranty Repair:

Successful vendor must have a comprehensive ambulance service and repair facility in the mid-central area of Tennessee to administrate warranty repair as needed. Vendor must have authorized factory trained service specialists and carry necessary inventory levels to affect prompt repair. Vendor shall have the right to contract with a local agency, properly equipped and trained to handle warranty and repair issues. **A signed letter from this facility granting their agreement as a repair facility for the successful vender must accompany the bid. This letter must be signed by an authorized agent of said facility. NO EXCEPTIONS.**

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

FACILITY NAME: _____

ADDRESS: _____

PHONE NUMBER: _____

CONTACT NAME: _____

APPROX. MILES FROM PURCHASER: _____

YRS OF EXPERIENCE IN AMBULANCE REPAIR BUSINESS: _____

SQUARE FT. OF FACILITY: _____

NO. OF SERVICE BAYS: _____

NO. OF EMPLOYEES: _____

NO. OF FULL TIME AMBULANCE TECHNICIANS: _____

ARE TECHNICIANS FACTORY TRAINED? _____

TOTAL YEARS SHOP REPAIR EXPERIENCE: _____

VALUE OF SERVICE AND PARTS INVENTORY: _____

24-HR TURN AROUND TIME ON WARRANTY AND SERVICE? _____

NUMBER OF LIFT AREAS FOR SERVICE: _____

CAN SERVICE FACILITY PERFORM REMOUNTS? _____

CAN SERVICE FACILITY PERFORM ALUMINUM MODULE REPAIR? _____

IS FACILITY AND AUTHORIZED PPG COMMERCIAL FLEET PAINT CENTER AND REPAIR FACILITY? _____

CAN SERVICE FACILITY DO SCOTCHLITE & LETTERING? _____

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

1.16 Documentation of Remount Facilities: This agency is very concerned with making bid award to the most qualified remounter. In order to aid our decision, each bidder shall submit with their bid the following documentation:

1. Photographs of physical plant including:
 - a. All bays & interior of remount facilities
 - b. Paint shop
 - c. Paint booth, spray facilities, and mixing room.
 - d. Lifts and lift area
 - e. Stocks of remount inventory and remount chassis.
2. Documentation of adequate Workman's Compensation insurance, Product Liability Insurance, and Garage Keepers Liability Insurance.
3. A current copy of their state issued Motor Vehicle Dealers License.

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

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

1.17 This agency requires that the ambulance remounter provide "in house" repairs for structural repairs from any outside accidents, as well as warranty items that may arise as the result of the remount work.

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

1.18 References

This agency wishes to do business with an experienced, reliable and honest ambulance Remounter. Ambulance Remounter must show proof of being in business for fifteen (15) consecutive years as said business. As further evidence of bidder's ability to perform, the contractor shall submit a list of twenty (20) customers with similar type ambulance Remounts delivered. The references shall also include name of service, address, contact and phone number. Further, the reference listing shall include the names and contact numbers of all new ambulance remount sales delivered by the bidding party for the last six (6) months. These customers shall be easily identified in the references listing as recent new ambulance deliveries. This agency will sample said references, along with any additional references from various sources, and compile results. The successful vendor will have a minimum 95% approval rating.

This agency is extremely concerned with awarding to the most qualified bidder. There are NO EXCEPTIONS allowed to this requirement. If you cannot, or choose not to comply, please do not continue. You will not qualify to bid.

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

BID AWARD:

BID AWARD CRITERIA: The agency is soliciting quality, state-of-the-art, and reliable emergency medical vehicles. Acquisition price shall not be the only or the prevailing factor in deciding the successful bidder.

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.

Does your bid comply EXACTLY as written? Yes____ No____

1.19 Exceptions to Specifications: Any exceptions to these specifications indicated must be clearly pointed out. Otherwise, it will be considered that items offered are in strict compliance with these specifications and the successful bidder will be held responsible for delivering a vehicle meeting these specifications. Any exceptions must reference by Paragraph Number and Line and be explained in detail on a separate sheet marked "Exceptions". Any bidder not complying shall not be considered as responsive.

Any proposal which indicates "No Exception" to any item on our proposal documents, and also includes a letter from the vendor taking major or total exception to our specifications or indicates they are quoting to provide their standard methods of construction without listing any differences in the manner described, will be immediately rejected as non-compliant and removed from further consideration.

Should a vendor offer a quotation in response to this proposal and not take explicit exceptions and attempt to offer a unit not in compliance with the exact specifications, the Purchaser reserves the sole right to issue a Purchase Order with specified penalties and/or invoke a Performance Bond. Penalties will be assessed by the Purchaser. These will require that the Vendor pay the difference in price as offered in their proposal and what the Purchaser must eventually pay (from another compliant vendor) for vehicle(s) meeting these specifications (if a performance bond is not otherwise provided).

2.0 TECHNICAL REQUIREMENTS - CHASSIS

Minimum technical specifications for remounting an all-aluminum Type III Ambulance Module and subsequent remount to a 2016 or later Dodge 4500 HD DRW Cab Chassis. Vehicle must comply with Federal and State laws and regulations and all safety regulations as applicable on date of delivery concerning automotive equipment and conditions and will be complete with standard equipment and all extra equipment as specified.

2.1 Manufacturer and Model Year: The chassis requirement for this specification is a Dodge 2016 or later.

Does your bid comply EXACTLY as written? Yes____ No____

2.2 Chassis Specifications:

DP4L64	2016 Dodge Ram Reg. Chassis Cab, 108" CA, 2WD
29A	Quick Order Tradesman Package
ETK	6.7L I6 Cummins Turbo Diesel Engine
DF2	6-Speed Automatic Aisin AS69RC HD Transmission
DMK	4.44 Rear Axle Ratio
Z4A	GVWR: 16,500 lbs
TUV	Tires: 225/70R19.5G All Position
TX	HD Vinyl 40/20/40 Split Bench Seat
APA	Monotone Paint Application
BAJ	220 Amp Alternator
AH2	Ambulance Prep Group
LPE	Cargo Lamp
AMP	Chrome Appearance Group
MRT	Chrome Tubular Side Steps
XXS	Electronic Monitoring Module
AHQ	Max Tow Package
AJH	Power & Remote Entry Group
LBN	Power Take Off Prep
RSD	Sirius XM Satellite Radio
XHC	Trailer Brake Control
RA2	Radio: UConnect 5.0 AM/FM/BT
XF6	Voltage Monitoring Auto Idle Up System
X8	Diesel Gray/Black Interior
PW7	Bright White Clearcoat Exterior

Does your bid comply EXACTLY as written? Yes____ No____

2.3 Wheel liners: Install Dodge supplied chrome wheel covers.

Does your bid comply EXACTLY as written? Yes____ No____

2.4 Suspension: LiquidSpring hydraulic suspension shall be installed per Dodge body builder requirements. Suspension shall lower when LH rear door is opened and return to normal ride height at closure of same door.

Does your bid comply EXACTLY as written? Yes____ No____

2.5 Mud Flaps: The completed unit is to have custom mud flaps installed.

Does your bid comply EXACTLY as written? Yes____ No____

3.0 REMOVAL AND TRANSFER OF MODULAR AMBULANCE BODY

3.1 Ambulance Module: A Type III module shall be supplied by Warren County EMS, converted to a Type I configuration and utilized for this remount.

Does your bid comply EXACTLY as written? Yes____ No____

3.2 Trade-In: The existing Chevrolet C4500 Type III chassis will be traded-in and included in final bid price.

Does your bid comply EXACTLY as written? Yes____ No____

- 3.3 Dismount: Disconnect all sub systems between chassis and module. This will include all environmental connections, all electrical connections, and all structural connections. Lift the module to allow full inspection of understructure. This removal will in no way deform, disfigure, or compromise the module.

Does your bid comply EXACTLY as written? Yes____ No____

- 3.4 Module Inspection: Inspect all exposed structure and framing for cracks, warpage, excessive wear and corrosion. Any questionable areas shall be treated with dye penetrant material to expose cracks. Professionally repair as needed.

Does your bid comply EXACTLY as written? Yes____ No____

- 3.5 Type Changeover: Transfer module from Type III to a Type I. The front wall shall be enclosed per OEM procedures. Any necessary module modifications shall be made in an OEM professional manner.

Does your bid comply EXACTLY as written? Yes____ No____

- 3.6 Module Remount: Mount down module squarely on chassis. Remounter to use OEM rubber isolators, mounting bolts and transfer body per OEM chassis body builder guidelines. The use of aftermarket or substandard components is strictly prohibited.

Does your bid comply EXACTLY as written? Yes____ No____

- 3.7 Cab Seal: Install a non-electrolytic accordion rubber boot between module and cab. Seal interface to eliminate air and water leaks. New stainless steel bolts and urethane adhesive will be used to fasten boot plate to cab and or the module body.

Does your bid comply EXACTLY as written? Yes____ No____

4.0 NEW CHASSIS PREPARATION

- 4.1 Springs: The rear spring suspension shall be removed and a LiquidSpring hydraulic suspension system installed.

Does your bid comply EXACTLY as written? Yes____ No____

- 4.2 Exhaust Modification: Extend tailpipe to match module width.

Does your bid comply EXACTLY as written? Yes____ No____

- 4.3 Fuel Tank: Modify fuel tank filler location(s) as necessary to comply with FMVSS and OEM chassis manufacturer's body builder guidelines.

Does your bid comply EXACTLY as written? Yes____ No____

5.0 EXTERIOR BODY TRIM

- 5.1 Fuel Fill: Provide and install new Cast Products fuel fill dish.

Does your bid comply EXACTLY as written? Yes____ No____

- 5.2 Diamond Plate: Install all new aluminum diamond plate trim on module body. This will include rub rails and corner stone guards.

Does your bid comply EXACTLY as written? Yes____ No____

- 5.3 Rear Bumper: A new, all aluminum rear bumper assembly, with center flip-up Grip-Strut® including new aluminum diamond plate rear kickplate will be installed.

Does your bid comply EXACTLY as written? Yes____ No____

5.4 Fenderettes: A new set of highly-polished fenderettes shall be installed.

Does your bid comply EXACTLY as written? Yes____ No____

6.0 MODULE EXTERIOR PAINT FINISH AND LETTERING

6.1 Preparation: Prior to any paint and bodywork beginning, remove all exterior compartment and entry doors, all hardware, hinges, handles, gaskets, windows, trims, and lights. NO EXCEPTIONS TO THIS REQUIREMENT WILL BE ALLOWED.

Does your bid comply EXACTLY as written? Yes____ No____

6.2 Surface Refinished: In order to provide the highest quality paint surface preparation, and to evaluate the module for evidence of electrolysis, complete and total mechanical removal of all paint, oils, and contaminants from module surface will be achieved. Sand blasting is not acceptable and may damage the module.

Does your bid comply EXACTLY as written? Yes____ No____

6.3 Electrolysis Inspection: Module will be inspected 100% for evidence of electrolysis. Such areas will be specially treated to prevent any further damage and remove visible damage. NO EXCEPTION.

Does your bid comply EXACTLY as written? Yes____ No____

6.4 Damage Repair: All minor body damage will be repaired in an industry standard, professional manner to like new condition. NO EXCEPTION.

Does your bid comply EXACTLY as written? Yes____ No____

6.5 Paint Process: The module body shall be repainted in PPG Single Stage Concept Urethane Paint Process. NO EXCEPTION.

Does your bid comply EXACTLY as written? Yes____ No____

6.6 Paint Striping: An orange reflective stripe per TN regulations shall be installed.

Does your bid comply EXACTLY as written? Yes____ No____

6.7 Lettering: Provide and install customer specific lettering. Install kkk, DOT, Ambulance and Star of Life decals per kkk regulations. The unit number for this vehicle will be installed per Warren County Personnel. Specific details of the decal package will be arranged with the successful vendor.

Does your bid comply EXACTLY as written? Yes____ No____

6.8 Chevron: Install blue/white reflective chevron on the interior of the rear and curbside entry doors. This chevron will be consistent in appearance and design to other units in our fleet. Any details or questions regarding this design should be directed to Warren County personnel.

Does your bid comply EXACTLY as written? Yes____ No____

7.0 ELECTRICAL SYSTEM:

7.1 Switch Panels: Provide and install new front rear switch panel. A digital ammeter & voltmeter shall be incorporated into the front switch panel.

Does your bid comply EXACTLY as written? Yes____ No____

7.2 Siren: A new Whelen 295HFSA7 dual tone siren shall be supplied and installed into the new front console.

Does your bid comply EXACTLY as written? Yes____ No____

7.3 Power Distribution Panel: The main power distribution system shall be thoroughly tested, inspected, and repaired as needed. A new front switch panel shall be constructed, installed, and mated to the existing system and rear switch panel. Any compromised components shall be replaced with new OEM components.

Does your bid comply EXACTLY as written? Yes____ No____

7.4 Wiring Installation: All new power wiring provided shall be copper and conform to all the SAE J1292 requirements and shall have GXL or SXL high temperature thermoplastic or better insulation rated to 125 degrees centigrade and conforming to SAE J1127 and J1128

Does your bid comply EXACTLY as written? Yes____ No____

7.5 Wiring Labeling: All wiring shall be permanently color-coded and function labeled for easy identification and troubleshooting.

Does your bid comply EXACTLY as written? Yes____ No____

7.6 Wiring Loom: The engine wiring shall be routed in conduit or high temperature looms with a rating of 300 degrees Fahrenheit. All added wiring shall be in protective loom, located in accessible, enclosed and protected locations, and kept at least six inches away from the exhaust system components. Wiring and components shall not terminate in the oxygen storage compartment except for the compartment light and door switch plunger. All conduits, looms and wiring shall be secured to the body or frame with insulated metal straps in order to prevent sagging and movement which results in chafing, pinching, snagging, or any other damage. All apertures on the vehicle shall be properly grommited for passing wiring and conform to SAE 1292.

Does your bid comply EXACTLY as written? Yes____ No____

7.7 Battery Switch: A new battery disconnect switch shall be installed. This switch shall be activated via the chassis ignition system and shall be capable of handling the module electrical loads. This switch shall only terminate the module wiring and shall in no way disconnect any power associated with the chassis. This switch shall also be capable of disconnecting itself, much like a fuse or breaker would, if it senses an overload or higher than normal amp draw from the module.

Does your bid comply EXACTLY as written? Yes____ No____

7.8 Master Solenoids/Disconnects: This vehicle has several solid state disconnects used for controlling various circuits such as emergency master, module master, etc. These solid state disconnects shall be replaced with new InPower disconnects similar to the battery switch mentioned in section 7.7 above.

Does your bid comply EXACTLY as written? Yes____ No____

7.9 Cab Wiring: Install new power distribution harness and battery cables properly sized for their respective loads.

Does your bid comply EXACTLY as written? Yes____ No____

7.10 Tail Lights: Install new Whelen 600 series stop/tail/turn/backup light lenses. All ICC lights are to be replaced with LED ICC lights.

Does your bid comply EXACTLY as written? Yes____ No____

7.11 Warning Lights: Provide and install all new Whelen 900 series Super-LED warning lights per the existing layout.

Does your bid comply EXACTLY as written? Yes____ No____

7.12 Front Intersection Lights: Provide and install two (2) Whelen 700 series Super-LED red intersection lights with chrome flange (#7EFLANGE) on the front fenders of the chassis.

Does your bid comply EXACTLY as written? Yes____ No____

7.13 Grille Lights: Provide and install two (2) new Whelen 700 series Super-LED red/clear grille lights in grille area.

Does your bid comply EXACTLY as written? Yes____ No____

- 7.14 Speakers: Provide and install a pair of new Cast Products 100-watt through the bumper siren speakers.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.15 Cab Console: Provide and install a low profile dark colored floor mounted console to house switch panel, siren and gauges. The console face also will provide areas for drink holders, clip board and radio head installation. This console is to have a Scorpion sprayed-on surface, durable enough to withstand continual use without showing signs of excessive wear.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.16 Door Switches: Install all new door switches to meet or exceed existing switches as needed. Because of numerous problems associated with the use of self-grounding switches, this type will not be allowed. A sealed switch that prohibits moisture intrusion is required. The use of self-grounding switches is prohibited!
Does your bid comply EXACTLY as written? Yes____ No____
- 7.17 Dome lights: The existing eleven (11) dome lights shall be replaced with Whelen # 80C0EHCR dual intensity LED dome lights. The complete dome light circuit shall be thoroughly inspected and repaired as needed.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.18 Back-up Alarms: Install new Signal Vehicle Products back-up alarm (#62-102) with minimum 97 db.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.19 Inverter: The existing inverter shall be thoroughly tested for proper function. If a problem is found, it shall be brought to this agencies attention so a decision can be made regarding its repair or replacement.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.20 Shoreline: The existing AutoEject shoreline outlet shall be inspected for proper function. Any problems found shall be corrected or damaged components replaced with new in order to have a properly function shoreline circuit.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.21 Antenna Coax: The existing antenna coaxes shall be tested and replaced if a problem is determined.
Does your bid comply EXACTLY as written? Yes____ No____
- 7.22 Scene Lights: Four (4) new Whelen #9SC0ENZR LED side scene and two (2) #70C02FCR rear load lights with chrome flanges shall be installed.
Does your bid comply EXACTLY as written? Yes____ No____

8.0 EXTERIOR COMPARTMENTS

- 8.1 Weather-stripping: Replace all door gaskets with original or equivalent seal.
Does your bid comply EXACTLY as written? Yes____ No____
- 8.2 Compartment Door: Compartment doors are to be closely inspected for condition and repaired as necessary.
- a. Checked and trued for alignment and closure
 - b. All hold opens checked for operation and defective closures replaced
 - c. Lubricate all door latches and locks for proper operation
 - d. **Replace all latches or locks to insure 100% operation**
 - e. Any damaged windows replaced with like OEM windows from OEM manufacturer

Does your bid comply EXACTLY as written? Yes____ No____

8.3 Compartment Interiors: All compartments are diamond plate and these surfaces will be properly cleaned and refreshed.

Does your bid comply EXACTLY as written? Yes____ No____

9.0 PATIENT COMPARTMENT CABINETRY AND FIXTURE:

9.1 Trash Receptacle: A trash can mounting system shall be installed in the curbside entry door stepwell. This trash can shall have a hinged lid and shall be securely attached to the vehicle in case of an accident.

Does your bid comply EXACTLY as written? Yes____ No____

9.2 Flooring: The existing floor is in good condition and shall not be replaced. Care should be taken during the remount process so no damage occurs to this floor covering. If damage does occur during the remount process, a new LonSeal LonPlate floor covering will be installed with no cost to Warren County EMS.

Does your bid comply EXACTLY as written? Yes____ No____

9.3 Thresholds: New non-skid material shall be applied to the existing thresholds for added safety.

Does your bid comply EXACTLY as written? Yes____ No____

9.4 Upholstery: All upholstery in the patient compartment shall be thoroughly inspected and replaced with new thermal formed seamless 36 ounce material as needed. The rear clock, mounted into the rear head-knocker over the rear doors, shall be removed and a new padded head-knocker shall be installed. A new Wise attendant seat, without child safety seat, shall also be installed.

Does your bid comply EXACTLY as written? Yes____ No____

9.5 Cabinetry: Cabinets will be checked for sharp edges, defective areas, and professionally repaired including the following items:

- a. Trim out interior to a like new condition
- b. Manually check cabinet mounting bolts to insure stability and strength
- c. Check all shelves for security and make rattle proof
- d. Check all seatbelts and replace all defective ones
- e. Replace any damaged or missing trim.
- f. Replace any rusty or discolored screws or trim
- g. Provide high quality clean up and sanitation to all cabinetry, compartments, headliner, etc.
- h. Replace all aluminum window tracks, and felt as needed.

Does your bid comply EXACTLY as written? Yes____ No____

9.6 Interior Windows: All the existing Plexiglas windows shall be replaced with new Vivak shatter proof windows as needed.

Does your bid comply EXACTLY as written? Yes____ No____

9.7 Formica/Surfaces: Any damaged areas such as walls, counter tops, etc. which have cracks or holes shall be professionally repaired before new Formica applied.

Does your bid comply EXACTLY as written? Yes____ No____

9.8 PowerLoad Cot Mount: The existing cot mounting hardware, a Stryker PowerLoad system, shall be thoroughly inspected. The mounting aspect of this system shall be especially checked for adequacy. Poor workmanship will not be tolerated on any components of this remount, but an exhibition of poor workmanship on safety issues will be grounds for dismissal from all future contracts with this agency and possible litigation.

Does your bid comply EXACTLY as written? Yes____ No____

9.9 Narcotics Cabinet: A Kaba Maas programmable lock shall be removed from an existing cabinet door. This same

door shall be replaced with a new door that only utilizes a simple key lock.

Does your bid comply EXACTLY as written? Yes____ No____

10.0 HEATING AND AIR CONDITIONING

10.1 Heat/Cool Unit: Install a new Hoseline Super Core Heat/Cool unit. The existing thermostat setup shall be kept in place and utilized with the new HVAC. There will be an auxiliary underbody mounted condenser installed per Hoseline and OEM chassis requirements. This system shall be complete with all-new hoses and fittings.

Does your bid comply EXACTLY as written? Yes____ No____

10.2 Heat/Cool Testing: System shall be extensively tested for peak performance and readings shall be provided to customer.

Does your bid comply EXACTLY as written? Yes____ No____

10.3 Power Vent: Shall be tested and repaired or replaced to meet original equipment performance.

Does your bid comply EXACTLY as written? Yes____ No____

11.0 OXYGEN AND VACUUM SYSTEMS

11.1 Oxygen System: New O2 outlets shall be installed. OEM quality materials shall be utilized. Perform 4-hour leak test at 100 psi. Repair any leaks noted and re-test and tag system with certification.

Does your bid comply EXACTLY as written? Yes____ No____

11.2 Suction System: Test vacuum lines and outlets for proper operation and repair or replace as necessary.

Does your bid comply EXACTLY as written? Yes____ No____

12.0 PATIENT COT

12.1 Patient Cot: A new Stryker Power-Pro XPS patient cot shall be included with this remount. This cot will not need to have the PowerLoad conversion kit installed. Warren County EMS already possesses a PowerLoad conversion kit and will have it installed on the supplied Power-Pro cot.

Does your bid comply EXACTLY as written? Yes____ No____

13.0 OPTIONAL ITEMS

13.1 4 WD Chassis: Please include the additional cost of a 4x4 option on the Dodge 4500 chassis.

Warren County EMS BID FORM

NAME OF BIDDER: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____

PERSON TO CONTACT: _____

We herewith submit and bid as follows:

CHASSIS/MAKE: _____

MODEL/TYPE: _____

AMBULANCE BRAND: _____

F.O.B. POINT: _____

DELIVERY-CALENDAR DAYS: _____

NET PRICE AS SPECIFIED: _____

OPTIONAL ITEMS: 13.1 (4WD) _____

POWER COT PRO XPS: 12:1 _____

BID IS: _____ AS PER SPECIFICATION, TAKING NO EXCEPTIONS

_____ TAKING ONLY THOSE SPECIFICATION EXCEPTIONS
LISTED, ATTACHED AND REFERENCED TO PARAGRAPH NUMBER SPECIFIED

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

SIGNED: _____ DATE: _____

NAME PRINTED: _____ TITLE: _____

EXCEPTIONS / CLARIFICATIONS

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

VENDOR NAME: _____

BIDDING: _____

EXCEPTION PAGE: _____ OF _____

<u>SPECIFICATION PAGE:</u>	<u>REFERENCE #</u>	<u>NOT AVAILABLE:</u>	<u>EXPLANATION:</u>
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