

AGENDA ITEM # 16October 28, 1997\*Open and consider awarding, rejecting or extending bids for ambulances.

At 10:40 a.m. Judge Doerfler announced time to receive bids for EMS ambulances.

At 10:43 a.m. Judge Doerfler announced time closed to receive bids for EMS ambulances.

Bids were opened and read aloud from:

	NEW	REMOUNT
Mile-Hi T Fire Equipment, Inc.	\$84,699.00	No Bid
McCoy Miller Ambulance Sales & Service	\$72,763.00	\$42,859.00
Professional Ambulance Sales & Service	\$73,779.00	\$36,190.00
San Antonio Ambulance Sales, Inc.	\$80,065.00	\$41,442.00
Taylor Made Ambulance	\$66,575.00	\$47,900.00

Moved: Judge Doerfler

Seconded: Commissioner Mehevec

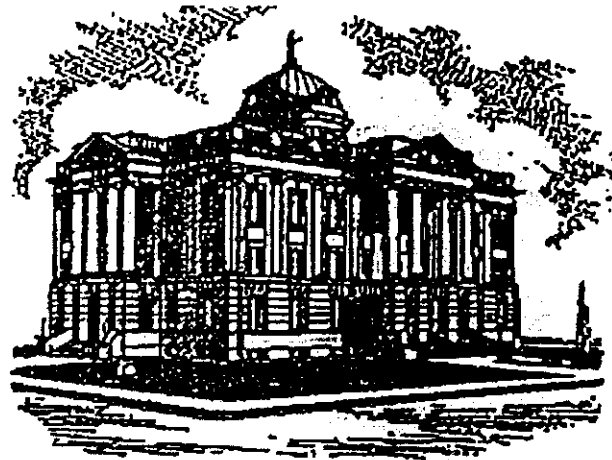
Motion: To note receipt of bids with award to be made November 4, 1997.

Vote: Motion carried 3 - 0 with Commissioners Hays and Heiligenstein absent from the dais.

< Clerk copy here >

WILLIAMSON COUNTY AUDITOR'S OFFICE  
PURCHASING DEPARTMENT  
710 MAIN STREET, SUITE 303  
GEORGETOWN, TEXAS 78626

<http://www.williamson-county.org/Procurement/index.html>



## INVITATION FOR BIDS

This BID Packet Includes:

- |    |   |                |
|----|---|----------------|
| 1. | Official Bid Form for Williamson County | Page 2         |
| 2. | Bidder Instructions / Requirements      | Pages 3 thru 8 |
| 3. | Legal Notice                            | Page 9         |
| 4. | Bid Check List                          | Page 10        |
| 5. | Bid Specification(s) / Bid Sheet(s)     | "Attachment"   |

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## WILLIAMSON COUNTY BID FORM

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Bid Invitation, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: Mile-Hi T Fire Equipment for Boardman Emergency Vehicles

Mailing Address: 1100 N. Industrial

City: Round Rock State: TX Zip: 78681

Telephone: ( 512 ) 244-0099 Fax: ( 512 ) 244-7023

Bill Hurley Date of Bid: 10/28/97  
Signature of Person Authorized to Sign Bid

Name and Title of Signer: Bill Hurley, Dealer  
(Please Print or Type)

## PLEASE COMPLETE THE FOLLOWING:

Prompt Payment Discount: 0 % 0 days. (If no discount is offered, Net 30 will apply.)  
☐ Bidding on "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)  
☐ Bidding on low item basis. (Will accept award on "any or all" low bid items.)  
 List Additional Limitations if applicable: \_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

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**WILLIAMSON COUNTY  
PURCHASING DEPARTMENT**

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**FORMAL INVITATION FOR BIDS**

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**BID NUMBER: 98AMB001      BID OPENING DATE & TIME: OCTOBER 28, 1997 - 10:15 AM**  
**CONTRACT: AMBULANCES**  
**TWO (2) OR MORE NEW**  
**TWO (2) OR MORE REMOUNT**

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BIDS must be received in the Williamson County Auditor's Office prior to **10:15 AM on Tuesday, October 28, 1997**. At which time the BIDS will be opened in the Commissioners' Courtroom on the 2nd floor of the County Courthouse. BIDS received after that time will not be opened and will be considered void and unacceptable. As to each item bid, the Court may either reject all BIDS or award a contract to the lowest and best BID.

SEALED BIDS may be hand-delivered to:  
Williamson County Auditor's Office  
Third (3rd) floor, Suite 303  
Williamson County Courthouse (on the square)  
710 Main St., Georgetown, Texas  
OR

SEALED BIDS may be mailed to:  
Williamson County Auditor's Office  
Ginny Atkinson - Purchasing  
710 Main St. - Suite 303  
Georgetown, Texas 78626

**ALL BIDS MUST BE SUBMITTED ON THE FORMS PROVIDED IN THIS BID DOCUMENT.**

**ALL INFORMATION REQUIRED BY THE BID FORM MUST BE FURNISHED OR THE BID MAY BE DEEMED NON RESPONSIVE. WHERE THERE IS AN ERROR IN THE EXTENSION OF PRICE, THE UNIT PRICE SHALL GOVERN.**

**ALL BIDS MUST BE SUBMITTED IN TRIPLICATE (1 ORIGINAL COMPLETE BID SET & 2 COPIES).**

**ALL BIDS MUST BE RETURNED IN A SEALED ENVELOPE, MARKED WITH THE BID NAME, BID NUMBER, AND BID OPENING DATE & TIME.**

**FACSIMILE TRANSMITTALS SHALL NOT BE ACCEPTED.**

1. It is the intent of the Commissioners' Court to award contracts separately for each item, for each department, and for each distinct geographical area served by a department. However, any bidder who wishes to restrict his BID to particular departments or areas must expressly do so. For purposes of this notice, each Commissioner of Justice Precinct is a separate department.

(1) Unless the BID received expressly states that the bidder will accept only the award of all items bid, each item in the BID will be considered separately and will be rejected or awarded on a low item basis.

(2) Unless the BID expressly states that the bidder will accept only an award for the entire county government, contracts will be awarded separately for the requirements of each county department to the bidder who is lowest and best for that individual department.

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(3) Similarly, unless the notice or BID expressly states otherwise, BIDS will be considered separately for each distinct geographic area served by each department and will be awarded to the lowest and best bidder who can provide service to the department in that particular area. The definition of these geographic areas, unless expressly stated in this notice or the BID, shall be at the discretion of Commissioners' Court at the time a BID is awarded.

2. No more than one BID will be awarded for any item for a single department and area. All BIDS may be rejected for some items, departments or areas, even though awards are made for others. The convenience of having a single source for similar items will be taken into consideration together with price in determining the lowest and best BID.
3. All of the items listed are to be bid Free On Board to final destination (FOB DESTINATION) with all transportation charges if applicable to be included in the price, unless otherwise specified in the Invitation to Bids. The title and risk of loss of the goods shall not pass to the County until receipt and acceptance takes place at the FOB point.
4. All of the items listed are to be bid on a "per unit" basis, stating a firm price per unit or unit quantity of each item bid. **This price must be good from the date of BID opening for a fixed period of time. Unless the BID expressly states otherwise, this period shall be until the end of the current fiscal year on September 30, 1998. Bids which do not state a fixed price, or which are subject to change without notice, will not be considered.** The Court may award a contract for the period implied or expressly stated in the lowest and best Bid, but for no longer than the current fiscal year.
5. At the end of the current fiscal year, the Commissioners Court reserves the right to extend this contract, by mutual agreement of both parties, as it deems to be in the best interest of the county. This extension will be in twelve (12) month increments for up to an additional twenty four (24) months, with the terms and conditions remaining the same; and with a price escalation at renewal time each year of no more than the consumer price index for that year. The total period of this contract, including all extensions will not exceed a maximum combined period of thirty six (36) months. The extension of this contract is contingent on the appropriation of necessary funds by Commissioners Court for the fiscal year in question. Upon the failure of Commissioners Court to so appropriate in any year, the Contractor may elect to terminate this agreement, with no additional liability to the County. The County and the Contractor agree that termination shall be the Contractors sole remedy under this circumstance.
6. The estimated quantity of each item listed in the notice is only an estimate -- the actual quantity to be purchased may be more or less. The County will not be obligated to purchase any minimum amount, and it may purchase any reasonable amount greater than the estimate for the same unit price. Any limit on quantities available must be stated expressly in the BID.
7. It is understood that the Commissioners Court of Williamson County, Texas, reserves the right to accept or reject any and/or all BIDS for any or all materials and/or services covered in this BID request, and to waive informalities or defects in the BID or to accept such BID it shall deem to be in the best interest of Williamson County.
8. Awards should be made approximately four (4) weeks after the Bid opening date. To obtain results, or if you have any questions, please contact Ginny Atkinson at (512) 930-4418.
9. Funding: Funds for payment have been provided through the Williamson County budget approved by Commissioners Court for the October 1, 1997/ September 30, 1998 fiscal year.
10. Late BID: BIDS received after submission deadline shall be unopened and will be considered VOID AND UNACCEPTABLE. Williamson County is not responsible for lateness of mail, carrier, etc.
11. Altering BID: BIDS cannot be altered or amended after submission deadline.

12. Sales Tax: Williamson County is by statute, exempt from the State Sales Tax and Federal Excise Tax.
13. Contract: This BID, when properly accepted by Williamson County, shall constitute a contract equally binding between the successful bidder and Williamson County. No different or additional terms will become part of this contract.
14. Changes: No oral statement of any person shall modify or otherwise change, or affect the terms, conditions, plans and/or specifications stated in the various BID Packages and or BID Instructions/Requirements.
15. Delivery Times and Locations: The commodity and/or service covered by this BID shall be as stated in the various BID Packages.
16. Payments: Payment shall be made by check from the County upon satisfactory delivery and acceptance of items and submission of the Invoice to the ordering department. For purposes of payment discounts, time will begin upon satisfactory delivery of goods and/or submission of acceptable invoice, whichever is last. Partial payments will not be made unless specifically requested and approved by the County prior to contract award. As a minimum, invoices shall include:

- (1) Name, address, and telephone number of Contractor and similar information in the event the payment is to be made to a different address
- (2) County contract, Purchase Order, and/or delivery order number
- (3) Identification of items or service as outlined in the contract
- (4) Quantity or quantities, applicable unit prices, total prices, and total amount
- (5) Any additional payment information which may be called for by the contract

Payment inquiries should be directed to the Auditor's Office, Accounts Payable Department:  
Julie Hillhouse, 930-4323 or Donna McKittrick, 930-4359.

17. Conflict of Interest: No public official shall have interest in a contract, in accordance with Vernon's Texas Codes Annotated, Local Government Code Title 5, Subtitle C, Chapter 171.
18. Ethics: The bidder shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official or agent of Williamson County.
19. Minimum Standards for Responsible Bidders: A prospective bidder must affirmatively demonstrate bidder's responsibility. A prospective bidder must meet the following requirements:
  - a. have adequate financial resources, or the ability to obtain such resources as required;
  - b. be able to comply with the required or proposed delivery schedule;
  - c. have a satisfactory record of performance;
  - d. be otherwise qualified and eligible to receive an award.

Williamson County may request representation and other information sufficient to determine bidder's ability to meet these minimum standards listed above.

20. References: Williamson County requests bidder to supply with this BID, a list of at least **three (3) references** where like services have been supplied by their firm. Include name of firm, address, telephone number and name of representative.
21. Bidder shall: provide with this BID response, all documentation required by this BID. Failure to provide this information may result in rejection of the BID.
22. Termination for Default: Williamson County reserves the right to enforce the performance of this contract in any manner prescribed by law or deemed to be in the best interest of the County in the event of breach or default of this contract. Non-Performance of the bidder in terms of specifications shall be a basis for the termination of the contract by the County. The County shall not pay for commodities/services which are unsatisfactory. Vendors will be given a reasonable opportunity before termination to correct the deficiencies. This, however, shall in no way be construed as negating the basis for termination for non-performance.
23. Contract Administration: Under this contract, Ginny Atkinson, Williamson County Auditor's Office, shall be the contract administrator with designated responsibility to ensure compliance with contract requirements, such as but not limited to, acceptance, inspection and delivery. The contract administrator will serve as liaison between Williamson County Commissioners Court and the successful bidder.
24. Purchase Order: A purchase order(s) shall be generated by Williamson County to the successful bidder as products and/or services are required. The purchase order number must appear on all itemized invoices and/or request for payment.
25. Silence of Specifications: The apparent silence of these specifications as to any detail or to the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning that only the best practices are to prevail. All interpretations of these specifications shall be made on the basis of this statement.
26. Bids MUST BE: legible and of a quality that can be reproduced.
27. BID forms that are included in BID packages shall be used. **CHANGES to BID forms made by bidders shall DISQUALIFY THE BID.** Exceptions to the BID forms and or specifications shall be made on an attachment to the BID package. Call Ginny Atkinson (512) 930-4418 for explanation if exceptions are needed.

**FOR DETAILED SPECIFICATIONS AND QUESTIONS RELATING TO THE BIDDING PROCESS, CONTACT GINNY ATKINSON AT (512) 930-4418.**

► **TECHNICAL QUESTIONS CAN BE ANSWERED BY CALLING JOHN SNEED AT (512) 930-4421.**

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**PUBLIC NOTICE  
WILLIAMSON COUNTY  
INVITATION FOR BIDS**

The Williamson County Commissioners Court invites the submission of sealed BIDS for:

**AMBULANCES - NEW & REMOUNT**

Sealed BIDS will be publicly opened and read aloud in the County Commissioners Court Room, 2nd Floor, Williamson County Courthouse, Georgetown, Texas on Tuesday, October 28, 1997 at 10:15 AM .

BIDS received after the above stated date and time will be returned unopened.

Detailed specifications may be obtained by calling John Sneed at (512) 930-4421.

The Williamson County Commissioners Court reserves the right to accept the lowest and best BID as deemed by the Court, or reject any and/or all BIDS.

Issued by order of the Williamson County Commissioners Court on September 23, 1997. John C. Doerfler, County Judge.

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**BID CHECK LIST**

Please check the following prior to sealing and submitting your bid/proposal.

1. Official Williamson County Bid Form Completed, signed, and enclosed?

YES ✓ NO       

2. All bid specification sheets completed (including company name at bottom of each sheet) and attached?

YES ✓ NO       

3. Have you included three (3) complete bid sets (1 original & 2 copies) as required?

YES ✓ NO       

4. Have you written the name of your business on the front of the sealed envelope?

YES ✓ NO       

5. Have you written the bid name, bid number, and bid opening date & time on the front of the sealed envelope?

YES ✓ NO       

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# Williamson County

EMERGENCY MEDICAL SERVICES

## STANDARD SPECIFICATIONS

### EMERGENCY MEDICAL VEHICLE TYPE I CLASS 1 (4X2)

144" x 95"  
PASS THROUGH

DESIGNED TO MEET OR EXCEED FEDERAL SPECIFICATIONS  
KKK-A-1822D

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## SPECIFICATIONS

### EMERGENCY MEDICAL CARE VEHICLE

- 1.1 Scope: This specification covers a new 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 accord with the Ambulance Design Criteria of the National Highway Traffic Administration, US Department of Transportation, Washington DC. This bid specification is based on the Federal Ambulance Specification KKK-A-1822D effective January 1, 1990.
- 1.2 Purpose: The purpose of this document is to provide minimum specifications and test parameters for the manufacture 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.
- 1.3 Classifications: This specification calls for the following type of vehicle. It is in accordance with KKK-A-1822D.
  - Type I - Conventional cab/chassis with modular ambulance body.
  - Class I - Two rear wheel driven (4x2)
  - Floor Plan A - 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 or manufacturers 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 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 manufacturer of these vehicles have the ability to manufacture a complete ambulance within their plant facility, with the exception of the chassis. The basic modular body must be built "in house" by the manufacturing firm and not "farmed out" to another company, corporation or production site. Accessories such as light bars, sirens, etc., are not considered as basic components of the modular body. The ambulance manufacturer must have significant experience in the construction of modular ambulance bodies and have built a minimum of 500 such bodies. It is the intent of this section to ensure single source responsibility for all warranties pertaining to the modular body and ambulance conversion workmanship, Modular Body Warranty from other than the final conversion manufacturer will not be acceptable. In addition, the Bidder/

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MILE-HI T. FIRE EQUIPMENT, INC.  
1100 N. Industrial Blvd.  
Round Rock, Tx. 78681

manufacturer must include with this bid, proof of \$11,000,000.00 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 Information and Descriptive Material: Bidder must furnish all information requested. In addition, in the space provided on the bid, vendors shall supply at least one (1) complete set of drawings, descriptive literature and complete specifications covering the products offered. Bids not meeting this requirement will be rejected.
- 1.9 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.

- 1.10 Warranty: The successful manufacturer shall provide warranty coverage for the ambulance conversion over and above that which is deemed "usual". These warranties shall include, but not be limited to:

(A) There shall be a Twelve (12) Month Limited Warranty on the ambulance conversion which covers defective parts and/or components, improper design or engineering, poor or improper workmanship or quality control techniques. This warranty shall cover the ambulance conversion and shall include any and all costs for labor and parts or materials that are required to correct any and all deficiencies. There shall be a copy of the Warranty statement included as part of the bid documents.

(B) There shall be a Six (6) Year/72,000 Mile Warranty on the ambulance conversion 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 by ambulance manufacturer be excluded. There shall be a copy of the Warranty statement included as part of the bid documents.

(C) There shall be a Fifteen (15) Year Warranty on modular body structure. There shall be a copy of the Warranty statement included with the bid documents.

(D) There shall be a Four (4) Year Unlimited Mileage 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.

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MILE-HI T. FIRE EQUIPMENT, INC.  
1100 N. Industrial Blvd.  
Round Rock, Tx. 78681

(E) Warranty on the chassis portion of the completed ambulance shall be the responsibility of the chassis manufacturer, FORD MOTOR COMPANY, as stated in the Ford Warranty literature included in the owner's manual. The successful ambulance manufacturer shall bear only the responsibility to reasonably assist the purchaser in obtaining warranty from the chassis manufacturer should the purchaser experience difficulties in obtaining service from the local Ford dealer or service center.

Bidders who fail to meet these requirements shall not be considered as responsive.

- 1.11 Delivery: Since delivery proposals by the Bidders will weigh heavily in the determination of award of bid, the delivery schedules that are submitted by the Bidder and agreed upon by the Purchaser shall automatically become binding upon the successful Bidder. Delivery must be within a maximum of (6) six months from date of award of bid.
- 1.12 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 this bid is in all respects fair and without collusion or fraud.
- 1.13 General Vehicular Design, Types and Floor plan: The ambulance and the allied equipment furnished under this specification shall be the manufacturer's current commercial vehicle of the type and class specified. The ambulance shall be complete with the operating accessories as specified herein: furnished with such modifications and attachments as may be necessary and specified to enable the vehicle to function reliably and efficiently in sustained operation, the design of the vehicle and the specified equipment shall permit accessibility for servicing, replacement and adjustment of component parts and accessories with minimum disturbance to other components and systems. The term "heavy-duty" as used to describe an item, shall mean in excess of the usual quantity, quality or capacity that is normally supplied with the standard production vehicle or component.

2.0 TECHNICAL REQUIREMENTS - CHASSIS:

The ambulance shall be a Type I, Class 1 and shall be a chassis furnished with a 2-door cab chassis. Chassis shall be suitable for subsequent mounting of a modular (containerized), transferable equipped ambulance body conforming to the requirements specified herein.

- 2.1 Manufacturer and Model Year: The chassis requirement for this specification is a 1997 Ford or approved equal.

Does your bid comply? Yes ☒ No ☐

- 2.2 Model Type: The model type required is an F-350 Cab/Chassis.

Does your bid comply? Yes ☒ No ☐

- 2.3 Trim Level: Trim level shall be Ford "XLT Lariat".

Does your bid comply? Yes ☒ No ☐

- 2.4 G.V.W.R.: The gross vehicle weight rating shall be 11,000 lbs.

Does your bid comply? Yes ☒ No ☐

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MILE-HI T. FIRE EQUIPMENT, INC.  
1100 N. Industrial Blvd.  
Round Rock, Tx. 78681

- 2.5 Axes and Suspension: The chassis provided shall be a 161" wheel base, Heavy-duty front and rear springs with front and rear stabilizer bar. Shock absorbers shall be heavy-duty. Front axle shall be rated at 4400 lbs. capacity with the rear axle at 8250 lbs. rated capacity. Rear axle is limited slip wide track with a ratio of 4.10. Rear wheels to be dual. Rear brake system shall be anti-locking.  
Does your bid comply? Yes ☒ No ☐
- 2.6 Electrical: The vehicle shall be supplied with dual 12 volt batteries. They shall be standard OEM Heavy Duty Batteries 850 CCA each.  
Does your bid comply? Yes ☒ No ☐
- 2.7 Engine: Engine size shall be a 7.3 liter, 445 C.I.D. turbo diesel V-8 engine with heavy-duty engine oil cooler.  
Does your bid comply? Yes ☒ No ☐
- 2.8 Transmission: The vehicle to be supplied with a 4-speed automatic overdrive with heavy-duty transmission oil cooler.  
Does your bid comply? Yes ☒ No ☐
- 2.9 Speed Control and Steering Wheel: Cruise speed control and tilt steering to be supplied.  
Does your bid comply? Yes ☒ No ☐
- 2.10 Fuel Tank: The vehicle shall be equipped with dual fuel tanks, having a combined capacity of at least 38 gallons (143.83 Liters). There shall be an electric change over switch to select either fuel tank.  
Does your bid comply? Yes ☒ No ☐
- 2.11 Exhaust System: The exhaust system shall be the O.E.M. manufacturer's standard.  
Does your bid comply? Yes ☒ No ☐
- 2.12 Air Conditioning and Heater: The vehicle shall be equipped with factory air conditioning with heavy-duty cooling package and heavy-duty radiator. The heater shall be the manufacturer's standard with cut-off valves accessible. An auxillary external condensor shall be mounted on the front face of the module above the cab and below the upper body warning lights in such manner as to facilitate maintenance and to avoid interference with any of the emergency lighting system.  
Does your bid comply? Yes ☒ No ☐
- 2.13 Glass: The chassis shall be equipped with the chassis manufacturer's standard tinted glass supplied as part of their Air Conditioning Cooling Package. The glass provided shall meet all the requirements of KKK-A-1822D and those of the Federal Motor Vehicle Safety Standards.  
Does your bid comply? Yes ☒ No ☐
- 2.14 Seats: The Chassis shall be equipped with vinyl captain chairs with lap and shoulder belts and fold-up armrests for driver and passenger.  
Does your bid comply? Yes ☐ No ☒

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- 2.15 Ambulance Prep Package: The chassis shall be equipped with the ambulance builder's prep package 47A, light and convenience group 593, handling package 684.

Does your bid comply? Yes ☒ No ☐

- 2.16 Instrument Console: In the vehicle's cab there shall be provided a control console. It shall be constructed to allow easy access to the specified gauges, controls and switches as required by these specifications. This console shall be installed in a fixed position in front of and below the OEM dash to the driver's right side. It shall not interfere with the operation of dash mounted controls, nor will it be installed above the level of the dash. The console shall be positioned to allow the driver ease of visibility and access to all control functions. The console shall be approximately 10" x 12" in dimensions, 2.5" to 3.5" thick. The console shall be connected to the master printed circuit board by a single cable with quick disconnect, computer type plug in connections. There shall be no electrical componentry for this console mounted in the vehicle dash. A center console will be provided for mounting the OEM throttle control system as well as the second siren control head.

Consoles mounted overhead are unacceptable. NO EXCEPTIONS.

Does your bid comply? Yes ☒ No ☐

- 2.17 Instruments and Gauges: The vehicle shall be provided with the following gauges as a minimum:

1. Voltmeter (showing total voltage)
2. Ammeter (200 amp shunt type)

The O.E.M. chassis manufacturer's standard gauges and instruments in addition to the above shall be supplied. These gauges shall have digital readouts and shall be mounted in the front switch control panel.

Does your bid comply? Yes ☒ No ☐

- 2.18 Mirrors: The vehicle's exterior mirrors shall be swing-out recreational style with bright finish. Adjustable convex mirrors shall be attached.

Does your bid comply? Yes ☒ No ☐

- 2.19 Tires and Rims: The vehicle shall be equipped with LT215/85R16D radial black sidewall tires. The O.E.M. manufacturer's standard steel vented rims will be provided. The four exposed wheels shall be covered with stainless steel wheel simulators to protect the wheel and provide an easy to clean exterior surface. Spare tire, wheel and tire changing tools will also be provided. Spare to be mounted in compartment #4. Rear mud flaps will be installed.

Does your bid comply? Yes ☒ No ☐

- 2.20 Horns: The O.E.M. manufacturer's dual electric horns shall be provided.

Does your bid comply? Yes ☒ No ☐

- 2.21 Engine Block Heater: The chassis shall have an OEM engine block heater. This heater shall be wired to the 110V shoreline input on the modular body.

Does your bid comply? Yes ☒ No ☐

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- 2.22 Bumpers: The front bumper will be extended 12" and will be provided with a chrome grille guard. The rear bumper will be mounted on a structural steel framework complete with tow eyes and skid plates.

Does your bid comply? Yes ☒ No ☐

### 3.0 ELECTRICAL SYSTEMS AND COMPONENTS

- 3.1 Electrical System: The emergency medical vehicle's electrical system shall be equipped with, but not limited to the following: dual 12 volt batteries, ignition, starting, generating, lighting, visual and audible warning systems; specified electronics equipment and devices to include control consoles located in the cab and patient compartment and other specified accessory wiring. The electrical systems and equipment shall comply with all applicable FMVSS including Federal Motor Carrier Safety Regulations (FMCSR), and shall also conform to all the applicable SAE recommended standards and practices whether or not specifically referenced in this document. All electrical and electronic components shall be selected to minimize electrical loads and levels of heat generated by those electrical components thereby not exceeding the vehicle's generating system capacity or diminish its ability to provide the required levels of electrical power. Electrical systems utilizing switching of "hot load" circuits for emergency and warning lighting shall not be accepted by this agency. All electrical system components and wiring shall be readily accessible through access panels for checking and maintenance. The cab and patient compartment consoles shall also be constructed in such a way that the switches and gauges are easily serviced. They shall be accessible through service panels. These panels will be secured in the closed position in a positive manner, yet can be easily opened for service.

Does your bid comply? Yes ☒ No ☐

- 3.2 Battery Selector Switch: There shall be furnished a Cole-Hersee ON-OFF master battery switch. The switch shall be mounted outboard of the driver's seat base for ease of access to the driver. This switch shall be capable of carrying the load of both batteries. Additionally, it shall be possible to completely disconnect both batteries, with the switch in the off position.

Does your bid comply? Yes ☒ No ☐

- 3.3 Battery System: The vehicle shall be supplied with a dual OEM 12 volt battery system. The batteries will have a combined minimum cold cranking ampere capacity of 1700 C.C.A.

Does your bid comply? Yes ☒ No ☐

- 3.3.1 Two (2) battery indicator lights shall be provided. They shall be GREEN lights with a surface area equal to approximately 1/2 inch. When the vehicle ignition switch is in the "ON" position these lights shall indicate batteries are "on line" and powering the system.

Does your bid comply? Yes ☒ No ☐

- 3.4 Electrical Generating System: The ambulance shall be equipped with a Ford OEM 215 ampere alternator with internal voltage regulator. A dual alternator system is not acceptable.

Does your bid comply? Yes ☒ No ☐

- 3.5 Driver's Compartment Controls: The Front Control Switch Panel shall incorporate low voltage rocker switch controls for ambulance equipment operation, including, but not

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limited to the following: siren, all warning and emergency lights, battery indicator lights, horn/siren cut-off switch, silent signal intercom, side and rear flood lights, compartment and entry door ajar warning light, patient compartment master switch, back-up alarm cut-off switch, emergency lights master switch, voltmeter, ammeter and air conditioner/heater master switch. Additionally, a legend, "WAIT TO START" shall be back lighted and appear above the voltmeter in the control panel indicating OEM glow plugs are heating prior to starting the diesel engine. The control console shall not be integrated into the OEM dash but be permanently mounted below the OEM dash. The control panel shall be positioned for efficient use by driver or passenger and to facilitate peripheral vision operation by the driver allowing him continued visual contact with the roadway ahead. The control console's gauges shall be internally illuminated and controlled by the headlight switch rheostat function. There shall be four (4) blank switches provided for future use.

Does your bid comply? Yes ☒ No ☐

- 3.6 Warning Indicators: The electrical system shall incorporate a warning light panel located in the front control switch panel. It shall provide indicator lights showing patient compartment door (s), side and rear, are open and shall be a flashing RED light approximately 1/2" in diameter. There shall be an exterior compartment "door open" warning light and shall be a flashing amber light approximately 1/2" in diameter.

Does your bid comply? Yes ☒ No ☐

- 3.7 Back-Up Alarm: The vehicle shall have a solid state back-up alarm of at least 97 decibels equipped with a cancel button located on the front control switch panel which will deactivate the alarm. The alarm shall be an automatically resetting type whereby the alarm is reactivated automatically each time the vehicle is placed in reverse gear. The purchaser acknowledges and accepts that the provision for back-up alarm cut-off switch may be in non-compliance with motor vehicle regulations in certain States.

Does your bid comply? Yes ☒ No ☐

- 3.8 Ammeter: The electrical system shall incorporate an LED (digital) ammeter which is capable of indicating a current of 200 amperes and shows the total amp draw of the system on the dual batteries. The ammeter shall incorporate an external shunt which does not exceed 200 millivolts at maximum current. The ammeter and shunt shall have a combined accuracy of approximately 10 percent of the full scale reading. The ammeter shall be located in the driver's control console. The shunt shall be protected against physical damage, weather and road spray and shall be mounted in a easily accessible location which shall minimize the length of the power cables.

Does your bid comply? Yes ☒ No ☐

- 3.9 Voltmeter: The vehicle shall be equipped with an LED (digital) voltmeter to monitor total system voltage. The voltmeter connection shall be direct to eliminate erroneous readings from connection voltage drops. The voltmeter shall be mounted in the front control switch panel.

Does your bid comply? Yes ☒ No ☐

- 3.10 Module Disconnect Switch: This switch shall be located on the front control switch panel and shall disconnect all patient compartment conversion circuits. The switch label shall be back-lighted, permanently identifying it as to function and have an LED indicator to show that function is activated.

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Does your bid comply? Yes ☒ No ☐

- 3.11 Emergency Lights Master Switch: The emergency lights "master" switch shall be a paddle type switch having a translucent label with a RED "on" indicator. The remainder of the function switches shall be low voltage rocker type switches. All switch labels shall be back lighted, permanently identifying it as to function and have an LED indicator to show that function is activated as required by KKK-A-1822D.

Emergency Light Load Manager: There shall be a Load Manager/Sequencer installed in the emergency lighting circuit. The Manager will sequence the activation and shut-down of all the lights in this circuit and will monitor the load demands created by this circuit and make adjustments to the circuit by shutting down individual circuits to help conserve power.

Does your bid comply? Yes ☒ No ☐

- 3.12 Back-Lighting: Back lighting for the front control switch panel shall turn on with the headlights and be controlled by the headlight switch rheostat function.

Does your bid comply? Yes ☒ No ☐

- 3.13 Exterior Lamps: All exterior housings for lamps, electrical devices and fixtures shall be corrosion resistant and weatherproofed. Electrical fixtures attached to the sides of the ambulance below the 75 inch level shall be near flush mounted, not to protrude more than two (2) inches, except for such items as spotlights, speakers and ventilators.

Does your bid comply? Yes ☒ No ☐

- 3.14 Radio Interference Protection: All electronic devices and equipment installed which produce RFI, shall have the proper filters, suppressers or shielding to prevent electromagnetic radiation and the resultant interference to radios and other medical electronics as required by KKK-A-1822D.

Does your bid comply? Yes ☒ No ☐

- 3.15 Wiring Installation: The ambulance body and accessory electrical equipment shall be served by circuit (s) separate and distinct from the vehicle chassis circuits. All power wiring provided by the ambulance manufacturer shall be copper and conform to all the SAE J1292 requirements and shall have type GXL or SXL high temperature thermoplastic or better insulation rated to 125 degrees centigrade and conforming to SAE J1127 and J1128. Insulation on the low voltage computer-type control cables shall have a minimum temperature rating of eighty (80 C.) degrees centigrade.

Does your bid comply? Yes ☒ No ☐

- 3.16 Wiring Labeling: The wiring shall be permanently color coded, Ink Jet Dyed with the function the wire serves. These functions shall be embossed at a minimum of 4" intervals the entire length of the wire.

Does your bid comply? Yes ☒ No ☐

- 3.17 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. Electrical wiring and components shall not terminate in the oxygen storage compartment except for the compartment light

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- and door switch plunger. Wiring necessarily passing through an oxygen compartment shall be routed in a metal conduit. 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 grommeted for passing wiring and conform to SAE 1292. All items used for protecting or securing the wiring shall be appropriate for the specific application and be standard automotive, aircraft, marine or electronic hardware.

Does your bid comply? Yes ☒ No ☐

- 3.18 Circuit Connections (1): Circuit connections shall be made on high current terminal block, brass bolts, or approved electronic connectors. All terminals shall fasten directly to the terminal block or be machine crimped to plastic enclosed spade terminals or open ring connectors.

Does your bid comply? Yes ☒ No ☐

- 3.19 Circuit Connections (2): The use of "Scotch-Lock" type fasteners is NOT ACCEPTABLE. To ensure minimal voltage drop and secure connections, NO splices shall be allowed in the wiring harness.

Does your bid comply? Yes ☒ No ☐

- 3.20 Wiring Gauge: All main harness wiring installed by the ambulance manufacturer shall carry the maximum load ratings of the circuit it is designed to service. All cables larger than 18 AWG shall have the terminals mechanically crimped to insure minimal voltage drop.

Does your bid comply? Yes ☒ No ☐

- 3.21 Battery Cable Routing: The routing of the battery cable shall be from the engine compartment to the main power distribution panel. This panel's location is defined by where the manufacturer elects to mount the major electrical components that control the electrical system. The manufacturer may mount this panel at a place in the vehicle of his own choosing so long as it is NOT in the engine compartment NOR in an outside storage compartment. The battery cables shall be 2AWG cables run to the main power distribution panel via the cab and shall be fully protected by the high temperature loom and routed through rubber insulated metal cable clamps. The battery cables shall not be routed under chassis frame components. Cables routed in this manner shall render the bidder as unresponsive and shall constitute grounds for rejection of any vehicle delivered to this agency.

Does your bid comply? Yes ☒ No ☐

- 3.22 Wiring Criteria: All wiring devices, outlets, etc., except circuit breakers, and switches shall be rated to carry at least 125% of the maximum ampere load for which the circuit is protected. There shall be a main power distribution board located within the ambulance. This panel shall incorporate an etched-trace "printed" circuit board with plug in type Bosch relays and circuit breakers. The board shall be a polyclad layered glass epoxy with a NEMA grade rating of FR-4. The board shall be rated to withstand the MIL-STD-810C Corrosion test and the MIL-STD-55110D Thermo Shock test. This board shall be mounted to a .125" aluminum panel which shall be attached to the bulkhead in a manner to allow easy removal. All circuits in the panel shall be permanently labeled with circuit number and function. These labels shall match the wiring schematic included with the vehicle(s) at time of delivery. It is preferred that this panel be mounted on or near the bulkhead of the patient compartment in a closed, locking, well ventilated cabinet. All circuit breakers, relays, flashers and diodes shall be mounted on this panel and be easily accessible. NO EXCEPTIONS.

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Does your bid comply?

Yes ☒ No ☐

- 3.22.1 Adjacent to the main power distribution board there shall be the electronic control module. This module shall include four (4) etched trace "printed" circuits boards connected to the total electrical system by three (3) computer type cables. This module shall direct low voltage switch commands from the front and rear control panels to the relays on the main power distribution board. This module shall include a five-minute delay timer circuit for patient compartment dome lights to function as check-out lights. This circuit shall be activated by opening the rear or curbside door and switching "On" either dome light switch on the rear control switch panel with the battery switch off. After five minutes the circuit shall automatically turn off the dome lights. The circuit may be reactivated by turning the battery switch "on" then "off" or closing and reopening the door. This module shall be capable of upgrade to include, if specified, an automatic sequencer circuit for emergency lighting and/or a load manager circuit to automatically "unload" non-critical lighting in the event of battery or charging system problems. There shall be two (2) spare jumper cards supplied with the vehicle for the logic board; one (1) each for the five-minute timer circuit and the sequencer/load manager circuits, if specified. NO EXCEPTIONS.

Does your bid comply?

Yes ☒ No ☐

- 3.22.2 A six inch service loop of wire or harness shall be provided at all electrical components, terminals, and connection points. Circuit breakers shall be of the automatic reset type and designed specifically for each circuit. One spare 15 ampere circuit breaker shall be provided for future use. A Whelen Model AF6016A Dual Mode solid state electronic flasher shall be heat sink mounted to the panel for control of the flashing warning light system. All connections and terminals provided shall comply with SAE J163, or J561 or J928 as applicable.

Does your bid comply?

Yes ☒ No ☐

- 3.22.3 The main wiring harness for the module body shall be installed down the center of the patient compartment ceiling. Each electrical circuit shall branch from it's master harness as needed. There shall be no splices in this harness. Each circuit wire shall run from the distribution panel to the fixture without a break or connection. An access panel shall run the entire length of the center of the ceiling to simplify access to the "master" wiring harness. The access panel shall be covered by a padded upholstery type material to prevent head injuries. This panel shall be fastened to the ceiling with screws.

Does your bid comply?

Yes ☐ No ☒

- 3.23 Ford OEM System RPM Control, Automatic: The vehicle shall be equipped with an OEM System RPM-Idle Speed Control. It shall be preset so that, when activated, it will operate the engine at the appropriate RPM. The device shall operate only when switched in the "ON" position and the transmission is in "Neutral" or "Park". The device shall disengage when the operator depresses the service brake pedal, or the transmission is placed in gear and automatically re-engages when the service brake is released or when the transmission is placed in neutral or park. No after market high idle control systems will be installed.

Does your bid comply?

Yes ☒ No ☐

- 3.24 Internal 12 Volt DC Power: The patient compartment shall be furnished with a 12 Volt DC 20 ampere capacity, separately protected circuit, with two (3) Laerdal-type outlet receptacles, battery hot at all times. One (1) shall be located in the action area, (1) in the

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monitor area and one located in the top shelf area of the ALS cabinet.

Does your bid comply? Yes ☒ No ☐

- 3.25 115 Volt AC Utility Power: The vehicle shall be furnished with a 2-wire plus ground 115 volt AC wiring system that is separate and distinct from the vehicle's 12 volt DC wiring system. The 115 volt AC electrical system, including wiring and associated equipment, shall comply with Article 551 of the National Electrical Code. This system is to be used while the vehicle is on standby for powering maintenance devices, medical equipment, battery chargers, and for any other device (s) deemed necessary by this Agency. The 115 volt system shall incorporate a 15 ampere ground fault interrupter (GFI) device.

Does your bid comply? Yes ☒ No ☐

- 3.26 115 Volt Outlets and Inverter Wiring: The ambulance shall be provided with a Vanner 20 - 1000T 115 VAC inverter. The wiring shall include three (3) duplex grounded outlets, one in the action wall area, one in the monitor area and one in the top shelf area of the ALS cabinet. The interior outlets shall have pilots indicating power at the outlet. Inverter shall be located under the ALS cabinetry and be accessible through the curbside forward exterior compartment.

Does your bid comply? Yes ☒ No ☐

- 3.27 Shoreline Inlet: A shoreline inlet shall be installed on the vehicle exterior immediately behind the driver's door on the front of the module. This inlet wiring shall connect to the 115 VAC outlets in the patient compartment. This inlet shall be rated at 115 VAC, 15 amperes and be permanently marked as such. A shoreline inlet shall be a Kussmaul Auto-Eject

Does your bid comply? Yes ☒ No ☐

- 3.28 Rear Control Switch Panel: All switches and controls for the patient compartment including those for the heat and air units shall be located on a service panel in the action area. These switches shall be of the same design and construction as found on the front control switch panel. The panel shall include but not be limited to, controls for patient compartment dome lights, fluorescent lights, if specified, action area light, vacuum system, electric oxygen solenoid, if specified, three-light intercom, and three spare switches for future use. These switches shall not be activated unless the "MASTER" switch on the front control switch panel is in the "ON" position.

Does your bid comply? Yes ☒ No ☐

- 3.29 Marking of Switches, Indicators and Control Devices: All switches, indicators and control devices supplied by the ambulance manufacturer shall employ permanently engraved translucent labels. These shall be back lit and be activated when the "MASTER" switch is on. Decals or other "stick on" type labels are NOT ACCEPTABLE.

Does your bid comply? Yes ☒ No ☐

#### 4.0 VEHICLE LIGHTING REQUIREMENTS

- 4.1 Vehicle Exterior Lighting: The basic exterior ambulance lighting shall comply to FMVSS Standard No. 108 and the requirements therein and include: amber front and rear directional signals and hazard warning lights, front and rear side marker

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lights, backup light (s), loading light (s), clearance lamps, ambulance emergency lights, floodlights and spotlight (s). The side marker lights shall also function as a turn signal indicator as described in Federal Specification KKK-A-1822D.

Does your bid comply? Yes ☒ No ☐

- 4.2 Vehicle Emergency Lighting Systems: The emergency lighting system must provide the vehicle with 360 degrees of visual warning conspicuity. The system must display highly perceptible and attention getting signals that function in a mode system and convey the message in the PRIMARY MODE - "Clear the Right-of Way" and the SECONDARY MODE - Hazard Vehicle stopped on Right-of Way.

Does your bid comply? Yes ☒ No ☐

- 4.3 Warning Lights: The basic warning light system shall contain six (6) fixed red lights, two (2) on each side and two (2) on the rear at window level. These will be Whelen 97 Series strobes with red optic lens. The unit will be provided with front and rear Whelen strobe bars as indicated below. These lights shall function in a dual mode system as shown in KKK-A-1822D and meet the physical and photometric requirements of that same document. The upper body side warning lights shall be identical and mounted at the extreme upper corner areas of the ambulance body below the horizontal roof line. The rear warning lights shall be located at window level so they are not obstructed by the doors. They will function in the primary and secondary modes. The "Grille" lights shall be Whelen 97YS10D strobes, located on the extended front bumper. The red "intersection" lights shall be Whelen 73FG10DU strobes mounted on the front fenders of the chassis as far forward as possible. There will be three Whelen UPS-128C power supplies installed for the strobe system. The grille, intersector, center front and center rear strobes will function in the primary mode only and the primary function will be wired to drop out first in the sequencer pattern. The two (2) interior (right and left) light bar strobes (front and rear) will be wired to a single power supply which will be wired to a separate circuit in the sequencer to drop out second in the pattern. The two (2) outer strobes located on the front and rear light bars as well as the four (4) side strobes (right and left side of module) will be wired to another single circuit on the sequencer and will drop out of the circuit last. All warning lights furnished shall be mounted to project their highest effective intensity beams on the horizontal axis.

Does your bid comply? Yes ☒ No ☐

- 4.3 Lightbars: There will be Whelen flush mount light bars mounted on the front and rear of the unit. The configurations will be as follows:

Front Whelen AdvantEdge Plus:

Strobe/Strobe/Strobe/Strobe/Strobe/Strobe/Strobe  
Red / Clear / Red / Clear / Red / Clear / Red

Rear Whelen AdvantEdge Plus:

Strobe/Strobe/Strobe/Load/Strobe/Load/Strobe/Strobe/Strobe  
Red / Clear / Red / Clear / Amber / Clear / Red / Clear / Red

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Does your bid comply? Yes ☒ No ☐

- 4.4 Hardware, Construction, Switching Arrangements: The emergency lighting system shall be comprised of components and devices that comply with the general requirements and tests of SAE J575g, J576d, and J551. Warning lights shall be firmly fastened to reinforced

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body surfaces. All connectors and wiring shall be rated to carry a minimum of 125% of their maximum ampere load.

Does your bid comply? Yes ☒ No ☐

- 4.4.1 All emergency light switches shall be labeled as specified in KKK-A-1822D, and the PRIMARY/SECONDARY mode switch shall have a dual indicator light to show the driver which mode is activated. All warning light control switches shall be located in the driver's control console. The emergency light switches shall be wired and arranged to provide the warning light signal modes and combinations as specified in KKK-A-1822D.

Does your bid comply? Yes ☒ No ☐

- 4.5 Flood and Loading Lights (Exterior): Flood and loading lights shall be not less than 75 inches above the ground and unobstructed by open doors. Floodlights shall be located on the left and right sides of the ambulance and be firmly fastened to the reinforced body surfaces below the roof line. The two (2) lights on each side of the ambulance shall be Whelen 97OCAOYU halogen with downward internal 13 degree optics from the horizontal plane. Floodlight switches shall be located on the front switch control panel. The two (2) rear load lights shall be projected downward at an angle of 26 degrees from the horizontal plane. Rear load lights shall illuminate the area surrounding the back loading door (s). Rear loading lights shall automatically be activated when the vehicle is shifted into reverse gear or when the rear doors are opened, but may be turned off with an automatically resetting disconnect switch.

Does your bid comply? Yes ☒ No ☐

- 4.6 Spotlight: A hand-held spotlight shall be provided with a minimum 200,000 candlepower lamp. It shall be a corrosion proof housing with a momentary switch and a minimum 8 foot heavy-duty coiled cord.

Does your bid comply? Yes ☒ No ☐

- 4.7 Vehicle Interior Lighting: The basic interior ambulance lighting configuration shall be designed to minimize electrical loads and include: A driver's compartment dome light, instrument panel lights, master switch panel and console light (s). Lighting shall be designed and located so that no glare is reflected into the driver's eyes or his line of vision from switch control panels or other areas that are illuminated while the vehicle is in motion.

Does your bid comply? Yes ☒ No ☐

- 4.8 Patient Compartment Illumination: The patient compartment shall be provided with eight overhead "dual-intensity" halogen lights. There shall be three(3) lights located over the "primary" patient area and three (3) over the squad bench. These lights shall be recessed in the patient compartment headliner and not protrude more than 1.5 inches. The supplied lights have "dual-element" bulbs for two (2) levels of illumination. The technician shall be able to control these lighting levels from the rear switch control panel. These dual levels shall work together or differ from side to side. This "dual" light level shall not be provided by the use of a rheostat, but by "double-throw", low voltage rocker switches located on the rear switch control panel. When either the curb side or rear door (s) are opened, three(3) lights over the squad bench shall light automatically. The lights over the primary cot shall not light to conserve power.

Does your bid comply? Yes ☒ No ☐

- 4.8.1 Any system using rheostat controlled lighting shall be unacceptable and shall not be considered. Certifications shall be provided by an independent testing laboratory

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that the required patient compartment illumination is provided. In addition to the overhead lighting, there shall be provided a 12" bar light in the technician's work or "action" area. This light shall be controlled by a switch on the console. There shall be provided a step-well light for the curb side and rear entry doors. When either the curb side or rear doors are opened, the step-well lights shall be automatically lighted.

Does your bid comply? Yes ☒ No ☐

- 4.9 Fluorescent lighting: There will be four 18" recessed fluorescent lights installed in the patient compartment headliner. These lights will be utilized to reduce the 12VDC amp load on the electrical system while in service and will also be utilized for restocking purposed when the unit is plugged into a 115VAC shoreline. A 30 Amp Power Source battery charger/converter will be installed to facilitate this operation.

Does your bid comply? Yes ☒ No ☐

## 5.0 VEHICLE BODY AND PATIENT AREA

- 5.1 Body, General Construction: It is the intention of these specifications to require that the ambulance module body be of all aluminum, all welded construction. No rivets, screws, or other metal fasteners shall be used for the attachment of any exterior body panel to a structural member.

Does your bid comply? Yes ☒ No ☐

- 5.2 Body Skin Thickness and Alloy: All sidewall, front and rear panels to be 5052-H32 aluminum with a minimum density of 1.75 lbs. per square foot x .125" thickness. The body side skin shall be interval welded to each structural framing member. Additionally the side skin (as the roof skin) will feature a full perimeter weld so that there are no visible overlapping extrusions, no seams to collect dirt, mud or other foreign matter and to enhance the structural integrity of the unitized modular unit. This will provide the module with a clean, smooth, unbroken appearance which facilitates cleaning and increases the structural integrity of the modular unit. In addition, the skin shall be bonded to each structural upright full length using PL 400 adhesive.

Does your bid comply? Yes ☒ No ☐

- 5.3 Body Structural Framing: All framing to be a minimum of 2" x 2" square tubing on 12 inch centers with an alloy of 6063-T5 and a minimum of .125" wall thickness. Framing to be gusseted at all stress points with 2" square tubing at 45 degree angles for diagonal strength.

Does your bid comply? Yes ☒ No ☐

- 5.4 Vertical Corner Posts: Vertical posts to measure 2.75" x 2.75" minimum, with a 2.125" radius and with a minimum wall thickness of .125" and extruded from 6063-T5 and containing two (2) extruded slots for insertion of skin metal. The extrusion shall incorporate a center rib with a minimum thickness of .200 inches with two side flanges. Bidder must be prepared to verify compliance with this section. Drawings and samples of actual materials used may be required. The vertical corner posts and the roof corner extrusion shall be mated by a cast aluminum corner cap welded to all three extrusions inside and out. Construction which merely welds the extrusions together is unacceptable.

Does your bid comply? Yes ☒ No ☐

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- 5.5 Roof: The roof shall be constructed of a SINGLE aluminum sheet .090 inch thick. Roof framing to be 2" x 2" square tubing on 12 inch centers below three (3) longitudinal full length extruded hat sections measuring 1" x 3" x .125" thickness with an alloy of 6063-T5. The single sheet shall have a full perimeter weld to create a structural seal and compliment the remaining structural integrity of the modular structure. Spliced, skip welded or roof sheeting which is secured with silicon (or other flexible caulk) is totally unacceptable.

Does your bid comply? Yes ☒ No ☐

- 5.6 Horizontal Roof Edge: Roof edge extrusions to measure 6" x 4.75" minimum with a 2" radius, and a minimum wall thickness of .125". Roof edge to be extruded from 6063-T5 temper and alloy material and contain a drip rail integral to the structure. Roof sheets shall be welded to the outer extrusions using a continuous weld on all four sides.

Does your bid comply? Yes ☒ No ☐

- 5.7 Static Load Test: The ambulance body as a unit shall be designed and built to provide impact resistance. The body shall be of sufficient strength to support the entire weight of the "fully" loaded vehicle on its top or side if overturned, without crushing, separation of joints, or excessive deformation of roof bows, reinforcements, body parts, doors, floor members, inner linings, outer panels, rub rails or any other structure in accordance with AMD Standard No. 001.

Does your bid comply? Yes ☒ No ☐

- 5.8 Body Warranty: The manufacturer shall warranty the modular body structure for a period of at least fifteen (15) years. This warranty shall be in writing and shall be included with this bid. "Lifetime" warranties are unacceptable. Bidders who fail to meet this requirement shall not be considered as responsive.

Does your bid comply? Yes ☒ No ☐

- 5.9 Manufacturing Ability: This agency is extremely concerned with purchasing the vehicle from a manufacturer who can provide the necessary service after the sale with a minimum of confusion. With this in mind, this vehicle shall be constructed, with the exception of the chassis, by the prime (manufacturer bid) contractor. This shall be especially true of the modular body. This body shall be built by the prime manufacturer and not subcontracted out. This clause will apply to any type of sub-contract, lease, rental or any other similar arrangement. The Bidder may be required by this agency to prove compliance with this requirement. No exceptions shall be taken to this requirement.

Does your bid comply? Yes ☒ No ☐

- 5.10 Drip Rails: In addition to the drip rail found in the roof extrusion there shall be a drip rail provided over each exterior compartment door. These drip rails shall be attached in such a manner to provide quick and easy replacement. They shall not be riveted, welded, or integral to the door frame extrusion.

Does your bid comply? Yes ☒ No ☐

- 5.11 Subfloor Structure: The subfloor structure of the modular body shall be constructed

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of 1.5" x 3" x .250" 6063T5 aluminum structural C-channels. There shall be two (2) longitudinal and six (6) lateral channels welded to the modular body under the subfloor. There shall be a double C-channel at the rear door area and at the front wall of the module. In addition, there shall be four (4) 1" x 2" x .125" wall tubes welded between the lateral C-channels in the fuel tank areas. The subfloor structure shall accommodate two (2) 4" x 5" x .250" tubes of 6063T5 alloy as "in-frame" pass through for the OEM fuel filler neck. Accommodations for this fuel filler that employ routing under the sub-floor frame or with frame trimmed away to allow fuel filler pass through shall not be acceptable to this agency.

Does your bid comply? Yes ☒ No ☐

- 5.12 Body Mounting: The modular body shall be mounted to the chassis with a minimum of 10- .50" grade 5 bolts. These bolts shall extend through the subfloor, through the structural channels, and fasten to the chassis. There shall be an insulating layer of rubber for an electrolytic barrier between the dissimilar metals of the chassis frame and module under-frame. For ease of remount, "T" head bolts are not removable, and only bottom nuts and lock washers are removed to free the entire body from the chassis.

Does your bid comply? Yes ☒ No ☐

- 5.13 Module Side Entry Door: The modular body shall be provided with one (1) entry door on the curbside of the module. A forward hinged single door shall provide an opening of 30.5 inches wide by 65.5 inches high. This door shall be fitted with a Cleveland type cam operated closure. This device shall be equal to a Cleveland #M2395AA. The push rod of this assembly shall be of plated zinc. The attachment of the push rod to the door shall be accomplished by tapping into the extruded frame of the door with stainless steel screws. The door shall be attached using a 3" wide, full length slotted stainless steel piano hinge with a pin of at least .250 inches in diameter. The hinge must be slotted in order to provide for field adjustment.

Does your bid comply? Yes ☒ No ☐

- 5.14 Module Rear Entry Doors: The modular body shall be provided with two (2) entry doors on the rear of the module. They shall cover a clear opening of not less than 56 inches high by 45 inches wide. The doors shall be attached using a 3" wide, full length slotted stainless steel piano hinge with a pin of a least .250 inches in diameter. The hinge must be slotted in order to provide for field adjustment. Hold opens for these doors shall be Cast Products "Grabber" type located on the exterior of each door with mating receptacle on the rear of the module body.

Does your bid comply? Yes ☒ No ☐

- 5.15 Module Entry Door Windows: There shall be one 19.5"H x 17.5"W window in each module entry door. They shall be aluminum framed, smoke tinted, safety glass. The curbside door shall have a sliding glass window with a screen. The rear door windows shall be fixed.

Does your bid comply? Yes ☒ No ☐

- 5.16 Door Construction: All module entry and compartment doors to be a minimum of 2 inches thick and fabricated in the following manner:  
(A). Exterior door perimeter extrusion to be .125" thickness, alloy 6063, temper T5, continuous welded on all surfaces at all four corners. This extrusion shall be designed in such a way that when the door is finished, there is no visible extrusion

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showing, thus creating a smooth finish edge to edge which will not allow dirt, salt, or other foreign matter to be trapped in the extrusion.

- (B). Exterior door frame (casing) extrusion to be .125" thickness, alloy 6063, temper T5, continuous welded on all corners and welded to body skin. Bolting or screwing casing to body is not acceptable. This door frame shall be constructed in the same manner as the perimeter extrusion described in section 5.16 (A) above.
- (C). Exterior door skin panel to be .125" thickness, 5052-H32 aluminum, continuous weld on exterior and skip bead welded on the inside, to exterior door extrusion.
- (D). All doors to be reinforced with extruded internal braces bonded to skin surfaces.
- (E). All doors are to be flush with body sides.
- (F). All doors shall have full length stainless steel hinges with a .250" diameter pin. Stainless hinges shall be punch slotted for vertical and horizontal adjustments and attached with stainless steel screws. A neoprene barrier gasket must be installed on both sides of hinge attachment.
- (G). All doors shall close on a continuous, extruded rubber gasket complex with "C"-clip mounting flange. The interior edge of the door jamb shall be specifically engineered to provide a flat sealing surface around the entire perimeter of the door opening. This design includes specialized tab formations inboard of the "Nader" pins to evenly seal around the jamb even where the door is cut out for the latching mechanism.
- (H). All access doors to be insulated with 1.75" Styrofoam.
- (I). The interior door panel of the exterior compartment doors shall be of highly polished aluminum diamond plate.
- (J). Patient entry door interior panel to be .090" thickness, 5052-H32 aluminum screwed to exterior door extrusion for access to lock assembly.
- (K). The interior surface of the module entry doors (rear and curb side) shall be finished in a safe and attractive manner that harmonizes with the interior appointments. The lower 6" portion of this surface shall be a kick plate of jeweled aluminum.
- (L). The lower surface of the door jamb of each exterior compartment shall be trimmed with a stainless steel trim piece which conforms to the door sill breaks over and down the side of the body behind the lower body rub rail. Similar trim pieces shall be applied to the curbside and rear entry door sills.

Does your bid comply with "A" through L"? Yes ☒ No ☐

5.17 Hold-Open Devices:

- (A). All compartment doors are to have bright metal spring loaded, over the center hold-opens.
- (B). The side entry door shall have a spring loaded, over the center hold open device.
- (C). The rear entry doors are to have bright metal hold opens. Cast Products Model C10870-1 "Grabber" Door Stays.
- (D). Compartment and access doors are to have separate "door open" warning indicator lights installed on the front switch control panel.

Does your bid comply? Yes ☒ No ☐

5.18 Exterior Compartment Latching Mechanism: All compartments shall have a latching mechanism with the following characteristics:

- (A). The locking device shall be EBERHARD SERIES 400 ROTARY STYLE LATCHES.
- (B). All exterior compartments shall have near flush stainless paddle handles with rotary type latches. These rotary style locks shall lock on to a "NADER" type pin located in the door frames. Nader pins shall be adjustable. Locking systems not using the above style hardware will be unacceptable.
- (C). The module curbside and rear entry doors shall have stainless steel, locking, paddle style handles with rotary latches and "NADER" pins.
- (D). All of the above latches must be installed with a corrosion barrier type gasket between latch and door surfaces. .3125" cold-rolled steel connecting rods shall be used

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between the paddle handle and the rotary latches. These rods shall be threaded at the latch end to allow the latch control arm to be screwed into the rod itself. The other end of the rod shall have a flattened section with a hole for the handle pin. Systems using pulleys, cables or turnbuckles are not acceptable, and will be rejected. No exceptions to the above requirements will be allowed.

Does your bid comply? Yes ☒ No ☐

- 5.19 Compartment Construction: All compartment top, sides and back panels must be a minimum thickness of .100 diamond plate aluminum with an alloy of 3003 temper. Bottom of compartment must be .125 diamond plate aluminum. Each compartment must be built as an individual unit, no common walls between compartments will be allowed. All compartment joints must be sealed after MIG or TIG welding.

Does your bid comply? Yes ☒ No ☐

- 5.20 Compartment Shelving: Outside compartment shall have the following minimum requirements:

- (A). All shelving to be fabricated from .125" - 3003 "Tread Brite" diamond plate with retainer lips of 2" in height showing diamond plate on exposed surface.
- (B). Shelving to be supported by four (4) heavy duty angle brackets attached to four (4) full height formed vertical channel tracks (2 per side). Interior flanges of channel tracks to be serrated to insure positive locking of shelf position and prevent shakedown of shelving during transit under heavy loads.
- (C). Easy adjustment of shelf position to be accomplished by loosening four (4) bolts.

Does your bid comply? Yes ☒ No ☐

- 5.21 Body Trim: The following fixtures shall be added to the module shell for body protection and enhanced appearance. All items to be constructed of a minimum .125" thick bright polished aluminum tread plate with a minimum alloy property of #3003. All trim shall be attached with stainless steel screws or bolts and shall consist of the following:
- (A). Radius formed diamond plate corner guards on all four corners with a minimum height of 10 inches.
  - (B). 2" high by 1" wide boxed rub rails with tapered, closed ends shall be installed at the bottom edge on each side of the body. Rub rails are to be bolted on for ease of replacement and shall be spaced away from body .125" to prevent forming a dirt trap.
  - (C). An 8.5" high diamond-plate liner shall fully encase all sides and bottom of the side step entrance well. Corner seams of this liner shall be MIG or TIG welded to insure a watertight, flushable type step well.
  - (D). A full height, full width rear diamond plate kick plate shall be installed from the rear step to the bottom of the rear doors.
  - (E). An aluminum open grip strut step with individual diamond plate end caps shall be installed at the rear loading doors. Step to be non-flexing and shall pivot upward by means of a full width stainless steel hinge. End cap pod framework to be constructed of 2" x 3" steel closed tube, corner braced and welded to main frame.
  - (F). A cast aluminum fender flare shall be installed at each modular wheel well opening. The flare shall provide additional body protection and shall be installed in such a manner as not to rub the rear tires.
  - (G). Extruded drip rails shall be installed above all exterior compartments. These drip rails shall be attached in such a manner to provide quick and easy replacement. They shall not be riveted, welded, or integral to the door frame extrusion.
  - (H). Recessed polished cast aluminum fill guards shall be installed at the gas fill openings in the streetside of the module.

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Does your bid comply with "A" thru "H"? Yes ☒ No ☐

- 5.22 Floor: The sub floor of module body shall .090 inch 5052-H32 aluminum securely welded to the wall structures and exterior compartment.

Does your bid comply? Yes ☒ No ☐

- 5.22.1 Over the aluminum sub-floor there shall be a one-piece top floor of .75 inch exterior grade plywood with solid cross-band. This shall be securely anchored to the sub-floor by #8 x 1.5" floor screws. The flooring shall extend the full length and width of the patient compartment, including the space under the cabinets.

Does your bid comply? Yes ☒ No ☐

- 5.23 Floor Covering and Color: The floor covering shall be a heavy duty, quality grade floor vinyl requiring a minimum of service yet completely water and detergent proof. This covering shall be Altro VM20 Safety flooring of a color that compliments the color scheme of the interior. The flooring shall extend the full length and width of the patient compartment and be rolled up the sides of the squad bench and streetside cabinets 4 inches.

Does your bid comply? Yes ☒ No ☐

- 5.24 Stepwell (side door): The curb side door stepwell shall be automatically lit when the side or rear doors are opened. The stepwell shall be finished with highly polished aluminum diamond plate.

Does your bid comply? Yes ☒ No ☐

- 5.25 Front Wall Pass-Through: There shall be a pass-through between the driver and patient compartments. This pass-through shall be accomplished by the addition of an aluminum collar bolted to the back of the cab and an accordion style boot secured to the face of the module and the aluminum collar. The aluminum collar shall be isolated from the steel cab with a closed cell polyethylene tape to prevent electrolysis of dissimilar metals. The collar shall be sealed on the module side by means of a vulcanized rubber, accordion style seal. The rubber seal shall be attached to the module and the collar by the "C"-clip mounting flange integral in the rubber seal. Aluminum diamond plate covers shall be mounted on the exposed portion of the chassis frame rails to provide protection for wiring and an esthetically pleasing trim between the cab and module

Does your bid comply? Yes ☒ No ☐

- 5.26 Insulation: The entire ambulance body, sides, ends, and roof of the patient's compartment shall be insulated to meet or enhance the environmental criteria specified in Federal Specifications KKK-A-1822D. The insulation shall be a sprayed in place foam material which is installed in the floor, walls and ceiling. The doors shall be insulated with at least 1.75" of lank foam. This insulation shall not interfere with the workings of the door latching hardware.

Does your bid comply? Yes ☒ No ☐

- 5.27 Interior Surfaces: The interior of the patient compartment shall be free of all sharp projections. Exposed edges and corners shall be broken with a radius or chamfer. All hinges or supports for equipment and devices shall be mounted as flush as possible with the surrounding surface when not in use. Padding shall be placed

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at all head area obstructions which may prove dangerous to persons moving about in the patient compartment. Other exposed edges shall be broken with a least .125" radius or chamfer and at least a .50 inch radius aluminum extrusion on exposed corners.

Does your bid comply? Yes ☒ No ☐

- 5.27.1 The finish of the entire patient compartment, including storage cabinets and equipment, shall be impervious to soap and water, disinfectants, mildew and shall be fire resistant as per FMVSS 302. The color of the interior shall be chosen by this Agency from samples provided by the successful Bidder.

Does your bid comply? Yes ☒ No ☐

- 5.27.2 An additional work shelf will be located aft of the CPR seat. This area will accommodate a LP10 monitor and will include one 115VAC receptacle and one 12VDC receptacle. The cabinet directly above this area will be accessible by sliding plexiglass doors both from the aisle and from the side directed at the CPR seat.

Does your bid comply? Yes ☒ No ☐

- 5.27.4 The ALS cabinet will be fitted with matching 3/8" dual plexi-glass doors. There will be a Hartwell latching device to secure each door locate (1) at the top and (1) at the bottom of each door.

Does your bid comply? Yes ☒ No ☐

- 5.28 Interior Storage Accommodations: The interior of the patient compartment shall provide but not be limited to a minimum volume of 50 cubic feet of enclosed storage cabinetry, compartment space and shelf space, which shall be conveniently located for medical supplies, devices or other equipment. All interior cabinets shall be fully lined inside with white plastic laminate. Carpet or other linings are unacceptable. Refer to interior drawings at the conclusion of this text for detailed information as to cabinet size and location. Since this agency is very concerned about standardizing the location of various equipment and supplies, it is important that the interior layout be followed as closely as possible. Alternate or standard layouts may not meet the requirements of this agency and may be cause for rejection of the bid.

Does your bid comply? Yes ☒ No ☐

- 5.29 Location of Medical Equipment and Supplies: The equipment and supplies necessary for airway care, artificial ventilation, oxygenation and suction shall be within easy reach of the technician at the head of the stretcher.

Does your bid comply? Yes ☒ No ☐

- 5.30 Exterior Storage Accommodations: The ambulance shall be equipped with exterior compartments as shown in the drawings at the conclusion of this text. Since the location of equipment is of prime importance to this agency, the sizes and location of the various compartments required is necessary as shown. Deviations from the compartments as shown are not acceptable and may be cause for rejection of the bid.

Does your bid comply? Yes ☒ No ☐

- 5.30.1 The exterior compartments shall be lockable with one key fitting all. They shall be

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equipped with the handle and door locks as described in paragraph 5.18. Each exterior compartment shall be automatically lighted when the door is opened and shall activate the "compartment door" open warning light on the driver's console. The unit shall be wired so that only the light in the compartment that is open will be activated.

Does your bid comply? Yes ☒ No ☐

- 5.30.2 The exterior backboard storage compartment(s) shall be manufactured entirely of aluminum diamond plate material.

Does your bid comply? Yes ☒ No ☐

- 5.31 Storage Compartments and Cabinet Design: Storage cabinets, drawers, and kits shall be easily opened, but shall not come open in transit. Where specified the storage cabinets shall have shatterproof Plexiglas doors set in an extruded anodized aluminum frame. This frame shall encompass all four sides of the opening creating a "picture" frame appearance and will incorporate a replaceable track section. The Plexiglas used in these compartments shall be at least .1875" thick. Opening the sliding doors shall be facilitated by full height extruded aluminum handles affixed to one end of each Plexiglas door.

Does your bid comply? Yes ☒ No ☐

- 5.31.1 Where specified there shall be adjustable shelves in the cabinets. The cabinets shall be of .75 inch exterior grade plywood, glued, screwed and stapled together, and shall be covered on all surfaces and edges with plastic laminate. Cabinet latches, where specified, shall be Hartwell positive closure latches. The use of slam type paddle latches, except on the squad bench, is not acceptable. At least one compartment shall have a locking latch. This agency shall choose the color scheme from samples supplied by the successful Bidder. Fiberglass, metal, plastic or particle board cabinet construction shall be unacceptable. These cabinets shall be firmly anchored (bolted) to the tapping plates found in the ambulance structure.

Does your bid comply? Yes ☐ No ☒

- 5.31.2 The technician's work or "action" area shall be of the size shown in the drawings and shall provide space for the installation of needle disposal and/or hazardous waste containment devices.

Does your bid comply? Yes ☒ No ☐

- 5.31.3 The locking drug cabinet will be located below the technicians seat. This door will hinge from the bulkhead side and lock on the patient side of the seat.

Does your bid comply? Yes ☒ No ☐

- 5.32 Squad Bench: The squad bench shall be constructed of .75" exterior grade plywood and covered with laminated plastic. The squad bench shall have a padded seat cushion covered with heavy duty vinyl. This cushion shall be a minimum of 3 inches thick. The cushion shall provide a smooth surface for ease of cleaning and disinfecting (Note: "Hot Press" type pleating is unacceptable.)

Does your bid comply? Yes ☒ No ☐

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- 5.32.1 The squad bench lid is to be split with at least one (1) piece openable, with an automatic hold open device. The squad bench is to have a full length backrest covered with matching heavy duty vinyl.

Does your bid comply? Yes ☒ No ☐

- 5.32.2 There shall be three (3) sets of seat belts, with automotive style retractors, on the bench so as to secure three persons seated or one patient on the secondary litter.

Does your bid comply? Yes ☒ No ☐

- 5.32.3 There shall be a storage area beneath the seat, lined with rubber mat and laminate and capable of storing a scoop stretcher, backboards, traction splints, etc. No wheel and post shall be installed on the squad bench lid. All squad bench corners shall have aluminum plates installed so as to prevent damage when loading or removing cots and equipment. These protection plates shall be bright metal.

Does your bid comply? Yes ☒ No ☐

- 5.33 Technician Seat: The technician seat shall be mounted on the partition bulkhead positioned so that the technician, when seated, is located at the head of the primary cot facing the patient. There shall be a minimum of 25 inches and a maximum of 30 inches clearance at floor level between the head of the cot and the technician seat backrest. Seat construction shall be of the same materials and type as the squad bench. The technician's seat base shall be lined with the same white plastic laminate as the interior of the medical cabinets. The cabinet shall provide approximately 1.83 cubic feet of storage space. Access to storage shall be through a bulkhead side hinged wood door facing the curbside of the patient compartment. The seat cushion shall be a minimum of 18 inches square. The backrest shall be same width as the seat and incorporate a headrest as well. A technician's seat belt shall be provided with automotive style retractors.

Does your bid comply? Yes ☐ No ☒

- 5.33.1 CPR SEAT: There will be a CPR seat located on the curbside wall. This seat will contain an under seat storage area with the seat being hinged for access. The seat back will fold down for addition shelf space if required.

Does your bid comply? Yes ☐ No ☒

- 5.34 Ceiling Headliner: The ceiling headliner shall be foam padded upholstery material. The headliner shall have an access panel full length to facilitate repairs and maintenance of the main electrical wiring loom in the patient compartment.

Does your bid comply? Yes ☒ No ☐

- 5.35 I.V. Hangers: There shall be two (2) Cast 2012 fold down style brackets with Velcro retaining straps securely fastened to the headliner, (1) over primary cot and (1) over the squad bench. There will be adequate clearance between the bag holders and the ceiling to eliminate any/and all interference with the mounting or removal of IV bags.

Does your bid comply? Yes ☒ No ☐

- 5.36 Oxygen Main Supply: The ambulance shall have a hospital type piped oxygen system capable of storing and supplying a minimum of 3000 liters of medical oxygen.

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The cylinder controls shall be accessible from inside the vehicle. The pressure gauge shall be visible through a Plexiglas access door. Oxygen shall be piped to a self-sealing duplex oxygen outlet station located in the action wall area and to a single outlet located over the head of the squad bench of the patient compartment. The style of the outlets shall be the purchaser's choice and shall be compatible with the purchaser's other oxygen powered equipment. O2 retention bracket will accommodate an "H" cylinder.

Does your bid comply? Yes ☒ No ☐

- 5.37 Suction Aspirator: The vehicle shall be equipped with an on-board aspirator, Rico Model RS-4X, with 1000ml disposable receptacle. Vacuum shall be provided by a Thomas 12 volt electric vacuum pump mounted in an outside compartment and controlled by a low voltage rocker switch on the rear switch control panel. The pump shall be mounted in a manner to reduce noise and vibration in the top front corner of streetside compartment #2.

Does your bid comply? Yes ☒ No ☐

- 5.37.1 The suction aspirator system shall provide a free air flow of at least 20 LPM and achieve a minimum of 300 mm Hg Vacuum within four (4) seconds after the suction tube is clamped off. The system includes a vacuum control and shut-off valve for manual control of vacuum flow.

Does your bid comply? Yes ☒ No ☐

- 5.38 Environmental Controls: The ambulance shall be equipped with factory installed heater and air conditioner in the driver's compartment. The ambulance manufacturer shall also install a rear air conditioning unit and separate heater in the patient compartment. Control of the temperature in the patient compartment shall be by a thermostat located near the rear switch control panel and by a three (3) position fan switch on the panel.

Does your bid comply? Yes ☒ No ☐

- 5.38.1 The air conditioner/ heater shall be positioned over the ALS cabinet in the right front of the patient compartment with controls accessible to the ambulance technician. The unit shall include a heavy-duty style cooling unit capable of a minimum capacity of 26,000 BTU and a fan having a minimum of capacity of 450 CFM.

Does your bid comply? Yes ☒ No ☐

- 5.39 Antennas: There shall be four (4) RG-58U antenna coax leads extending from the ceiling of the module and terminating behind the driver's seat in the cab. There will be 20 amp 12VDC (+) and (-) wiring provided for each antenna prewire.

Does your bid comply? Yes ☒ No ☐

- 5.40 Siren - Public Address System: The ambulance shall be equipped with 2 Whelen WS-295 HFR remote amplifier electronic sirens. Functions of the sirens shall include radio rebroadcast, PA, horn/siren operation, manual operation with push-button control, wail, yelp and piercer tones. The siren control head shall also indicate the function of each speaker and provide for manual adjustment of the microphone volume. Two (2) 100 watt speaker drivers shall be installed on the extended front bumper. The speakers will be Whelen SA390RF. The speakers shall not protrude beyond the face of the bumper or bumper guards and one speaker will be wired to each siren. The system as installed shall meet the minimum requirements of Federal Specification KKK-A-1822D.

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Does your bid comply? Yes ☒ No ☐6.0 ADDITIONAL SYSTEMS, EQUIPMENT, ACCESSORIES AND SUPPLIES:

- 6.1 Standard Mandatory Miscellaneous Equipment: Unless otherwise precluded elsewhere in this specification, the ambulance shall be equipped with but not limited to the following: No Smoking Signs: Two (2) "No Smoking Oxygen Equipped" signs.

Does your bid comply? Yes ☒ No ☐

- 6.1.1 Fasten Seat Belt Signs: Two (2) "Use Of Seat Belt Required" signs.

Does your bid comply? Yes ☒ No ☐

- 6.2 Overhead Grab Rail: Minimum 96 inches long, maximum 4 inch depth, on the ceiling over the primary patient, contour rolled at each end with no protruding sharp edges.

Does your bid comply? Yes ☒ No ☐

- 6.2.1 Handicap style assist handles: There will be a 1.25" slanted "V" handicap style assist handle mounted on each patient compartment entry door.

Does your bid comply? Yes ☒ No ☐

- 6.3 Paint: The ambulance shall be painted shall be in accordance with KKK-A-1822D specifications for Preparation and Painting. Standard paint stripe shall include one (1) 11" wide red belt (FLNA 3221) with one .250" black pinstripe. Only a polyurethane, base coat/clear coat paint system PPG Deltron shall be used to paint the modular body. Prior to painting, the entire module shall be carefully ground to remove all welding slag and major scratches in body surface, shall then be washed with DX440 wax and grease remover to remove all oil, dirt and grease left over from the manufacturing process. The entire module shall be sanded with 80 grit on a DA, body filled and then re-sanded. Next the module shall be primed with DP36, then with DP40 self-etching primer and washed with DX330. The entire module will be painted with three (3) coats of Basecoat and two-three (2-3) additional coats of DCU 2001 urethane Clear Coat.

Does your bid comply? Yes ☐ No ☒

- 6.3.1 The paint shall be warranted for a period of Four (4) years from the date of delivery against Peeling or Delamination of the topcoat and/or others layers of paint, Cracking or Checking, loss of Gloss caused by cracking, checking and hazing, or any other paint failure caused by defective finish. NO EXCEPTIONS.

Does your bid comply? Yes ☒ No ☐

- 6.4 Decals: The following decals will be provided with the vehicle:

- (A). (1) block type, "AMBULANCE", blue, 4" high reverse image.
- (B). (3) block type, "AMBULANCE", blue, 6" high.
- (C). (2) block type, "Star of Life", blue, 4" high.
- (D). (2) block type, "Star of Life", blue, 12" high.
- (E). (2) block type, "Star of Life", blue, 16" high.
- (F). (1) block type, "Star", blue, 32" high
- (G). (2) block type, "WILLIAMSON COUNTY", 5" on each side
- (H). (2) block type, "EMERGENCY MEDICAL SERVICES, 4" on each side

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MILE-HI T. FIRE EQUIPMENT, INC.  
1100 N. Industrial Blvd.  
Round Rock, Tx. 78681

Does your bid comply? Yes ☒ No ☐

- 6.5 Waste and Sharps: There will be a waste disposal port installed in the action area. Access to the designated receptacle will be from outside compartment #2. No interior access will be permitted.

Does your bid comply? Yes ☒ No ☐

- 6.6 Stretcher mount: There will be a dual position stretcher mount installed to accommodate a Ferno Washington 93ES. There will be stainless steel cot wheel plates installed to protect the floor from excessive wear.

Does your bid comply? Yes ☒ No ☐

- 6.7 Stretcher: Ferno Washington 93ES.

Does your bid comply? Yes ☒ No ☐

- 6.8 Clock: Franklin 24 hour clock located over the rear doors.

Does your bid comply? Yes ☒ No ☐

- 6.9 Fire Extinguisher: One 5# ABC fire extinguisher will be provided.

Does your bid comply? Yes ☒ No ☐

- 6.10 Auxiliary Heater: A 115VAC heater will be mounted in the base of the squad bench at the patients head position..

Does your bid comply? Yes ☒ No ☐

#### 7.0 CHASSIS PROCUREMENT:

To insure chassis procurement directly from the chassis manufacturer, the ambulance manufacturer must be a chassis bailment pool company and have a certified bailment pool account number.

Does your bid comply? Yes ☐ No ☒

- 7.1 Manufacturer's Quality Standards: To assure purchaser that engineering, manufacturing and quality control procedures have been verified and approved by chassis manufacturer, the ambulance manufacturer must be a Ford Motor Company Q.V.M. (Quality Vehicle Manufacturer) approved and certified manufacturer. A copy of the certification shall be included with the bid. NO EXCEPTIONS.

Does your bid comply? Yes ☒ No ☐

- 7.2 Manufacturers Proof of Certification: This bid specification is based on the Federal ambulance specification KKK-A-1822D, effective January 1, 1990. A copy of manufacturer's approved certification testing from Atlanta Testing and Engineering or other qualified testing facility shall be included with the bid. NO EXCEPTIONS.

Does your bid comply? Yes ☒ No ☐

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MILE-HI T. FIRE EQUIPMENT, INC.  
1100 N. Industrial Blvd.  
Round Rock, Tx. 78681

- 7.3 Manufacturer's Factory Service Center: Bidders will provide the name, location, phone number and contact at their authorized service facility along with a list of ten references (Organization, phone and contact name) who have utilized this service in the last eight months.

Name of Facility: Mile-Hi T Fire Equipment, Inc.

Street Address: 1100 N. Industrial

City, State, Zip Code: Round Rock, Texas 78681

Contact Name: Bill Hurley

Phone Number: 800/543-4638 or (512) 244-0099

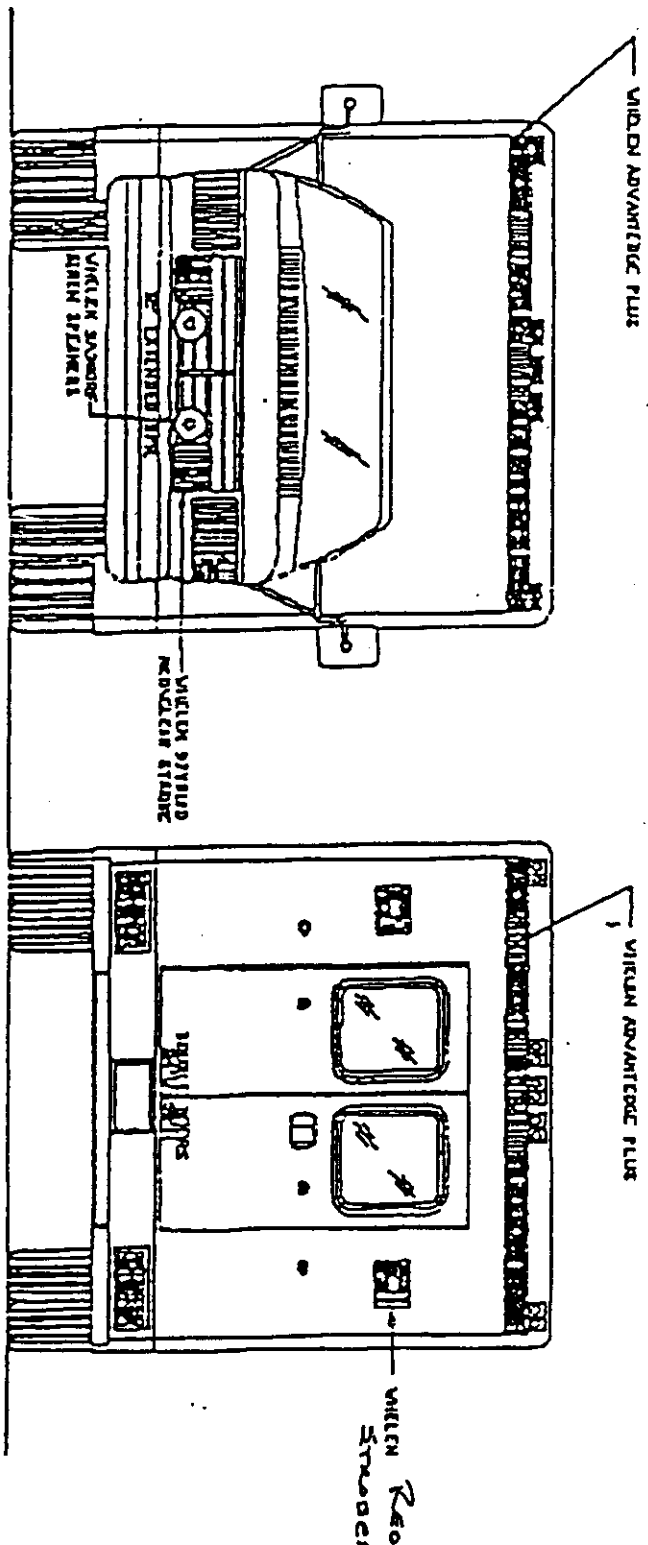
References:

1. Round Rock Fire Dept. Capt. Burton (512) 218-5590
2. Sam Bass VFD Chief Richard Raymond (512) 624-2788 (pager)
3. Hudson Bend Fire Dept. Chief Watson (512) 266-2533
4. Williamson Co. EMS John Sneed (512) 930-3366
5. Austin Fire Dept. Alex Trevino (512) 469-0167
6. Houston Fire Dept. Joe Nichols (713) 247-8717
7. Baytown Fire&Rescue John Adkins (281) 422-2311
8. Red River Army Depot Tony Coffey (903) 334-3293
9. Hutto VFD John Coats (512) 930-4790
10. Jollyville Fire Dept. John Golding (512) 258-1038

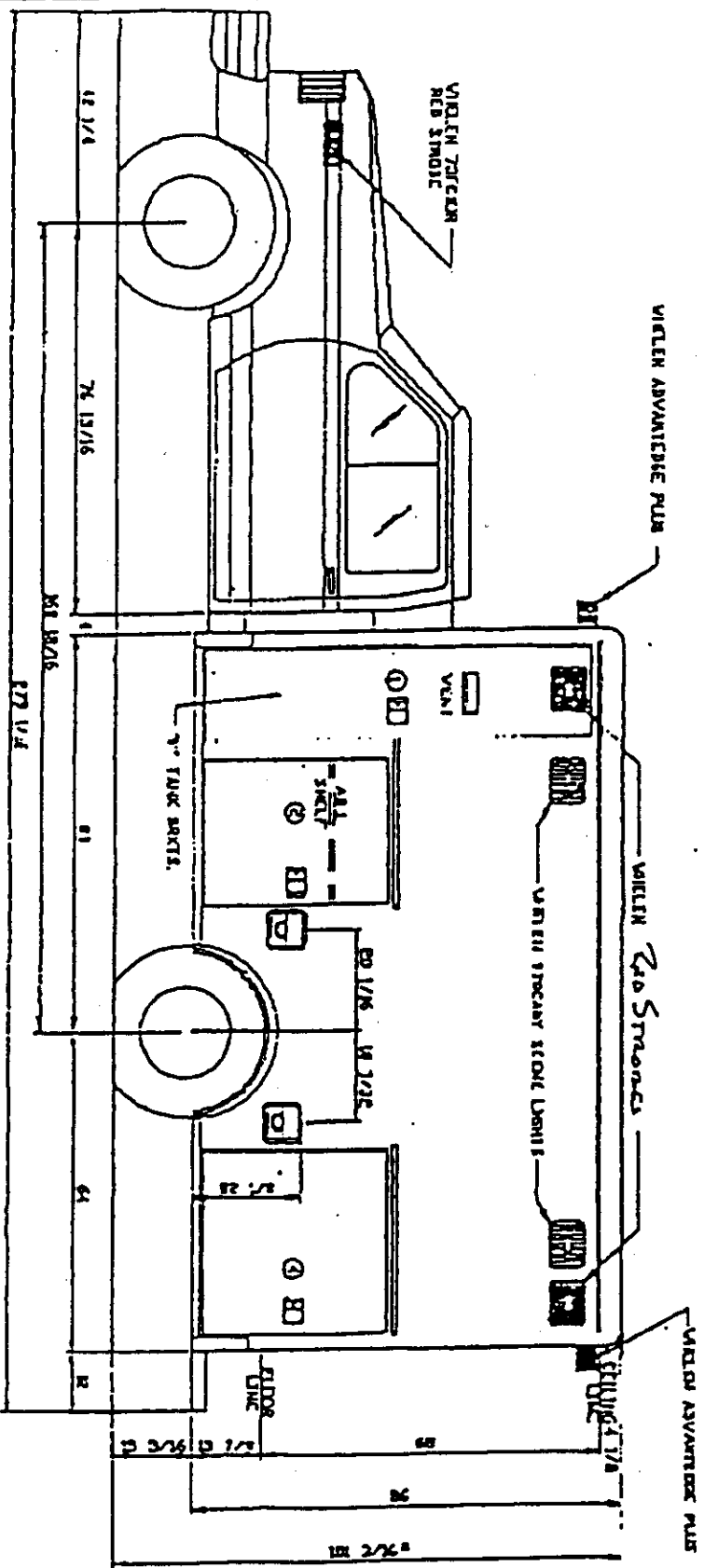
**EVALUATION:** Location of a manufacturers existing, fully functional and staffed service center will be a consideration in the evaluation of this bid.

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MILE-HI T. FIRE EQUIPMENT, INC.  
1100 N. Industrial Blvd.  
Round Rock, Tx. 78681



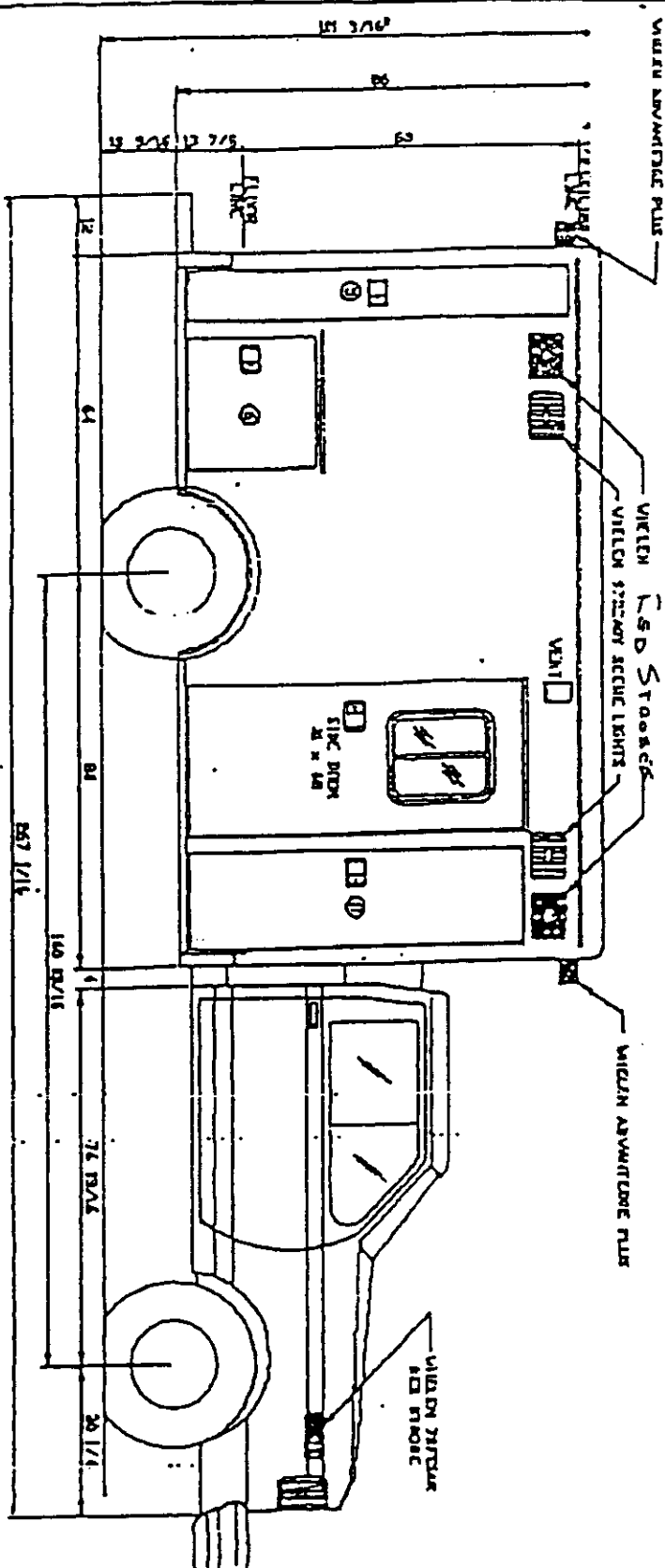
TYPE 1 CLASS 1 MEDICAL VEHICLE			
BODY 14'4" L x 9'4" V x 86" H - NON-VALK - THRU-68" HEADROOM			
FRONT & REAR VIEWS	01-04-95	CW1	M1252-C



COMPARTMENT SIZES INSIDE DIMENSIONS				DOOR SIZES	
COMPART. TYPE	WIDTH	HEIGHT	DEPTH	WIDTH	HEIGHT
1 MEDICAL/STORAGE COMP.	10 5/8	79 1/2	18 1/4	18 1/2	77 1/2
2 GEN. STORAGE	30	39	18 1/4	29	37
4 GEN. STORAGE	38	39	10 1/4	37	37

TYPE 1 CLASS 1 MEDICAL VEHICLE	
BODY,144"Lx94"Wx86"H-NDN-WALK-THRU-68" HEADROOM	
TIRE,EE8BE-ELEVATION...	01-04-95-ENH-M11250-C

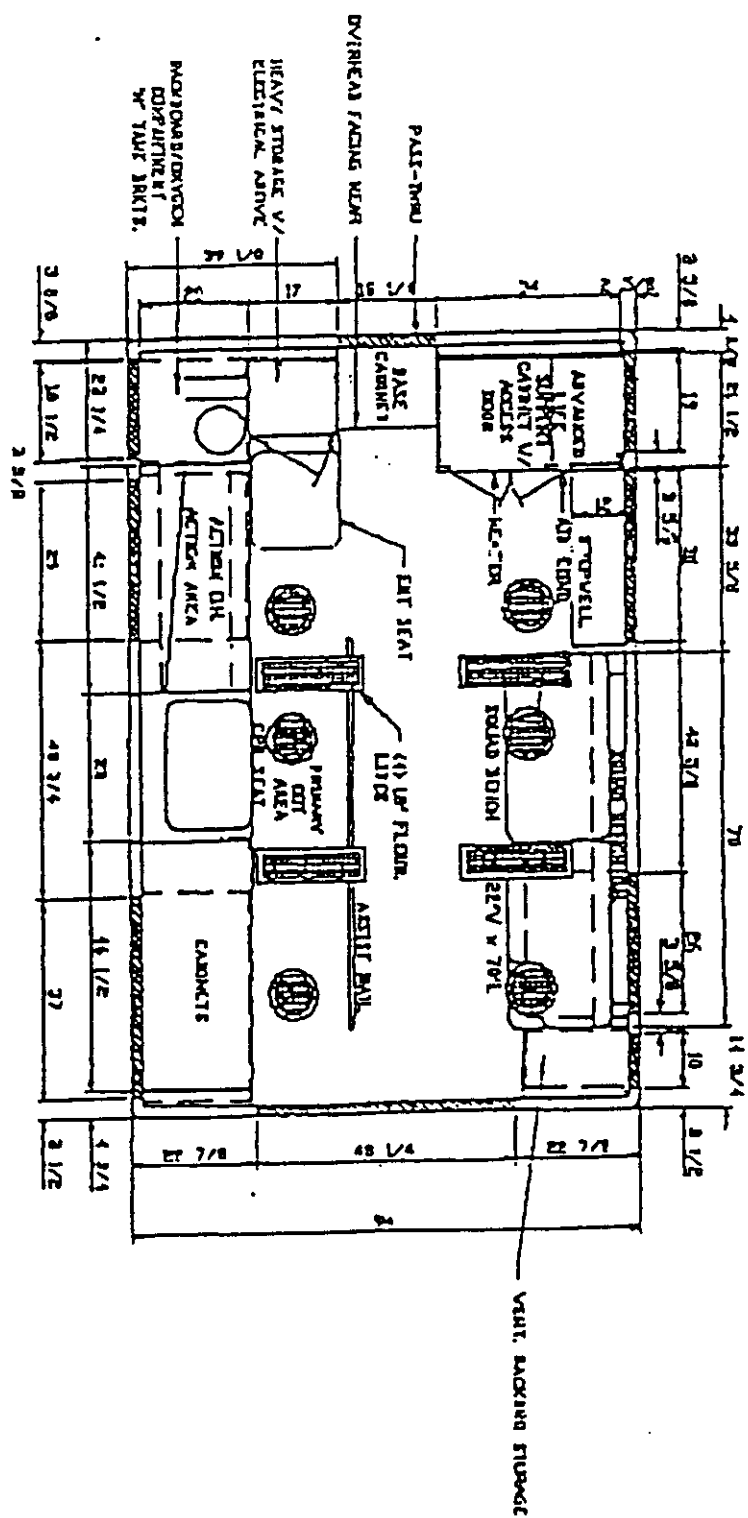




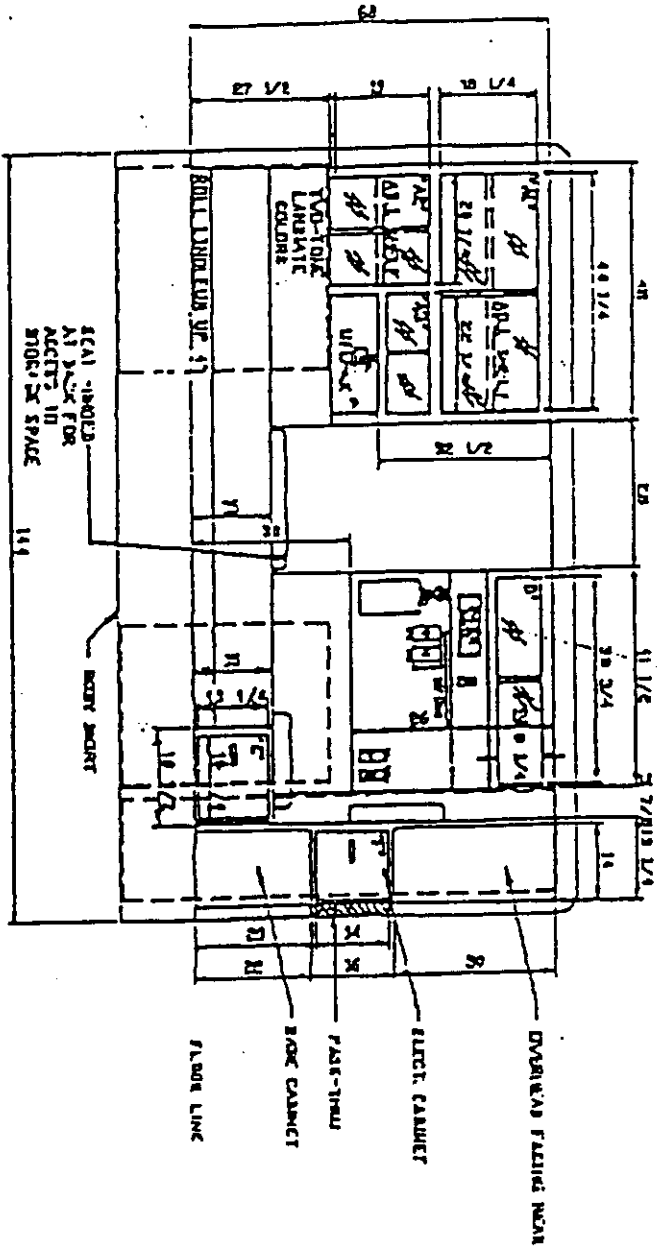
ST-HIGHT AT 6'6" MAY INCREASE BY 3" IF MAX HEIGHT IN VENT OF PAYLOAD

COMPARTMENT SIZES INSIDE DIMENSIONS					DOOR SIZES	
NO.	COMPART. TYPE	WIDTH	HEIGHT	DEPTH	WIDTH	HEIGHT
1	BACKBOARD STOR.	10	79 1/2	20 1/4	10	77 1/2
2	GEN. STORAGE	27	20	10 1/4	26	26
3						
4						
5						
6						
7						
8	UNDERCOUNTER	20 1/4	61 1/8	30 1/2	19	60

TYPE 1 CLASS 1 MEDICAL VEHICLE	
BODY44'Lx94"WxB6'H-NDN-WALK-THRU-68" HEADROOM	
CURBSIDE ELEVATION	01-04-95 CAIL H11251-C

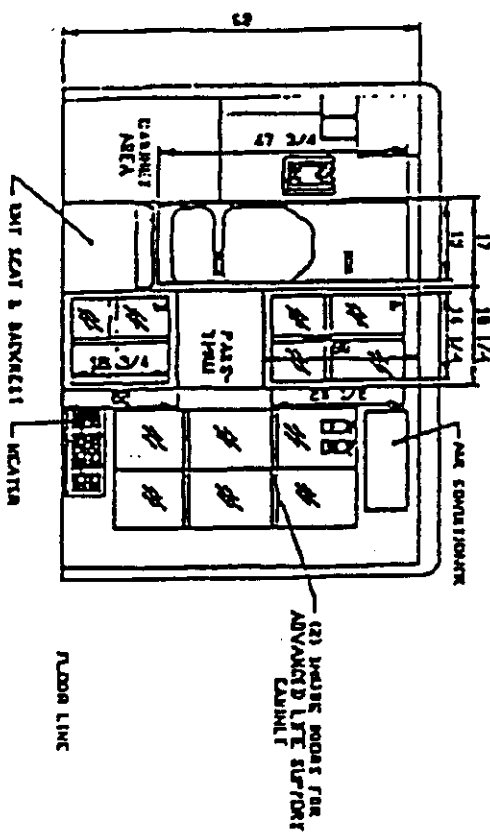


TYPE 1 CLASS 1 MEDICAL VEHICLE		
BODY 144" L x 94" V x 86" H - NDN - VALK - THRU - 68" HEADROOM		
PLAN OF PATIENT AREA	01-04-95	CMH H11253-C

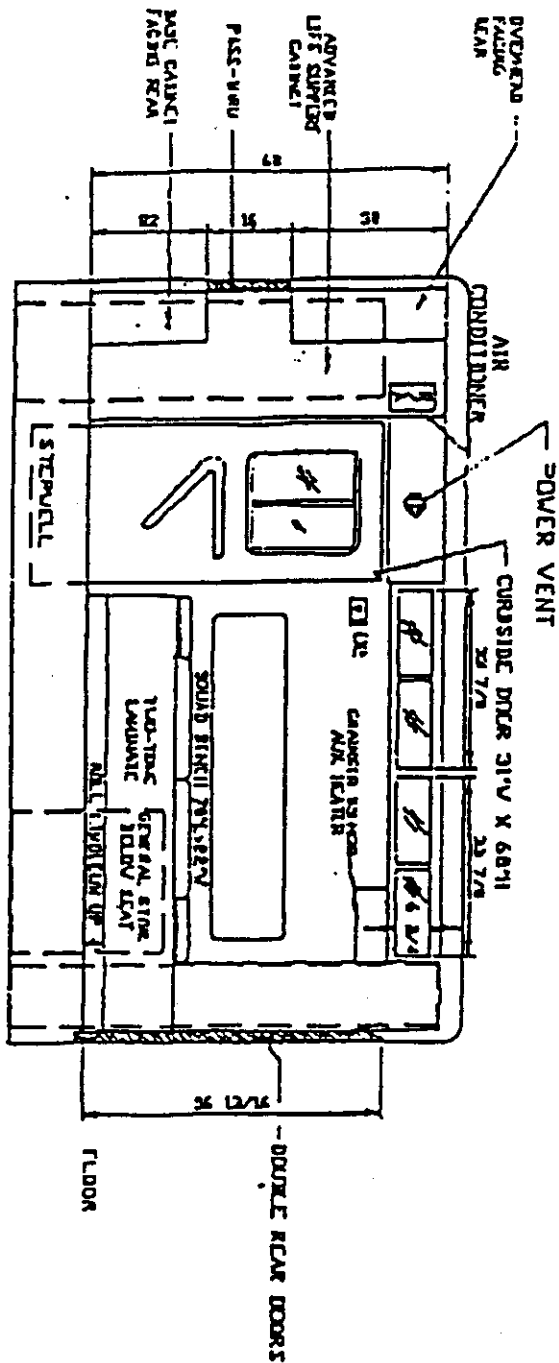


CABINETS & STORAGE (INSIDE DIMENSIONS)					COMMENTS
CAB./	STORAGE TYPE	WIDTH	HEIGHT	DEPTH	
A1	GEN. STORAGE	45 1/2	18 3/4	19	WOOD SHELV
A2	GEN. STORAGE	21 1/2	20	18 3/4	WOOD SHELV
A3	GEN. STORAGE	23 1/2	10 1/2	18 3/4	
D	DRUG STORAGE	40 1/2	11	15	
E	DRUG BOX	17	13 1/2	15 1/2	
F	ELECTRICAL	14	87	16	

TYPE I CLASS I MEDICAL VEHICLE	
DDDD447Lx94"Vx86"H-NDN-VALK-TIKU-68" HEADROOM	
CABINET WALL	01-04-85 CMH N11254-C



TYPE 1 CLASS 1 MEDICAL VEHICLE			
800X144'Lx94'Vx86'H-NON-VALK-THRU-68" HEADROOM			
FRONT ELEVATION	01-04-95	CHUI	NIIESS-C



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TYPE 1 CLASS 1 MEDICAL VEHICLE.

DDDT444'LM94'VX86'11'-NON-VALK-TIRU-68' IEA11R00H

SQUAD BENCH SIDE

01-04-95

CH11

M1256-C

# Williamson County

EMS DEPARTMENT

REMOUNT-SPECIFICATIONS

EMERGENCY MEDICAL VEHICLE  
TYPE I, CLASS I (4x2)

144" x 95"  
PASS-THROUGH

DESIGNED TO MEET OR EXCEED  
FORD MOTOR CO. QVM REQUIREMENTS

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# REMOUNT CONVERSION PASS-THROUGH

## SPECIFICATIONS

### CHASSIS

1997 FORD F-350 Cab/Chassis, XLT Lariat trim  
 161" Wheelbase, 11,000# GVWR, Dual rear wheel  
 7.3L turbo-charged diesel  
 Auxiliary Powertrain Control (APC) module, 215 Amp Mitsubishi alternator  
 Dual batteries (1700) CCA  
 4.10:1 rear axle, Wide track, 4400# front axle, 8250# rear axle  
 4-speed auto transmission w/overdrive, Tilt steering, Cruise control  
 Power windows, Power door locks  
 AM/FM electronic stereo radio w/clock  
 Dual fuel tanks-38 gal.total (143.83Liters), Light & Convenience Group  
 Heavy duty air conditioning/cooling  
 Automotive Control "Hot Weather" Package  
 LT215/75R16D tires, Dual electric horns  
 Ambulance Builder's Prep Package - 47A  
 Medium Standard Payload - 1,750 lbs.

### BODY REQUIREMENTS

**COMPARTMENT LATCHES:** Locking paddle type compartment latches will be thoroughly inspected, adjusted, lubricated and repaired as necessary to insure proper operation. All of the stainless steel latch activation rods will be inspected, adjusted and secured to insure the proper operation of each doors rotary locking mechanism.

**ENTRY DOOR LATCHES:** Locking and non locking paddle type module entry latches will be thoroughly inspected, adjusted, lubricated and repaired as necessary to insure proper operation. . All of the stainless steel latch activation rods will be inspected, adjusted and secured to insure the proper operation of each doors rotary locking mechanism.

**FUEL FILL GUARD:** Cast aluminum.

**MIRRORS:** OEM low mount RV style with bolt on convex mirrors.

**MOUNTING HARDWARE:** All mounting hardware will be replaced with new, undamaged equipment. The angle brackets (outriggers) which will attach to the chassis and be used for mounting the module will be newly manufactured to meet or exceed Ford Motor Co. QVM requirements. The mounting bolts and nuts will be minimum 1/2" Grade 8. A minimum of ten (10) set of mounting hardware will be used. New Neoprene rubber mounting pucks will be used between the mounting brackets and the modular body to prevent electrolysis and to provide sound and vibration suppression.

**MUD FLAPS:** Rear wheels, heavy duty rubber.

**PASS-THROUGH, CAB/MODULE:** A new aluminum collar with accordion rubber seal and OEM sliding window cab-side.

**REAR ENTRY DOORS:** New weather strip.

**REAR ENTRY DOOR HOLD OPENS:** New Cast aluminum "Grabber" style.

**REAR STEP BUMPER:** Aluminum flip up with open grate in center section. New rear frame extensions will be utilized, the process of cutting the old chassis frame rails and reattaching is unacceptable. The extensions will be properly (and squarely) cut, beveled and fill welded by a certified welder.

**RUB RAILS:** Aluminum diamond plate. Thoroughly clean.

**SIDE ENTRY DOOR:** New weather strip.

**SPARE TIRE:** Mounted in compartment #4.

WEATHER STRIP: All of the weather strip on each exterior storage compartment and patient entry door will be replaced after the unit has been painted.

WHEELWELL TRIM: Polished aluminum.

### VEHICLE FEATURES

ALTERNATOR: 215 Amp. OEM with internal regulator.

BACK UP ALARM: 97 decibel rating with momentary cut-off switch.

CONSOLE: A new center console will be installed between the driver and passenger seats. The console will contain: the OEM RPM control module recessed in the face, the driver's switch control panel, the original SVP-SA430 siren and an additional SVP SA430 siren. All switches and the switch control mounting panel will be new. There will be a "new", machine punched, brushed stainless steel face plate provided for the installation of all the new switches, the gauges and the required door open warning lights. The electrical system wiring will be inspected and any wiring, connectors or attachments which are burned or need repair will be replaced.

DUAL OEM BATTERIES: 1700 CCA total

MASTER ON-OFF BATTERY SWITCH: Cole Hersee, mounted by driver's seatbase. The battery disconnect switch will de-energize all of the chassis/cab functions except for the glow-plug circuit and the computerized memory circuits. "No" lighting functions will remain active with the batteries turned off.

GAUGES: Ammeter and voltmeter will be mounted in the center console.

HEATER/AIR CONDITIONER: Separate heater and air conditioner for patient compartment with thermostat control in patient compartment. A/C system to be Automotive Climate Control "Hot Weather" package. External condenser for unit will be mounted over the cab and below the light-bar on the face of the module.

INVERTER: Will remain on unit.

RADIO: OEM AM/FM stereo with clock.

SHORELINE: New 115VAC 15amp with mating plug.

THROTTLE: Ford OEM system control module in front console.

VENT, POWER: Verify proper operation of Marine style vent.

115 RECEPTACLES: Should be inspected for proper operation: (2) Duplex lighted hospital grade with GFI protection, (1) in action area and (1) in ALS cabinet.

### WARNING LIGHTS

EXTENDED FRONT BUMPER: A new extended front bumper will be installed. As with the rear bumper, new frame extension material will be welded by a certified welder to the existing OEM frame to form the foundation for the extended bumper. Over the fully welded framing, formed aluminum diamond plate will be used to finish the deck for mounting the speakers and emergency lighting systems.

INTERSECTION LIGHTS: (2) Whelen 73 series red strobe beams w/flanges will be installed.

LIGHT BAR (FRONT): Whelen AdvantEdge Plus: All Strobe; Red/Clear/Red/Clear/Red/Clear/Red

LIGHTBAR (REAR): Whelen AdvantEdge Plus: All Strobe except loads: Red/Clear/Red/Clear Load/Amber/Clear Load/Red/Clear/Red

LOAD LIGHTS: Verify operation and replace bad bulbs or broken lens.

SCENE LIGHTS: Verify operation and replace bad bulbs or broken lens.

SIREN: (2) Southern VP SA430 sirens. One (1) to be moved from old console to new console and the second is an additional siren to be installed in the new console. Sirens will be mounted side by side and each siren will be wired to one of the 100 watt speakers on the front bumper.

SPEAKERS: The pair of polished chrome CP-100 speakers will be moved from the old extended front bumper to the "new" extended front bumper. They will be mounted at approximately a 15° rotation from straight ahead to the outboard side.

GRILLE STROBES: The Whelen Polished aluminum "Y" heads will be mounted on the "new"



extended front bumper. They will be mounted in similar proximity of their current configuration.

**WARNING LIGHTS:** All warning lights will be inspected, verified for operation and any bad bulbs or broken lens will be replaced.

### INTERIOR

**DOMELIGHTS:** (8) halogen lights, (2) rows of four each side, inspect and repair as necessary.

**SPOTLIGHT:** A new Optronics hand held 200,000 CP, hard wired to OEM dash, momentary button switch.

**ACTION AREA LIGHT:** Verify operation of the incandescent light in action area and repair or replace if necessary.

**STEPWELL LIGHT:** (1) Inside step well activated with side door, verify, repair or replace if necessary.

**COT MOUNT:** Ferno Washington model 175-4.

**POST & WHEEL CUPS:** For #11 stretcher on squad bench.

**FLOORING:** Heavy duty vinyl flooring rolled up sides 4 inches.

### OXYGEN, VACUUM & MISCELLANEOUS EQUIPMENT

**ASPIRATOR:** Replace old style suction system with: (1) Rico RS-4X disposable-aspirator, hard plumbed to 12V electric vacuum pump, aspirator collection jar located in action area.

**OXYGEN CYLINDER BRACKET:** Check hardware configuration for proper operation. It should be a set of (2 - 3) metal bands for "H" size cylinder, located in compartment #1.

**OXYGEN OUTLETS:** Test O2 system for leaks: (2) In action area and (1) over squad bench with Ohio quick disconnects.

**OXYGEN WRENCH:** (1) Oxygen wrench should be chained in oxygen compartment.

**VACUUM PUMP:** Verify the operation of the Thomas 12VDC suction pump, repair or replace if necessary.

**12 VDC OUTLETS:** Check 12VDC system for proper operation. Replace or repair as necessary.

### CABINETS & HARDWARE

**ALS CABINET:** Replace the Formica on the ALS / I-O cabinet. It is the bidders responsibility to inspect the vehicle to know the extent of, color and location of materials which have to be replaced.

**TECHNICIAN SEAT:** Reupholster.

**ASSIST RAIL:** Inspect handle and secure as necessary.

**ASSIST HANDLE:** Check all assist handles for proper and secure installation.

**DRUG CABINET:** Inspect lock on drug cabinet and adjust as necessary to insure proper operation.

**IV HOLDERS:** Inspect IV holders and replace or repair as necessary.

**LABELS:** (2) "NO SMOKING" signs, (1) in cab, (1) in patient compartments

(2) "FASTEN SEAT BELT" signs, (1) in cab, (1) in patient compartment.

**SEAT BELTS:** Inspect all belts for damage: (4) Sets of automotive type lap belts, in addition, (3) restraint belts on squad bench for stair chair or stretcher.

**SQUAD BENCH:** Reupholster.

**STRETCHER MOUNT:** Install stretcher mount for 93ES stretcher.

**FLOORING:** Replace rear flooring with Congoleum FloorEver Wear or approved equivalent commercial "No Wax" material.

**STREETSIDE CABINETS:** Replace or repair all streetside Formica which has been damaged, come loose or is missing. It is the bidders responsibility to inspect the vehicle(s) in order to make an accurate assessment of the material required to properly finish this wall.

**UPHOLSTERY:** All upholstery will be replaced.

**PAINT, DECALS, LETTERING**

PAINT COLOR: Main body bright white to match OEM cab.

STRIPE COLOR: 11" Red (FLNA 3221) beltline.

PAINT DESIGN: Center band .250" reflective black pinstripe.

STAR OF LIFE DECALS: Reflective blue scotchlite:

**LETTERING:**

- (A). (1) block type, "AMBULANCE", blue, 4" high reverse image.
- (B). (3) block type, "AMBULANCE", blue, 6" high.
- (C). (2) block type, "Star of Life", blue, 4" high.
- (D). (2) block type, "Star of Life", blue, 12" high.
- (E). (2) block type, "Star of Life", blue, 16" high.
- (F). (1) block type, "Star", blue, 32" high.
- (G). (2) block type, "WILLIAMSON COUNTY", 5" on each side.
- (H). (2) block type, "EMERGENCY MEDICAL SERVICES, 4" on each side.

**DELIVERY**

Each unit will be picked up and delivered upon completion at:

Williamson County EMS  
305 Martin Luther King St.  
Georgetown, TX 78626

**TRADE - IN**

The chassis which is removed will not be returned. A trade-in allowance will be provided for each vehicle.

## Williamson County Specifications/Bid Tally Sheet

Item #	Description	Cost
1	Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 84,699.00 each
2	Remount Emergency Medical Vehicle Type I Class 1 (4X2)	\$ No Bid

### Optional Equipment

Item #	Description	Cost
1	Automotive Climate Control "Hot Weather" Package complete with two (2) spare belts shipped loose.	\$ N½ Bid
2	Electronic door locks on all exterior modular doors, (patient compartment entry as well as storage compartments).	\$ No Bid

Mile-Hi T Fire Equipment for Boardman Emergency Vehicles

**Vendor Name**

Bill Hurley, Dealer

**Name (Printed)**

Bill Hurley  
**Signature**

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## WILLIAMSON COUNTY BID FORM

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Bid Invitation, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: MOOY MILLER AMBULANCE SALES AND SERVICE

Mailing Address: P.O. BOX 381360

City: DUNCANVILLE State: TEXAS Zip: 75138

Telephone: ( 800 ) 242-1822 Fax: ( 972 ) 228-0591

Ray Bogges Date of Bid: 10-28-97  
Signature of Person Authorized to Sign Bid

Name and Title of Signer: RAY BOGGESS, FACTORY REPRESENTATIVE  
(Please Print or Type)

## PLEASE COMPLETE THE FOLLOWING:

Prompt Payment Discount: \_\_\_\_\_% \_\_\_\_\_days. (If no discount is offered, Net 30 will apply.)

[ ] Bidding on "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)

[ ] Bidding on low item basis. (Will accept award on "any or all" low bid items.)

List Additional Limitations if applicable: \_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

## Williamson County Specification/Bid Tally Sheet

Item #	Description	Cost
1	Emergency Medical Vehicle Type I Class 1 (4x2)	\$72,763.00 Ea.
2	Remount Emergency Medical Vehicle Type I Class 1 (4x2)	\$42,859.00 Ea. Net

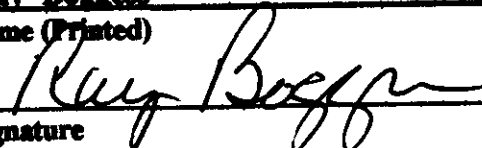
### Optional Equipment

Item #	Description	Cost
1	Automotive Climate Control "Hot Weather" Package complete with two (2) spare belts shipped loose.	\$1,935.00 Each
2	Electronic door locks on all exterior modular doors, (patient compartment entry as well as storage compartments)	\$1,145.00 Each

**McCoy Miller Ambulance Sales and Service**  
Vendor Name

**Ray Boggs**  
Name (Printed)

Signature



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**WILLIAMSON COUNTY BID FORM**

**The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Bid Invitation, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.**

**NAME OF BIDDER:** Professional Ambulance Sales & Service

**Mailing Address:** 1115A E. Mansfield Hwy.

**City:** Kennedale **State:** TX **Zip:** 76060

**Telephone:** (800) 561-6070 **Fax:** (817) 572-9709

Signature of Person Authorized to Sign Bid

**Date of Bid:** 27OCT97

**Name and Title of Signer:** Pat Patterson, Owner

(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

**Prompt Payment Discount:** n/a %        days. (If no discount is offered, Net 30 will apply.)

**[ ] Bidding on "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)**

[ ] Bidding on low item basis. (Will accept award on "any or all" low bid items.)

List Additional Limitations if applicable:

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

VOL 0093 PAGE 181

**Williamson County  
Specifications/Bid Tally Sheet**

Item #	Description	Cost
1	Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 73,779.00 each
2	Remount Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 36,190.00 ea. including trade-in

**Optional Equipment**

Item #	Description	Cost
1	Automotive Climate Control "Hot Weather" Package complete with two (2) spare belts shipped loose.	\$ 1,500.00 on new unit \$1,825.00 on remount
2	Electronic door locks on all exterior modular doors, (patient compartment entry as well as storage compartments).	\$ 770.00 on new or remount

Professional Ambulance Sales & Service  
**Vendor Name**

Pat Patterson

**Name (Printed)**

**Signature**

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## WILLIAMSON COUNTY BID FORM

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Bid Invitation, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: SAN ANTONIO AMBULANCE SALES, INC.

Mailing Address: 14035 DUBLIN SQUARE

City: SAN ANTONIO State: TX Zip: 78217

Telephone: ( 800 ) 788-1403 Fax: ( 210 ) 653-9486

 Date of Bid: OCTOBER 28, 1997  
Signature of Person Authorized to Sign Bid

Name and Title of Signer: JOHN M. HUBER  
(Please Print or Type)

### PLEASE COMPLETE THE FOLLOWING:

Prompt Payment Discount: 1/2 % NET DEL days. (If no discount is offered, Net 30 will apply.)  
☐ Bidding on "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)  
☐ Bidding on low item basis. (Will accept award on "any or all" low bid items.)  
List Additional Limitations if applicable: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**



## Williamson County Specifications/Bid Tally Sheet

Item #	Description	Cost
1	Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 80,065.00
2	Remount Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 41,442.00

### Optional Equipment

Item #	Description	Cost
1	Automotive Climate Control "Hot Weather" Package complete with two (2) spare belts shipped loose.	\$ 1,650.00
2	Electronic door locks on all exterior modular doors, (patient compartment entry as well as storage compartments).	\$ 700.00

SAN ANTONIO AMBULANCE SALES, INC.  
Vendor Name

JOHN M. HUBER  
Name (Printed)

John M Huber  
Signature

403

## WILLIAMSON COUNTY BID FORM

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with the terms and conditions of the attached Bid Invitation, Specifications, and Special Provisions for the amount(s) shown on the accompanying bid sheet(s). By signing below, you have read the entire document and agreed to the terms therein.

NAME OF BIDDER: TAYLOR MADE AMBULANCES

Mailing Address: 3710 HWY 67 NORTH

City: NEWPORT State: AR Zip: 72112

Telephone: ( 800 ) 468-1310 Fax: ( 870 ) 523-4835

Joseph M. Taylor Date of Bid: 10/24/97  
Signature of Person Authorized to Sign Bid

Name and Title of Signer: JOSEPH M. TAYLOR, VICE PRESIDENT  
(Please Print or Type)

**PLEASE COMPLETE THE FOLLOWING:**

Prompt Payment Discount: \_\_\_\_\_% \_\_\_\_\_days. (If no discount is offered, Net 30 will apply.)  
☐ Bidding on "all or none" basis. (Will accept award of "all" items only. If left blank, low item will apply.)  
☒ Bidding on low item basis. (Will accept award on "any or all" low bid items.)  
 List Additional Limitations if applicable: NET DUE UPON DELIVERY

**DO NOT SIGN OR SUBMIT THIS FORM**  
**WITHOUT READING ENTIRE DOCUMENT**

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## Williamson County Specifications/Bid Tally Sheet

Item #	Description	Cost
1	Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 66,575.00
2	Remount Emergency Medical Vehicle Type I Class 1 (4X2)	\$ 47,900.00

### Optional Equipment

Item #	Description	Cost
1	Automotive Climate Control "Hot Weather" Package complete with two (2) spare belts shipped loose.	\$ 1,495.00
2	Electronic door locks on all exterior modular doors, (patient compartment entry as well as storage compartments).	\$ 920.00

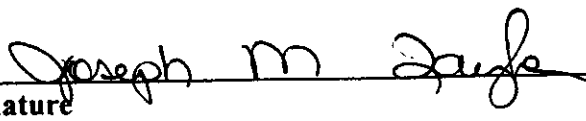
TAYLOR MADE AMBULANCES

Vendor Name

JOSEPH M. TAYLOR

Name (Printed)

Signature



405

AGENDA ITEM # 17

October 28, 1997

\*

Consider authorizing and setting date to open bids for motorcycles for Sheriff's Office.

Moved: Commissioner Boatright

Seconded: Commissioner Hays

Motion: To authorize office of the County Auditor to advertise 10 o'clock a.m. on Tuesday, November 18, 1997, to receive bids for motorcycles for the Sheriff's Office.

Vote: Motion carried 4 - 0 with Commissioner Heiligenstein absent from the dais.

AGENDA ITEM # 18

October 28, 1997

Consider approving contracts with Health Science Technology students to ride out with EMS units.

EMS Director John Sneed advised Taylor, Round Rock and Georgetown students requesting permission to ride with the EMS units are required to furnish written parental consent. Mr. Sneed also introduced new Assistant EMS Director of Operations Jeff Hayes.

AGENDA ITEM # 19

October 28, 1997

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Discuss and take appropriate action on flooding at County Road 346 and County Road 347.

No action was taken on this item which will be added to the November 18, 1997, agenda.

AGENDA ITEM # 20

October 28, 1997

\*

Consider approving code of conduct document for 911 Communications.

Communications Director Geneva Simpson advised this code of conduct was designed to enhance the present policy. She has reviewed Hays and Travis Counties as well as the Austin Police Department codes.

She is presently working on a Policy and Procedures manual which will be an extension of this conduct code.

Moved: Commissioner Boatright

Seconded: Judge Doerfler

Motion: To approve code of conduct document for 911 Communications.

Vote: Motion carried 5 - 0

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