

# **REQUEST FOR BID (RFB)** **AMBULANCE**

## **THIS IS NOT AN ORDER**

BIDS will be ACCEPTED NO LATER THAN: Tuesday, September 14, 2021, AT 2:00 P.M. (MST)

ADDRESS BIDS TO:        AMBULANCE MODULE BODY  
                                 SANTAQUIN CITY  
                                 275 WEST MAIN STREET  
                                 SANTAQUIN, UTAH 84655  
                                 (801) 754-3211

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SANTAQUIN CITY IS ACCEPTING REQUEST FOR BIDS (RFB's) FOR One (1) Type -1 AMBULANCE MODULE, AS PER THE SPECIFICATIONS ATTACHED.

**\*\*\*Please Read Carefully and Respond with All Information/Requirements Requested\*\*\***

PLEASE DIRECT ALL QUESTIONS

TO:                        RYAN LIND  
                                 SANTAQUIN CITY  
                                 275 WEST MAIN STREET  
                                 SANTAQUIN, UTAH 84655  
                                 [rlind@santaquin.org](mailto:rlind@santaquin.org)

PLEASE SUBMIT AN EMAIL COPY OF BID TO [rlind@santaquin.org](mailto:rlind@santaquin.org).

Sealed Bids should be emailed to: [rlind@santaquin.org](mailto:rlind@santaquin.org), and the email should be clearly marked "SEALED BID — AMBULANCE MODULE BODY". All Bids are due no later than Tuesday, September 14, 2021, AT 2:00 P.M. (Mountain Standard Time.) Any submitted Bid not received by this time and date will not be considered.

**BID CLOSING WILL BE Tuesday, September 14, 2021, AT 2:00 P.M. SUBMITTED RESPONSIVE BIDS WILL BE EVALUATED AND AN APPARENT SUCCESSFUL BIDDER WILL BE ANNOUNCED AT A LATER DATE. NO PUBLIC OPENING OF BIDS WILL BE CONDUCTED.**

SANTAQUIN CITY RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.

A final manufacturing schedule for the ambulance module will be determined as part of any contract negotiations with the successful Bidder.

If your firm is qualified and would like to be considered, please furnish a complete Bid. The contents of the Bid shall be complete in description, concise in volume, and austere in form.

## **RESPONSE FORM & COST BID**

### **Santaquin City Ambulance RFB**

In order to receive consideration, any submitted Bid must contain responses to **all** questions contained herein.

Failure to respond to all questions may result in disqualification of the Bid.

COMPANY NAME \_\_\_\_\_ DATE \_\_\_\_\_

& ADDRESS: \_\_\_\_\_

Telephone Number (\_\_\_\_) \_\_\_\_\_ Emergency Number (\_\_\_\_) \_\_\_\_\_

Fax Number (\_\_\_\_) \_\_\_\_\_ Email Address: \_\_\_\_\_

COMPANY OWNER: \_\_\_\_\_

COMPANY PRESIDENT: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_

Type of Company (Partnership, Corporation etc.) \_\_\_\_\_

Utah Business License number: \_\_\_\_\_ Federal Tax Id number \_\_\_\_\_

Are there any judgments, suits or claims pending?      YES    ☐    NO    ☐

If yes, attach written explanation.

Has your company operated under any other name (s)?   YES   ☐    NO   ☐

All submitting Bidders shall furnish all labor, materials, equipment, tools, transportation, and supplies required to complete the work in accordance with the specifications, requirements, and terms of this RFB. The undersigned, after having personally and carefully examined the Request for Bid and other documents detailing the scope and purpose of this RFB as detailed, declare that the undersigned is recognized as being qualified and competent to perform the work and hereby submits a bid of:

Chassis \$ \_\_\_\_\_ Provided by Santaquin City \_\_\_\_\_ Module \$ \_\_\_\_\_

Ambulance Total \$ \_\_\_\_\_ Anticipated Delivery Date \_\_\_\_\_

The pricing listed above shall be effective for at least 60 days from the date of Bid closing.

Please attach any additional sheets detailing price/costs of individual equipment items and any other information that may be pertinent in evaluating this Bid. It is understood that Santaquin City has the right to reject this Bid or to accept the Bid at the above price.

\_\_\_\_\_  
Signature of Preparer

\_\_\_\_\_  
Title of Above

## **I. BID STANDARDS**

### **1) FORMAT:**

The Bid shall be in written format. Once submitted, the Bid cannot be altered without prior written consent of Santaquin City.

### **2) EVALUATION OF BIDS:**

Bids shall be evaluated based upon the qualifications and references of the Bidders, demonstrated competence of the Bidders, cost and the ability and commitment to complete the work. An awarded contract **WILL NOT** be based solely upon the lowest cost, but would be awarded on a determination of the bid which is most advantageous to and in the best interest of SANTAQUIN CITY. A point system will be utilized to evaluate bids. The following Ambulance Performance and Safety Levels / Considerations may be used in any point system that may be used:

- Completeness of submitted Bid
- Accuracy and completeness of accompanying data
- Past performance of Bidder
- Compliance with the detailed specifications
- Compliance with Santaquin City's request(s) for personnel qualifications or certifications
- Exceptions and clarifications
- Financial stability of Bidder
- Local representation of the manufacturer
- Serviceability of the proposed ambulance module
- Service capabilities of the Bidder's local representative
- Applicable safety standards; NFPA, KKK, and patient/employee provider safety, etc.
- Cost

### **3) ADDENDA AND SUPPLEMENTS TO THIS RFB:**

If it becomes necessary to revise any part of this Request for Bid, addenda will be provided on SciQuest. Santaquin City will not be responsible for any oral or other unofficial interpretation of any element of this RFB or its related documentation.

### **4) WITHDRAWAL OF BIDS:**

Unauthorized conditions, limitations, or provision attached to a submitted Bid may render the Bidder as non-responsive and therefore not complying with Santaquin City's original request and may be subsequently rejected. No oral, telephoned, or faxed bids will be accepted. No modifications to submitted bids will be allowed once submitted. The bid may be withdrawn upon request by the Bidders without prejudice, prior to, but not after the Bid closing date and time.

### **5) REJECTION OF BIDS:**

Santaquin City reserves the right to reject any or all Bids, to waive any informality in such Bids, to request new Bids, to revise the RFB prior to the time for final submission of Bids, to proceed to do the work otherwise, to withdraw this RFB, to not award the RFB, and to not award a portion or portions of the RFB, or to negotiate separately with any source whatsoever in any manner necessary to serve the best interest of Santaquin City. Santaquin City may not award a contract based solely on this request for bids and will not pay for the

information obtained and solicited as part of this RFB. Those RFB's received will be used in determining the bid that best meets Santaquin City's needs.

**6) SUBMITTAL OWNERSHIP:**

All material submitted in response to this RFB becomes the property of Santaquin City and will not be returned unless the Bidder requests a withdrawal in accordance this document. Submitted bids may be reviewed and evaluated by any person deemed necessary at the discretion of Santaquin City.

**7) COST OF BID:**

All costs associated with developing and submitting a Bid are entirely the responsibility of the submitting Bidder and shall not be chargeable to nor payable by Santaquin City.

**8) CONTENTS OF BID:**

The Bid must respond to the RFB and shall be prepared as specified as to form, content, and sequence.

- a. Transmittal Letter and Title Page. A transmittal letter shall be included with each submitted Bid and shall contain a brief statement of the Bidder's understanding of the work to be done and an indication of positive interest in producing the ambulance module for Santaquin City. The letter and/or a title page should contain the name of the Bidder's firm, a street address for correspondence, and a primary contact for the bid. Local offices of the firm should be listed.
- b. Table of Contents. A Table of Contents shall be included listing the various sections of the bid.
- c. Confidential Statement Form. A Confidential Statement form shall identify the full legal name of the bidding firm, the legal business structure of the firm, the name of the principal contact, and the names of the key staff (including their specialization and years of experience) being designated to work on the contract, if awarded. This information should include the firm's local and principal office and the addresses, telephone numbers, fax numbers, and e-mail addresses for the designated staff for this RFB and references.
- d. Qualifications and Experience. The bid must supply information describing the qualifications and experience of the Bidder and their employees and key staff that are proposed to work on Santaquin City's project. This information shall indicate the firm's current and most recent past experience providing services or work on similar past projects. The Bidder shall identify all specialists within the firm and include a description of their experience.
  - o Fee Schedule. Each Bidder must submit a fee schedule identifying proposed hourly rates for each individual proposed to work on Santaquin City's project.
  - o References. Bidder shall provide references from their most recent similar projects.

**9) ACCEPTANCE OF BID:**

Submission of a Bid constitutes an agreement by Bidders to each and all of the terms and conditions as set forth in this request. The contents of the Bid of the successful Bidder shall become the basis for contractual obligations upon entering into a written contract with Santaquin City. Failure of the successful firm to accept these obligations will result in cancellation of an award.

- Santaquin City reserves the right to reject any or all Bids or waive minor irregularities when to do so would be in the best interests of Santaquin City. Minor irregularities are those which will not have a significant adverse effect on overall competition or performance levels.
- The Bidder understands and agrees that Santaquin City may terminate this RFB procurement procedure at any time. If Santaquin City decides to so terminate, Santaquin City shall have no liability or responsibility to the Bidding parties for any costs or expenses incurred in connection with this Request for Bid, or for such Bidder's responses.

#### **10) DISQUALIFICATION OF BID:**

The occurrence of any of the following may result in disqualification of a bid:

- Failure to respond within the established timetable
- Failure to completely answer all questions presented in the RFB
- Use of any other type of form or format other than those indicated in the Request for Bid
- Failure to provide required documentation at the time of bid submission
- Illegible responses

#### **11) DISPOSITION OF BIDS:**

All submitted Bids (and the information contained therein) shall become the property of Santaquin City. No Bid shall be returned to the respondent regardless of the outcome of the evaluation and selection process.

#### **12) BID RESPONSE:**

- It is important that any person who signs a Bid on behalf of a submitting Bidder hereby certifies that he or she has the authority to so act. A Bidder who has its Bid accepted may be required to answer further questions and provide further clarification of its Bid and responses.
- By responding to this Request for Bid each Bidder acknowledges that neither Santaquin City nor any of its representatives is making or has made any representation or warranty, either express or implied, as to the accuracy or completeness of any portion of the information contained in this RFB. The Bidder further agrees that neither Santaquin City nor any of its representatives shall have any liability to the Bidder or any of its representatives as a result of this RFB process or the use of the information contained in this RFB.

#### **13) RESPONSE REQUIREMENTS:**

- a. Amendments - No oral modifications or amendments shall be made to this RFB. This RFB Will only be modified by Addenda and by written response to questions submitted.
- b. Alteration of specifications or character of work - Santaquin City reserves the right to make, at any time during the progress of the work, such increases or decreases in quantities and such alternations in the details of the work, and the elimination of one or more items as may be found necessary or desirable and to adjust the purchase price accordingly through a change order process. Financial increases to the Bid price must be approved by Santaquin City Council before additional work can be authorized and constructed.

- c. Authority of Santaquin City Administrator, EMS Battalion Chief, and the Fire Chief – Santaquin City Administrator, Santaquin City Fire Chief, and the EMS Battalion Chief will address all questions which may arise as to the quality, quantity, and acceptability of materials proposed to be furnished. They will also address all questions which may arise as to the acceptable fulfillment of the Bid on the part of a Bidder.
- d. Authority of Santaquin City Council - Santaquin City Council is the authorized legislative body that can approve any award of a Contract, if any is to be awarded.
- e. Equivalent products - When a particular brand name, make, or trade name is used or specified herein, it is for the purpose of designating the standard of quality, performance, and characteristics desired and is not intended to limit or restrict competition. Except where expressly stated otherwise, substitutions will be allowed, if they conform to the quality, performance, and characteristic desired and only if they are approved by Santaquin City.
- f. Indemnification - The Bidder shall defend, indemnify, save, and hold harmless Santaquin City, its officers, employees, and agents, from and against any and all claims, demands, causes of action, orders, decrees, judgments, losses, damages, and liabilities (including all costs and attorney's fees incurred in defending any claim, demand, or cause of action) occasioned by, growing out of, or arising or resulting from (a) Bidder's, its subcontractors, agents, or employees performance of this Bid or their provision of any services required herein to be performed by the Bidder or its subcontractors, agents or employees, and (b) any act or omission of Bidder, or its subcontractors, agents, or employees. The Bidder shall assume sole liability for any injuries or damages caused to a third party as a result of fulfillment of an awarded contract, should a contract be awarded.
- g. Interpretation of RFB - The invalidity of any portion of this Request for Bid shall not prevent the remainder from being carried into effect. Whenever the context of any provision shall require it, the singular number shall be held to include the plural number, and vice versa, and the use of any gender shall include all genders. The paragraph and section headings of this Request for Bid are for convenience only and do not constitute a part of the provisions thereof.
- h. No presumption - Should any provision of this RFB require judicial interpretation, the Court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against the party, by reason of the rule of construction that a document is to be construed more strictly against the person who himself or through his agents prepared the same, it being acknowledged that all parties have participated in the preparation thereof.
- i. Notices - All notices, demands and other communications required or permitted to be given hereunder shall be in writing and shall be deemed to have been properly given if delivered by hand or by certified mail, return receipt requested, postage paid, to the parties at their respective places of business, or at such other addresses as may be designated by notice given hereunder.
- j. Payments
  - 1. Payments shall be paid, as identified in Bidder's bid price, for items designated by Santaquin City. Bidder shall invoice Santaquin City after the completion and acceptance by Santaquin City of each item. Invoices shall be mailed to the Santaquin City, Accounts Payable Department, 275 West Main Street, Santaquin, Utah 84655. Invoices shall be due and payable within 30 days after receipt of invoice.

2. Payments may be withheld from the Bidder by Santaquin City in order to protect Santaquin City from loss due to:
  - i. Defective work not remedied.
  - ii. Liens or claims filed or reasonable evidence of probable filing.
  - iii. The Bidder's failure to promptly pay subcontractors or suppliers for labor and/or materials accepted by the Bidder.
  - iv. Damage to another contractor/firm.
  - v. Failure to perform.

**18) RULES OF PROCUREMENT:**

- 1) This procurement shall conform to and is governed by the Santaquin City Purchasing, Procurement Rules and Regulations.
- 2) For this procurement, all RFBs must be submitted in the RFB format outlined in Section 11 (Instructions to Bidders) of this Request for Bid.
- 3) All prospective Bidders must meet the enclosed criteria as of the required date of submission. Bidders must provide all information requested in the Bid Response Form.
- 4) The use of "shall", "must", or "will", in this Request for Bid indicates a requirement or condition from which a material deviation will not be approved by Santaquin City.

**19) BID WARRANTY:**

The Bidder warrants to Santaquin City that all materials furnished under this bid will be new unless otherwise specified, and that all materials and work will be of good quality, free from faults and defects and in conformance with this RFB. All materials and work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by Santaquin City, the Bidder shall furnish satisfactory evidence as to the kind and quality of materials and equipment proposed to be provided.

**II. SPECIFICATIONS INSTRUCTIONS**

**1) DIRECTIONS FOR RESPONDING TO EACH SECTION:**

Each individual section of the specification shall be followed by the response line. The line shall read as follows:

"COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_"

On the line to the right of each statement the Bidder shall mark an X to signify the appropriate response. If a Bidder is offering an alternative to the written section, then an exception must be taken for the section. Any and all exceptions must be listed in the exception section and accompanied in the Bid packet by sufficient documentation supported by a registered engineer to demonstrate the equivalency of the alternate item. The Bidder shall note that the data submitted must correspond with the substitutions offered. If the data submitted does not cover all substitutions offered, then the bid shall be rejected as being non-responsive.

Bidders shall initial that this section and that in the following sections all the specifications are understood and have been answered truthfully. Bidders who are found to be untruthful in this, or in any other section of this Bid, will have their Bid automatically rejected.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**2) WHAT THE SPECIFICATION IS:**

The following specification describes a new ambulance module that is expected to be acquired by Santaquin City Corporation. These specifications describe the needs of Santaquin City as far as module body design. A state of the art module body is required. Manufacturers that propose to utilize prototype equipment or manufacturing processes will not be considered. The Bidders manufacturing history shall be supported by documentation where applicable, and by the reference section within this specification. The benchmark for the initial configuration of this ambulance module shall be the current KKK Federal Specification for Ambulances or NFPA 1917 Standard for Automotive Ambulances. However, most requirements in this specification exceed the federal specifications because of the specific needs of Santaquin City.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**3) MINIMUM REQUIRED STANDARDS:**

Please note that the following specifications represent minimum general terms, standards, and or requirements. While it is not the intent of Santaquin City to preclude any qualified Bidder from submitting a bid, it must be clear that any Bidder deviating in any substantial manner from these specifications will be rejected as being non-responsive.

Finally, manufacturers or distributors for manufacturers submitting Bids shall include the following information with their Bid:

The highest degree of quality, both in materials and in the building processes, is required for the emergency medical vehicle (ambulance module) being proposed. At a minimum, the manufacturer being proposed must meet all current mandated and voluntary ambulance design standards in effect at the date of the bid submission. All current Federal Motor Vehicle Safety Standards (FMVSS) must be met, as well as all most current Federal Ambulance Design specifications such as KKK Standards.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**4) BID COMPLETION PROCESS:**

Various areas in the following specifications require a response from the Bidder. In order to aid in the evaluation process, all responses must be consistent, clear, concise and, most importantly, legible. Therefore, the areas that are to be completed by the Bidder, along with any other materials that may be submitted by the Bidder, must be typed. Bids that are submitted with either hand-written responses or with hand stamped responses shall be automatically rejected as being non-responsive.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**5) SINGLE SOURCE MODULE MANUFACTURER:**

To simplify warranty coverage and to assure a consistent level of quality throughout the vehicle, a manufacturer is desired that manufactures all of the major components for the ambulance module (excluding the chassis). Major components are defined as the module body, the interior cabinets, and the converter-added electrical wiring system. Santaquin City understands that manufacturers may purchase some elements, such as switches, boards, etc. with which to manufacture a system.



Further, this specification requires the module manufacturer to own the design of, as well as the rights to the onboard converter-added electrical system. Generic aftermarket systems that are manufactured by an outside company and installed by the module manufacturer are not acceptable.

Further requirements are addressed elsewhere within this specification where the specifically defined items are located. Manufacturers who outsource any of the above-referenced components shall be considered non-responsive and their bids will be rejected.

Bidder hereby states that the represented module manufacturer manufactures all of the major components as defined above. Bidder also states that the represented module manufacturer owns the design of the converter-added electrical system, as well as all rights to that system and any software that may be required. Manufacturer agrees to supply and provide to Santaquin City, at no extra charge and for life of the vehicle, any and all software upgrades offered by the manufacturer for the converter-added electrical system, if any:

Component manufacturer (by company name):

Modular Body: \_\_\_\_\_

Interior Cabinets: \_\_\_\_\_

Electrical Wiring System: \_\_\_\_\_

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**6) BID:**

The overall Bid shall include a firm price for a module meeting these specifications. The length of time that the price will be held shall be clearly stated in the Bid. This quotation shall include a specific delivery window based on the proposed number of calendar days specified in the Bid following the award of the contract. The proposed model year of the module body shall be clearly stated in the Bid.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**7) SERVICE AVAILABILITY:**

The ability to obtain convenient and qualified service will be a major factor in any award of a contract. Convenience and experience will be determining factors in defining acceptable service. A service facility within a 100 mile radius is required. Personnel performing the service shall be trained by the manufacturer with emphasis in the area of electrical service. In order to evaluate the proposed service facility, the following information shall be provided.

Facility name: \_\_\_\_\_

Distance from Santaquin City \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Contact: \_\_\_\_\_

Phone #: 1-(\_\_\_\_)-\_\_\_\_-\_\_\_\_\_

Qualification Description: \_\_\_\_\_

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**8) ENGINEERING SUPPORT:**

Due to the complexity of the design of the vehicle, Bids will be accepted only from manufacturers that utilize well-defined engineering techniques. Submittal of Computer Aided Design (CAD) drawings of both the interior of the patient area and the overall layout of the module body are mandatory with all Bids. At a minimum these drawings shall include all exterior elevations, all interior views (4), and a plan view of the floor and the roof/ceiling. All options and elements required within these specifications shall be depicted on the drawings. The purpose of this requirement is to assure Santaquin City that submitted bids indeed meet the stated requirements as set forth in these specifications. Generic drawings are not acceptable (i.e. brochures, generic literature, etc.). The drawings, as submitted, shall accurately depict the exact vehicle that is being proposed. Bidders not including the required drawings will be considered non-responsive and their bids will be rejected. All required drawings are included with this bid?

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**9) DRAWINGS:**

The above-referenced drawings shall be furnished in 11" x 17" format . Drawings that are "D" size (24" x 36") may be required at pre-build meeting and shall be provided upon request. Drawings submitted with a bid that do not meet the criteria set forth in the Engineering Support section above will be considered non-responsive and those Bids will be rejected. Likewise, bids stating that drawings "will be furnished at a later date" will be rejected on the basis of being non-responsive.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**10) SAFETY CERTIFICATION:**

The verification of construction techniques used throughout the building process must be furnished by the manufacturer/Bidder. The test will verify installation methods and construction techniques associated with seat belt retention, cabinet construction and installation, oxygen cylinder retention, module to chassis mounting systems, etc. All testing must be performed by a testing agency that is independent of the manufacturer.

As proof of this verification process being performed, the Bidder must provide the following certification to compliance of Federal Specification KKK-A-1822F and Ambulance Manufacturers Division (AMD) (Published August 2007) with their Bid:

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**11) SAFETY CRITERIA:**

A manufacturer is desired that has an ongoing Quality Control program in compliance to more than the minimum AMD, KKK, NFPA 1917 and QVM requirements. The Bidder is required to submit photographs and/or written observations, from customers or manufacturers' representatives to four (4) different accidents to further support structural safety of the proposed vehicle. Manufacturer supplied self-testing information data will be considered in compliance but may be not be used as a factor in any purchase decision.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**12) CONSTRUCTION PHOTOGRAPHS:**

The Bidder shall include the following construction photographs with a submitted Bid. Bids not including these photographs will be considered non-responsive and will be rejected. These photographs shall be submitted for evaluation purposes. Santaquin City shall compare the photos of the different Bidders and the evaluation of such shall be considered as to which design best suits the specific needs to be fulfilled. Commentary on the photos is not desirable. Photographs shall be in color and shall be large enough and clear enough to supply ample detail. The photographs shall be provided in the exact numerical order listed below. The photographs to be submitted shall include:

- a. Interior upper corner showing gusset and extrusion detail.
- b. Interior side wall including horizontal frame member.
- c. Roof section showing 2" x 2" structural supports on 12" centers.
- d. Detail of vertical side wall substructure to include gussets.
- e. Floor superstructure prior to installation of the aluminum sub floor.
- f. Interior of rear door less Formica trim
- g. Interior of rear door detailing door latch linkage
- h. Electrical distribution panel complete and wired.
- i. Backside of front console switch panel complete and wired.
- j. Interior cabinet modules prior to installation.
- k. Light head attachment point detailing threaded nylon hole insert.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**13) LIABILITY:**

Once the chassis is delivered to an awarded Bidder, the awarded Bidder assumes any and all risk of loss to the ambulance until the ambulance is delivered FOB to Santaquin City Corporation.

- Each Bidder must furnish a manufacturers Certificate of Insurance showing aggregate total of insurance which shall not be less than nine million dollars (\$9,000,000).
- Each Bidder must furnish a Certificate of Insurance showing aggregate total of insurance which shall not be less than four million dollars (\$4,000,000).

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**14) TYPE OF BIDS TO BE SUBMITTED:**

Santaquin City is interested in an ambulance with the specific attributes as listed in this RFB. In the event that the Bidder represents more than one ambulance manufacturer meeting the manufacturer requirements outlined herein, then the Bidder shall only bid the highest quality module that the Bidder represents. Under no circumstances will multiple bids from the same Bidder on different manufacturers be accepted. Should a Bidder submit two or more bids representing more than one manufacturer, then all bids submitted by that Bidder will be rejected as being non-responsive with the requirements of this specification. Santaquin City is seeking the highest quality equipment. Bidders are asked to bid only the product of the highest level of quality represented by that Bidder.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**15) INFORMATION TO BE SUBMITTED WITH BID:**

The information requested within this Bid must be furnished in full. Any Bidder not completing this Bid or not furnishing any required information will not be considered. If a Bidder is not proposing to furnish a material or fabrication process exactly as described in this specification, then that difference must be designated in the list of exceptions. If a substitution is being proposed, then the Bidder must note the section to which the alternative is being proposed and provide technical data, supported by a registered engineer, supporting the fact that the substitute is equal to or better than the item as specified. If this data is not submitted with the Bid, then the Bid shall be rejected as being non-responsive. Bidder added narrative describing a substitution as being a clarification, exceeding, being equal to, etc. will not be accepted in place of supporting data from a registered engineer. Statements such as these, with or without the technical data described in this section, will cause the Bid to be rejected as being non-responsive. Santaquin City reserves the right to require samples of any deviating material to be provided for evaluation.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**16) PROJECT REFERENCES:**

1. Name: \_\_\_\_\_, Contact: \_\_\_\_\_

Address: \_\_\_\_\_, Phone: \_\_\_\_\_

\_\_\_\_\_

2. Name: \_\_\_\_\_, Contact: \_\_\_\_\_

Address: \_\_\_\_\_, Phone: \_\_\_\_\_

\_\_\_\_\_

3. Name: \_\_\_\_\_, Contact: \_\_\_\_\_

Address: \_\_\_\_\_, Phone: \_\_\_\_\_

\_\_\_\_\_

4. Name: \_\_\_\_\_, Contact: \_\_\_\_\_

Address: \_\_\_\_\_, Phone: \_\_\_\_\_

\_\_\_\_\_

5. Name: \_\_\_\_\_, Contact: \_\_\_\_\_

Address: \_\_\_\_\_, Phone: \_\_\_\_\_

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**17) EXCEPTIONS TO SPECIFICATIONS:**

Exceptions to these specifications shall be noted below. All exceptions taken shall be recorded per the guidelines defined above. Each exception shall be noted by page number and item header. If additional space is required for exceptions, then the Bidder shall use additional paper as necessary, however the same format shall be used.

a. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

b. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

c. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

d. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

e. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

f. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

g. Page #: \_\_\_\_\_ Section # \_\_\_\_\_  
Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

h. Page #: \_\_\_\_\_ Section # \_\_\_\_\_

Description: \_\_\_\_\_  
Exception: \_\_\_\_\_

More Exceptions? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**18) PREBUILD, INSPECTION, AND DELIVERY PROCESS:**

A prebuild meeting shall be held at the ambulance manufacturing plant. It shall include two (2) or more personnel from Santaquin City, as the City deems appropriate.

A final inspection meeting shall be held at the ambulance manufacturing plant. It shall include two (2) or more personnel from Santaquin City.

The vehicle shall be delivered over the road to Santaquin City. Delivery shall be stated in a proposed number of calendar days after award of contract and receipt of chassis. Santaquin City has the right to reject the vehicle if it does not conform to these specifications to the satisfaction of the City.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**19) PRICE AND TAXES:**

All prices quoted shall be for a definite fixed price unless otherwise specified. Prices shall exclude Federal, State, and other taxes to the extent that Santaquin City is exempt. All pricing shall be F.O.B Santaquin City, Utah.

FOB location \_\_\_\_\_ COMPLY?... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**20) PAYMENT:**

Payment shall be made on delivery of the purchased item, or upon completion of all work contracted for (whichever occurs later) and performed to the satisfaction of Santaquin City.

**III. SPECIFICATIONS:**

**1.0 CHASSIS To be purchased and supplied by Santaquin City, Drop Shipped to Awarded Bidder**

**1.1 VEHICLE AND WHEEL BASE**

**1.2 2021 Ford F-550 Super Duty XLT chassis with 4 wheel drive and dual rear wheels, 189 inch wheel base, 108 inch cab to rear axle, Ford Ambulance prep package.**

ACCEPTABLE? ..... YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.3 ENGINE**

Ford 6.7-liter Power Stroke Turbo Charged V-8 Diesel with OEM engine block heater and reduced sound level exhaust,

ACCEPTABLE? ..... YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.4**     AUXILIARY POWERTRAIN CONTROL (APC)

The Ford OEM APC module shall be standard. The module will be mounted in the front switch console. The APC Module is to be programmed in the “Charge Protection” mode. When the vehicle is in park, service brake disengaged and the parking brake is set, the APC module shall electronically adjust the engine idle (up or down) to maintain proper electrical system voltage.

ACCEPTABLE? ..... YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_\_

**1.5**     GAUGES AND METERS

Speedometer, odometer, fuel gauge, temperature, oil pressure, digital voltmeter, engine hour meter.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_\_

**1.6**     SPRINGS, AXLES, RATINGS, & SHOCKS

Maximum GVWR – 16,500 lbs. GVWR

Front: Monobeam with coil springs, shock absorbers and stabilizer bar.

Rear: Non independent live axle with leaf springs and stabilizer bar.

Air-ride shall not be required to comply with the allowable KKK-1822-E load height.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_\_

**1.7**     STEERING

Power steering with tilt wheel and cruise control.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_\_

**1.8**     BRAKES

Heavy duty, hydro-boost assisted type, 4-wheel anti-lock disc brake system.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_\_

**1.9**     TRANSMISSION

Torqueshift <sup>TM</sup> heavy duty 6-speed Select Shift transmission with external oil cooler.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_\_

**1.10**    AXLE, REAR

4.10gear ratio w/ limited slip axle.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_

**1.11 FUELTANK**

Single tank w/ 40-gallon capacity.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_

**1.12 WHEELS AND TIRES**

Seven (7) LT 225/70RX19.5G Steel Belted Radial tires, BSW all season tread. The spare tire will be mounted in the left rear exterior compartment. Stainless steel wheel inserts with valve stem extensions will be provided. The valve stem extensions are to be steel braided lines that are held in place with stainless steel brackets. These brackets are to be located in such a way as to provide easy access to both the inside and outside rear tires valve stems for the checking of tire pressure and for the addition of air when required.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_

**1.13 BATTERIES**

Two 750 CCA mounted in the engine compartment and wired parallel in OEM configuration that complies with Ford QVM and KKK-A-1822-F requirements. Batteries will be wired so that both will always be used for starting and controlled by a power cut off switch. The Ford ignition key activates the cut off switch. Power can be provided to the module without the engine running by turning the ignition key to accessory position.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_

**1.14 ALTERNATORS**

Dual Ford OEM alternators with internal regulators. One 200 amp alternator and one 157 amp alternator for a combined for a total of 357 amps.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_

**1.15 WINDOWS, CAB**

Tinted safety glass is installed in all exterior windows. Ford OEM power operated windows.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_



**1.16**    WINDSHIELD WIPERS

Two speed electric, with washer and adjustable intermittent cycle.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_\_

**1.17**    SEATS, DRIVER'S COMPARTMENT

Deluxe cloth OEM High Back Captain's Chairs, seat belts and shoulder harnesses.  
The Ford OEM cab seats must be the seats installed and shipped with the chassis by Ford and have the correct Ford prescribed serial number. The Ford OEM seat pedestals shall be located in the mounting location as determined by Ford.  
Any changing of the Ford OEM Seats, mounting pedestals or location thereof is absolutely prohibited.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_\_

**1.18**    HEATER AND AIR CONDITIONER

OEM heavy duty, high output.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_\_

**1.19**    COOLING SYSTEM, ENGINE

Heavy-duty liquid system, using a 50/50 mix of permanent type antifreeze and water for protection to -40 Fahrenheit.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_\_

**1.20**    MIRRORS, OUTSIDE

OEM heated mirrors with turn signals, power adjustment and built-in 2" x 6" convex mirrors, dual direction breakaway mounting arms with telescoping width adjustment.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_\_

**1.21**    TRIM PACKAGE, CAB

XLT Trim Package; full stainless steel wheel simulators, chrome front bumper and grill. Color keyed door trim with map pockets, rubber floor mat, padded sun-visors, courtesy and dual dome lights, AM/FM Stereo Radio w/ CD & Clock w/ dual cab speakers. Power door locks, cruise control, tilt steering wheel, and power adjustable brake and accelerator pedals. An auxiliary import connection shall be included on the radio system.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS\_\_\_\_\_

**1.22** OEM REARVIEW CAMERA.

A rear view camera shall be installed on the rear of the module above the rear entry doors and activate upon the vehicle transmission being placed into reverse. The display shall be in color and shall display in the radio control screen. The camera shall be waterproof and protected from damage with a shield if needed.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.23** ALUMINUM WHEELS

19.5 inch heavy-duty forged polished aluminum wheels will be installed on the front and the outside rear dual wheel of the chassis. This will include bright hub covers and center ornaments.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.24** RUNNING BOARDS AND MUD FLAPS

Heavy-duty aluminum Diamond Plate running boards will be installed from the back of the front wheel opening to the front of the module box. They will include mudguards to protect the chassis and module. Rubber mud flaps will be installed behind the dual rear wheels.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.25** REAR LIQUID SPRINGS CONVERSION

LiquidSpring CLASS suspension system, which uses a silicon-based liquid strut and onboard processor to instantly respond to road and driving conditions. Will be programed (Including override switch) to “kneel” when rear module doors open.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.26** MISC. CHASSIS ITEMS

Daytime running headlights, dual air bags, dual pitch horn, OEM standard undercoating, transfer case skid plate, step-well pad and factory supplied jack and tire tools,.

ACCEPTABLE? .....YES \_\_\_\_ NO \_\_\_\_  
INITIALS \_\_\_\_

**1.27 REMOTE ENTRY**

Remote Entry & anti-theft with two key FOBs shall be included.

ACCEPTABLE? .....YES \_\_\_\_\_ NO \_\_\_\_\_  
INITIALS \_\_\_\_\_

**2.0 MODULE BODY**

**2.1 DIMENSIONS, EXTERIOR**

Overall vehicle length	304.0 inches
Overall vehicle height	113.5 inches
Overall module body length	168.0 inches
Overall module body height	95.0 inches
Overall module body width	96.0 inches

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**2.2 DIMENSIONS, INTERIOR**

Length forward wall to rear door	163.0 inches
Width interior wall to wall	92.0 inches
Width of aisle	50.0 inches
Height floor to ceiling	72.0 inches
Loading height	34.5 inches

(Meets KKK and NFPA requirements)

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**2.3 GENERAL CONSTRUCTION**

- a. The entire body will be a welded and **SEAMLESS** one-piece body. The entire perimeter and around all openings of the body shall be fully welded and ground smooth thus eliminating any joints or seams. The use of tongue and groove method of construction that requires the use of a seam sealer is not acceptable. This is to prevent the cracking of paint at these areas resulting in a buildup of road dirt and grime and the eventual development of corrosion along the tongue and groove seams.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- b. The aluminum skin, the roof and side panels, shall be permanently fastened to the framework using Lord 406/19 Acrylic Adhesive. Adhesive is applied to the sidewall skin to prevent warpage, oil canning, and metal deflection associated with the welding of the sidewall skin to the structural framework. The use of double back adhesive tape is prohibited to eliminate the possibility of the adhesive tape failing to maintain a bond to the external skin.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- c. The body wall skin shall be of prime commercial quality .125" thick 3003 H14 corrosion resistant aluminum. All side and roof panels shall be .125" thick. The use of side and roof panels that are of a lesser thickness is strictly prohibited.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- d. The roof panel shall be a single sheet of aluminum. Covering the roof of the exterior body with sectional pieces of aluminum panels is prohibited. This is to eliminate the necessity for joints or seams where these panels join.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- e. The wall and roof support framework shall be .125" 6061-T6 extruded aluminum box beams and extrusions spaced on 12" centers or less. There shall be no frame members spaced at a distance in excess of 12". The roof support framework shall additionally include .125" 6061-T6 extruded 1" x 2" aluminum box beams running the full length of the roof. The frame and skin shall be fully welded with no rivets.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- f. The exterior of the body will be finished smooth with 45-degree SEAMLESS beveled extruded corners presenting a modern and dynamic appearance. The outer wall thickness of the extruded corners shall be .250" to provide additional protection at all corners. The body will be designed and built to provide impact and penetration resistance, with appropriate channel reinforcing to assure rigidity.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- g. All parts of the body and attachments will be fastened together with rust resistant fasteners in a manner that will preclude loosening of any bolts and screws, and the cracking of welded joints. The exterior body panels will be made of not less than 0.125" thick metal and be reinforced at all points where equipment will be attached.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- h. The body will be a bolted and welded structure. Welding will not however, be employed in the assembly of the body in a manner that will prevent the ready removal of any component part for service or repair.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- i. In the assembly of the body, areas where steel is in contact with aluminum, there shall be butyl rubber isolator pads installed. These pads shall provide corrosion and water resistance.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- l. All fasteners, bolts, screws, etc. used in the assembly of the body and all attachments shall be coated with the "ECK" brand corrosive protectant. Additionally, all exterior door hinges, both entry and compartment, are to be coated with "ECK" protectant prior to the installation of the door. This "ECK" coating is to be used in lieu of a gasket material behind the hinge to prevent the problems of gasket retention and deterioration.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

## 2.4 ROOF

- a. The roof surface shall be **SEAMLESS** and **CROWNED** and of **ONE PIECE** of .125" aluminum (3003-H14). The use of any type of sealer or caulking material is strictly forbidden. There shall be no lip or protrusion on the roof that could result in the entrapment of any water or moisture.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- b. The perimeter of the roof shall be constructed of 45-degree **SEAMLESS** beveled extrusions that eliminate any lip or protrusion providing a smooth finish. The outer wall thickness of the roof perimeter extrusions shall be .250" to provide additional protection at all perimeter corners.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- c. The roof under structure will be fabricated from extruded aluminum box beams (6061-T6). The under structure will be constructed by welding 1" x 2" x .125" box beams lengthwise and by welding 2" x 2" x .125" box beams, spaced on 12" centers or less, crossways forming a cross sectional grid roof support framework. The complete roof will be treated with a sound-deadening barrier. The roof panel shall be fully perimeter welded and adhesive bonded to the roof under structure with Lord 46/19 Acrylic Adhesive. The use of skip or intermittent welding of the roof perimeter is unacceptable.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

## 2.5 SIDE WALLS

- a. The body sidewall skin shall be constructed of .125" aluminum (3003 H14). The sidewall under structure will be fabricated by welding 2" x 2" x .125" extruded aluminum box beams vertically, spaced no further than on 12" centers. The vertical tubing will join and be welded to roof supports (2" x 2" x .125" extruded aluminum box beams) to form an interlocking grid between the sidewall and the ceiling. The complete sides will be treated with a sound-deadening barrier. The body sidewall skin shall be fully welded around the entire perimeter and all body openings and adhesive bonded to the sidewall frame work with Lord 406/19 Acrylic Adhesive.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- b. All body openings shall be seamless. Body openings framed with tongue and groove style extrusions requiring the use of seam sealer will not be acceptable.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 2.6 FLOOR SUB-STRUCTURE

- a. The floor shall be at the lowest level permitted but not more than 35 inches from the ground with **NO MODIFICATION TO THE FORD OEM CHASSIS SUSPENSION**.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. The floor sub-structure shall consist of two (2) 1/4" walls 2" x 2" aluminum tubes running at the outer edge for the full length of the floor and the chassis frame rails. There shall then be sixteen (16) 1 1/2" x 1 1/2" x 1/4" walls 1 1/2" x 2" aluminum tubes running the width of the floor and fully welded to the outer tubes. This sub-structure frame is to mount on top of the Chassis frame rails via the 12 OEM Pucks. 2 Full-Length Plates measuring 3/4" x 6" shall be welded to the underside of the 1 1/2 x 1 1/2 tubes, one left and one right. The outer edges of these plates shall be welded to the 2 x 2 primary box beams. These plates shall be bolted, via OEM rubber mounts, to gusseted steel brackets bolted to the OEM frame. There shall be twelve (12) rubber mounts attaching the body to the frame.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 2.7 EXTERIOR COMPARTMENT CONSTRUCTION

- a. Compartments provided on the unit will be constructed as follows: The compartment floor will be fabricated of .125 diamond plate aluminum (3003-H14) and the ceiling and bulkheads of .100 diamond plate aluminum (3003-H14). All compartment floors will be reinforced with two 1x2 aluminum bars on the underside of the floor.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. All exterior compartments will be sweep out style to provide for ease of cleaning. Drain holes are not desirable. All exterior compartments will be vented to provide for the displacement of air when closing doors. Small vent louvers shall be installed on the vertical walls of the exterior compartments.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- c. All exterior compartments shall be lighted when the compartment door is opened. Compartment lights will be flush mounted with wiring routed through the body eliminating any exposed wiring.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- d. All exterior compartment shelving shall be “Pan” style aluminum shelves mounted on two (2) sets of uni-strut tracks at each end of the shelf providing infinite adjustment. Rubber matting is to be installed on the topside of all shelving.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

## 2.8 DOORS

- a. The corner of each door frame shall be ¼” Cast Aluminum inserted & welded to horizontal & vertical extrusions. This Cast part shall ensure superior strength as well as uniform fit & finish.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_

- b. The door(s) of each compartment will be flush type (being on the level with adjacent body surface) and of **PAN FORMED / EXTRUSION DOUBLE BREAK** construction. The weather seal is to be mounted on the outer flange of the door with the latches and strikers mounted on the extruded second break inside the door opening. This door design eliminates exposure of the latches to the elements and prevents moisture from corroding the latch mechanisms.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- c. All doors shall be constructed of .125 aluminum and 2 ½” thick.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- d. The inner panel on all exterior compartment and entry doors will be fastened to the extruded door-frame and recessed into the door frame extrusion for a flush finish. Surface mounting of any interior door panels is not allowed. All fasteners used for the mounting of the interior panels are to have a rubber grommet affixed to the underside of the screw head to prevent the fastener screws from loosening and backing out of the extrusion. The interior door panels shall be readily removable for access to the interior of the door and the latching mechanism.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- e. All doors shall be reinforced and cross-braced inside for increased strength allowing for the mounting of equipment on the door.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- f. In order to facilitate adjustment and routine maintenance of door linkage rods and latches, all patient compartment entry doors shall have access ports. There is to be an access port above and one below each interior entry door handle of sufficient size to allow for the adjustment of the door linkage rods. All ports are to be covered with a friction type “plug-in” plastic cover that is readily removable.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- g. The door latch assembly of each compartment will be an Eberhard Grabber 21100 series, two (2)-point slam lock (206 rotary latch), of stainless steel construction. Door latch assemblies shall be “blind mounted” eliminating any exposed mounting hardware on the exterior side of the latches. There is to be a rubber gasket between the exterior stainless steel latch assembly and the aluminum door to ensure the isolation of the two dissimilar metals.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- h. The door linkage rods’ connecting the door handles and the rotary latches are to be 5/32 steel rods threaded on the turn buckle end. They shall be straight direct pull rods with no bends built into the rods allowed. Adjustments to the entry door linkage rods are to be provided by a turnbuckle located above and below and adjacent to each interior door handle.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- i. All exterior doors are to be lockable via an “automotive style” lock with all compartment and patient compartment entry doors being keyed alike. The key shall be double sided for ease of insertion into the lock.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- j. Door strikers shall be installed on the vertical compartment flanges, with the exception of double doors. There are to be two (2) pins per door, with the exception of the battery compartment door. All striker pins shall be fully adjustable from the exposed side. They will be grade 8.0 cadmium plated steel strikers with a “captive nut” for adjustment and so located as not to interfere with the sweep-out design of the compartment itself.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- k. All compartment and entry doors shall have one-piece Stainless Steel doorsill protectors that will cover both surfaces of the body opening.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_



- l.** Each compartment and entry door is to have a full width aluminum drip rail mounted above each door. All drip rails are to be attached using double back adhesive tape. The use of screws, rivets, or any other form of metal attachment is not acceptable.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- m.** All compartment doors will be equipped with a gas strut door stay that holds the door at 90 degrees to the body when open. All gas struts are to be mounted in such a way as to allow for easy access in the event that replacement or repair is required.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- n.** There shall be a “dampening” device installed within each gas strut for the purpose of preventing the “shock” that can occur when a gas strut is fully extended.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- o.** Each compartment door will be mounted with a continuous stainless steel hinge with a minimum pin diameter of (.250). Hinge Pin diameter of less than (.250) is unacceptable to ensure the long-term performance of the hinge in this extreme use application.

- p.** Each compartment opening is to be sealed with full perimeter 5/8” wide by 1/2” thick hollow core wiper seal. The seal is to be mounted on the doorframe out board of the striker pins and the door latches. This seal insures that each compartment will be dust and waterproof and that the striker pins and door latches will remain dry and clean.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- q.** All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 Reflectix insulation. Additionally, there shall be a single layer of 2” polystyrene insulation installed in each door.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- r.** Rear patient compartment doors shall be equipped with Cast Products "Grabber" hold-open devices. Side patient compartment door shall be equipped with Gas Strut door opening device.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- s.** Rear and side patient compartment doors shall have dark tinted safety glass windows encased in extruded aluminum frames. Each rear door shall have an 18.5" x 17.5" fixed window. The side door shall have an 18.5" x 17.5" slide opening window with screen and window lock.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- t. Right and left side 4” Front module “drop skirt” body extensions shall be included in the drawings and build. This will allow for better ease of entry through the right side entry door and increase the compartment sizes accordingly. A 6” drop is not recommended as it may lead to possible ground clearance issues for Santaquin City’s territory and climate issues. An automatic step is also not recommended for Santaquin City’s territory and climate issues.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- u. Right side entry door opening: 76"H X 30" W  
Rear entry door opening (double door): 61"H X 48” W

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 2.9 LICENSE PLATE HOLDER

Installed in the center of the rear kick plate above the rear step bumper there shall be a Cast Products license plate holder.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 2.10 TOW HOOKS

Installed in the rear kick plate above the rear step bumper there shall be a Cast Products recess for tow hooks and the hooks.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 2.11 DRY DECKING

Install dry decking in all compartment floors and shelves.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 2.12 CUSTOM CONSOLE

Santaquin City at pre-build meeting will be able to custom design their console for best ergonomic ease of switching and radio communication functions. A Federal-Signal LED “Little” light will provide night time map reading illumination.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 3.0 ELECTRICAL SYSTEM

### 3.1 ELECTRICAL SYSTEM

It should be noted that Santaquin City is requesting a non-proprietary “hard wired” (non-multiplexed) electrical system. Santaquin City intends to remount this module unit several times and non-proprietary “hard wired” (non-multiplexed) electrical systems will grant the best service life.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.2 ELECTRICAL SERVICE PANEL

All circuits shall be rated to carry at least 125% of its maximum load. Each circuit shall be protected by a manual reset circuit breaker. Circuit breakers and relays shall be mounted in plug-in, pull out sockets that are permanently mounted in a printed circuit board for durability, as well as weight and space savings. Relays should be a type that is readily accessible at any auto parts store. All circuit breakers shall be interchangeable with standard ATC automotive fuses so that system can be quickly returned to service.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.3 ELECTRICAL SERVICE PANEL ACCESS

The electrical service panel shall be mounted behind the hinged action wall and shall be easily accessible by activating a single latch allowing the switch panel section to swing down.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.4 ELECTRICAL LOAD MANAGEMENT SYSTEM

The distribution panel shall include a solid-state programmable load management system designed to sense when the charging system is not keeping up with the electrical demand. When this situation exists, the load manager will automatically shut down warning lights, one at a time in a programmed sequence until the electrical load is being sustained without discharge.

This system only functions when the unit is in park.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.5 SEQUENTIAL SWITCHING

A solid state Sequential Switching System shall be installed that will turn emergency lighting on/off in a staggered 1/2-second interval. This is designed to avoid dumping a sudden load on the alternator.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.6 ELECTRICAL WIRING

All of the vehicle's electrical equipment shall be served by circuits separate and distinct from the chassis electrical system. All electrical wiring shall be run in grease, oil, heat and moisture resistant looming. Harnesses shall be fastened with vinyl-clad clamps and grouted at any area they contact a metal edge. Every load carrying wire shall be a minimum of 12 gauge, and shall be color-coded and heat embossed with its function every 4 to 6 inches. There shall be at least a six-inch service loop of wire at the point of attachment to each component. All electrical connections shall be machine crimped; the use of Scotch-locks is strictly prohibited.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.7 12V DC OUTLETS

There shall be two (2) Cigar style 12V DC outlets and one (1) USB double outlet. One located in the action area and one in the right front bulkhead ALS compartment.

The USB double outlet is located in the action area.

12 Volt wiring shall be installed to ALL external compartments, with an access panel for customer to access, and add needed connections/outlets.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

3.8 110V AC SYSTEM

- a. There shall be a weatherproof 110V- 125V male receptacle rated at 20 amps with a spring-loaded cover assembly located on the front left corner of the module body for incoming 110-volt power. This receptacle shall be labeled. It shall be wired through one 15-amp circuit breaker. The circuit shall include two (2) 110-volt interior receptacles, one located in the action wall area and one in the ALS area. Both outlets shall illuminate per KKK-A-1822-F.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

- b. The weatherproof 110V- 125V male receptacle shall be upgraded to a Kussmaul 20 amps auto-eject receptacle with a red cover.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

3.9 LIGHTING, EMERGENCY

The unit shall be equipped with the following warning lights:

- 12) 9 x 7 red flashing LED lights with clear lenses as follows:
  - € 4) Facing forward
  - € 4) Facing rearward
  - € 2) Facing right
  - € 2) Facing left
- 4) Red LED's in Chrome Housings in the Grill.
- 4) Red LED lights
  - € 2) mounted in the Front Fenders.
  - € 2) mounted above the rear wheel.
- 1) Clear LED light installed top center forward.
- 1) Amber LED light installed top center rearward.

Circuit shall have a dual mode switch. "Primary" shall flash all lights. "Secondary" shall flash top red & amber lights only.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

3.10 SCENE LIGHTS - EIGHT WITH "TILT" (WIDE ANGLE)

There shall be two (2) LED 9 x 7 mounted on the front inside of the outer reds. There shall be four (4) LED 9 x 7 lenses mounted two (2) lights on the left side and two (2) lights on the right side inside of the reds. There shall be two (2) LED 9 x 7 mounted on the rear inside of the reds. A separate switch on the driver's switch panel shall control

each pair. In addition, the right side and rear scene lights shall activate when the right side or rear doors, respectfully, are open. Also, the rear sides and rears shall engage when vehicle is placed in reverse.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.11 DOOR SWITCHING

- a. Magnetic Door Switches shall be installed to activate Door Open, Compartment Open, Dome and Scene Lights via a PC board.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. The chassis key FOB Remote chassis door open switching shall be programed to activate Door Open/Close of the chassis and all module doors simultaneously.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- c. A hidden switch under the hood shall be programed to activate Door Open of the chassis and the module entry doors simultaneously. Option for a keyless entry pad on the drivers side front box, and on the rear box.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.12 SIREN AND SPEAKERS

Siren shall be a Whelen with wail, Yelp, Hi/Lo and Phaser sounds. Dual Cast Products speakers shall be mounted outboard in the face of the chrome front bumper, below the Headlight, in cast aluminum housings.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.13 LOW FREQUENCY TONES SYSTEM

System shall be a Whelen Howler Siren & Dual Speaker System using low frequency tones for intersections and high risk areas. Controller is to be mounted in the console next to the siren controller. Speakers are to be underneath the chassis behind the front bumper.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.14 SPOTLIGHT

There shall be a "300,000 candle power" spotlight, with eight foot coiled cord and momentary switch, permanently wired into front console. A "Mic" style storage clip shall be provided.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

3.15 LIGHTS, PATIENT COMPARTMENT

The ceiling headliner shall contain eight (8) High - Low intensity LED dome lights. The left and right banks of lights shall be switched separately. In addition, the left bank high mode can be switched from the drivers switch panel and will be activated by opening of

the side or rear entry doors. There shall be a timer switch installed in the right wall at the head of the squad bench. The timer switch will allow the middle bank of Dome Lights to turn on even when the master switch is in the off position.

In addition, a 10" LED light shall be in the action area.

All interior cabinets are to have LED lights inside of the cabinets that are on a separate switch from the rest of the interior lights.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

3.16 LIGHTS, ADDITIONAL SIGNAL

- a. The outside front face of the module below the outer 9 x 7 warning lights shall have two (2) amber 6 x 4 LED "directional arrow" lights. The left and right lights shall be switched separately by the chassis directional turn signal switch.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- b. The evenly spaced across the inside face of the rear module wall just below the ceiling shall have three (3) LED "clearance" (two (2) amber and one (1) red) lights. The left and right amber lights shall be switched separately by the chassis turn signal switch. The red light shall be switched by the chassis brake signal switch.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

3.17 CLOCK, PATIENT COMPARTMENT

A battery-powered digital clock with HH/MM/SS, with timer shall be located just above the rear patient entry doors and shall be visible from all seat locations.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

3.18 SUCTION - ON BOARD

An SSCOR/Board On Board suction system with an Impact E-12 Suction Pump shall be provided and mounted on the back wall above the action area counter top just forward of the CPR Seat.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

3.19 VENTILATION

A 138-CFM exhaust fan shall be mounted near the ceiling in the left rear of the patient compartment and shall be activated by a switch on the action wall.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

3.20 SWITCH CONSOLE, DRIVER'S

- e. There shall be a switch console mounted in the center of the cab floor between the seats in such a way as to not interfere with access to the dash yet easily accessible to the driver. The console shall be easily removable to allow access for service. There shall be space

provided for the installation of radios below the switches and gauges. The switch panel shall be esthetically appealing and incorporate modern switches and gauges as follows:

- |                          |                         |                          |
|--------------------------|-------------------------|--------------------------|
| • Master Switch          | • Left Scene            | • Silent Intercom Lights |
| • Load Manager/Sequencer | • Rear Scene            | • Door Ajar Light        |
| • Primary/Secondary      | • Right Scene           | • Compartment Open Light |
| • Siren/Horn             | • Rear Dome Lights      | • Voltmeter              |
| • Front Scene            | • Back up Alarm Disable |                          |

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**f. LOW VOLTAGE ALARM**

A Low Voltage Alarm shall sound when voltage drops below 11.8 volts for more than 120 seconds.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**3.21 SWITCH CONSOLE, PATIENT COMPARTMENT**

- a.** The following switches shall be in the rear control panel, which shall be hinged for easy access to components. They shall be mounted in a single row at an angle facing the center of the cot and the squad bench.

- |                       |                          |                                    |
|-----------------------|--------------------------|------------------------------------|
| • Left Dome High/Low  | Switches                 | 3 speed.                           |
| • Right Dome High/Low | • Driver Buzzer          | • Thermostat Control for Heat/A.C. |
| • Checkout Lights     | • Exhaust Fan            | • Interior Cabinet lights          |
| • Silent Intercom     | • Heat/A.C. Fan Control, |                                    |

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b.** All switches in front and rear panels shall be positive contact rocker type switches that are permanently marked by function, illuminate when activated and backlit for night visibility.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**3.22 CHARGER/INVERTER**

Vanner brand with 1050 watts of precisely regulated AC power and a 55 amp battery charger when plugged into shore power. Meets new GSA K-spec for charging and DC power.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

#### **4.0 PATIENT COMPARTMENT**

##### **4.1 FLOOR, PATIENT COMPARTMENT**

- a. The sub floor shall consist of .090" thick 3003 H14 corrosion resistant aluminum sealed watertight. Over the aluminum sub-floor there shall be a sheet of ¾", 13 ply, exterior grade plywood that is caulked and sealed.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- b. The floor is then to be covered with a single piece of commercial-grade, LON-COIN non-skid flooring which shall roll up the left wall and the squad bench approximately 3". Behind the linoleum at the base of the left wall and the squad bench, coving shall be installed providing a solid backing at the point of the bend in the floor. This coving shall run the full length of the left wall and the squad bench. Flooring shall be sealed at all edges to prevent water from seeping between the floor and cabinets.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- c. A formed 6 inch, full width stainless steel floor protection strip shall be installed forward of the rear patient compartment door seal. Additionally antiskid tape, 2 inch wide, is to be laid the full width just inside the rear entry doors over the floor protection strip.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

##### **4.2 CABINET'S, INTERIOR**

- a. All interior cabinets shall be built using ¾" cabinet grade, finished both sides, 7 ply, solid core, birch plywood. The use of plywood of any lesser quality or thickness is strictly prohibited. Santaquin City request this particular construction of interior cabinet as this design lends to multiple remount life compared to lessor designed wood cabinetry as well reduced road noise compared to that of aluminum cabinetry.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- b. All interior cabinets shall be constructed using wood screws. The use of staples or nails in the fastening of cabinet components is strictly prohibited.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- c. Exposed cabinet surfaces, interior and exterior, are to be covered with "Wilsonart" laminate. All cabinets and counter tops shall be caulked and sealed. Cabinets shall incorporate 1-inch aluminum radius corners throughout and have generous padding to lessen the chance of injuries in the event of an accident. Sliding Plexiglas windows shall be 1/4" thick with full height extruded aluminum handles mounted in full perimeter slide track. Door catches shall be flush-mount slam-type positive latching.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_



D. All interior cabinets shall be illuminated with led lights with a separate switch

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

#### 4.3 CABINETS

##### a. CABINETS, LEFT WALL

Cabinets shall be designed as per drawings with a one-piece molded Fiberglass countertop for the attendant in the action area. Storage cabinets shall be located in the left rear 42x25, above the CPR seat 33x7, and above the action area 50x16. The cabinet over the action area will have the same angle front to back as the cabinet. Under the CPR counter is a small cabinet 21x11.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

##### b. ACTION WALL

The action wall shall house the technician's console 40x13, two oxygen outlets, vacuum outlet, aspirator collection bottle, climate control thermostat and fan control, two 12-volt connections and one lighted 110V duplex outlet. The upper action wall area shall be hinged for ease of access.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

##### c. BULK HEAD CABINETS

Cabinets shall be designed per drawings. The driver side cabinet shall incorporate a floor mounted climate control unit. Unit shall drain directly through the floor. Air in-take shall be at floor level, while output shall be ducted overhead, across the bulkhead cabinets. The return air shall be filtered. Directly above the climate control unit shall be a storage area.

A horizontal cabinet 48x14 shall be located above the pass-thru at ceiling level. The right side shall have a KNOX BOX MedVault drug box 18x17 at ceiling level and inside/outside access 35x54 cabinets below all the way to floor level with two adjustable shelves, and two café style double full-length doors. The inside/outside cabinet shall be lighted at each shelf level with recessed lighting. The face of the overhead bulkhead cabinet doors shall be padded.

The bulkhead shall incorporate a pass through Plexiglas sliding window from the rear patient compartment to the front cab. This window shall be sealed and weather proof via a flexible rubber boot connection between the cab and the modular body.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

##### d. SQUAD BENCH CABINETS

Two cabinets 41x7 shall be mounted at the ceiling level directly over the entire length of the squad bench. They shall have “flip-up” style Plexiglas doors. There must be a minimum of 43” from the bottom of these cabinets to the top of the squad bench.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**e. CPR SEAT CABINET**

A single cabinet shall be mounted at the ceiling level directly over the entire length of the CPR seat. It shall have a “flip-up” Plexiglas door. There must be a minimum of 43” from the bottom of this cabinet to the top of the CPR seat cushion.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**f. SHELVING**

All interior cabinets that have shelving will have adjustable track style positioning.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**4.4 SEATING**

**a. SQUAD BENCH**

The squad bench base shall be constructed of .075” gauge stainless steel for strength and ruggedness”. The lid shall be split into two sections. Each lid will have a gas strut hold open device and paddle style latches. The interior shall be lined with white “Wilsonart” laminate. Three (3) seat belts shall be proved for squad safety.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**b. SEAT, EMT / ATTENDANT**

An attendant seat shall be located at the head of the primary cot. It shall be a high back deluxe seamless vinyl captain’s chair mounted on a base as approved by the seat manufacturer. A seat belt shall be proved for attendant safety.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**c. The attendant seat shall be upgraded to the 5point child seat option. The chair mounted base shall be upgraded to a storage cabinet for small O2 bottles or other supplies.**

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**d. SEAT, CPR**

A sidewall seat will be mounted in the center of the left wall with lift up seat for storage below. This seat will be comprised of three molded/contoured seamless vacuum formed vinyl cushions. A seat belt shall be provided for attendant safety. Cushions shall be vacuum-formed seamless. One inch Cushions shall be installed on three sides of head area.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**e. SEAT, CPR OPTION**

An optional CPR seat hinged back shall swing down to make a temporary contiguous action countertop with the CPR counter top.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

4.5 UPHOLSTERY

- a. All door panels, seat cushions, and protective pads shall be constructed of fire-retardant foam, covered with minimum 40-ounce vinyl. All seat and back cushions in the patient compartment shall be vacuum-formed seamless.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- b. The headliner shall be constructed of padded white vinyl in three sections, with the center section being removable to gain access to wiring.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

4.6 PANELING, INTERIOR

Exposed surfaces shall be mar, dent and scratch resistant. Walls shall be covered with high pressure Wilsonart laminate material.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

4.7 GRAB RAIL

- a. Overhead two (2) full-length stainless steel handicap style 1 1/2" diameter grab rail shall be installed on patient compartment ceiling. These rails shall be capable of supporting a minimum of 300 pounds. The rails shall be treated with Agion Anti-Bacterial Coating.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- b. Mounted on the squad bench wall near the side entry door, a vertically 24" in length stainless steel handicap style, 1 1/2" diameter grab rail shall be installed. This rail shall be capable of supporting a minimum of 300 pounds. The rail shall be treated with Agion Anti-Bacterial Coating.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

4.8 GRAB HANDLES, DOORS

All entry doors will have a matching heavy duty stainless steel handicap style 1 1/2" "V" bar grab handle that will be securely mounted slightly below the window. These Bars shall be treated with Agion Anti-Bacterial Coating.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

4.9 STAINLESS STEEL WALL

The lower left aisle wall shall be .060" stainless steel from action shelf down to floor. The stainless steel shall be installed after the floor is in place and installed over the edge of the floor. This will eliminate the seam and possibility of fluid retention.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

4.10 COT MOUNT

A Stryker “ POWER LOAD ” Cot Fastener shall be installed with all required wiring and mounting structures.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

4.11 INSULATION

- a. The entire patient compartment, walls and ceiling, shall be blanketed with two layers of Reflectix insulation. In between the two layers of Reflectix insulation shall be a 2” polystyrene insulation to provide exceptional insulation and sound deadening qualities. To make certain the insulation stays in place, all insulation in the vertical walls is to be glued in place.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 Reflectix insulation. Additionally there shall be a single layer of 2” polystyrene insulation installed in each door.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

4.12 CLIMATE CONTROL

- a. Rear climate control shall be floor mounted in driver side bulkhead cabinet to shorten refrigerant and anti-freeze hoses and eliminate vertical circulation. Condensation from high humid conditions shall drain directly through floor. Air intake shall be at floor level; output shall be at ceiling level with return air at floor level for increased airflow. Return air shall be charcoal and UV filtered.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. The unit shall be a Pro-Air with 32,000 BTU cooling capacity and a 35,000 BTU heating capacity. The blower motor shall have permanent magnets and be capable of delivering 630 CFM of airflow. It must be removable without removing entire heat/cool unit and without disconnection of any coolant lines.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- c. A thermostat shall control both heating and cooling with 3-speed manual fan control. The thermostat shall be located on the action wall.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

4.13 **SHARP'S AND WASTE CONTAINER**

Two (2) Sharp's containers with spring loaded lids for waste disposal shall be installed. One (1) through top of the action counter top and removal of waste through an access door in compartment #2. The second will be at the front end of the squad bench through the top with waste removal through an access door on the front face of the squad bench.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

4.14 **OXYGEN OUTLETS**

Oxygen system shall be plumbed with conductive hose from oxygen compartment to two Puritan-Bennett Ohio style oxygen outlets in the action area, and a third over the cot mounted in the ceiling.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**5.0 EXTERIOR BODY**

**5.1 REAR WHEEL WELL TRIM**

The rear wheel wells shall be trimmed with polished Stainless Steel Fenderettes that shall be attached to the body with stainless steel fasteners. There shall be a gasket placed between the aluminum body and the stainless steel fenderette for isolation of the dissimilar metals.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**5.2 RUB RAILS**

There shall be bolt on clear anodized extrusion rub rails with a wall thickness of (.187). They shall run the full length of the body and be mounted at the base of each side of each side of the body. The rub rails shall be spaced ¼ inch from the body with Delrin spacers.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**5.3 BUMPER, REAR STEP**

The rear step assembly shall be constructed of 1 ¾" X 1 3/4" tubular steel frame bolted to the chassis frame. The center section shall be non-skid grip strut, which will allow mud and snow to fall through the step. The center section shall be also hinged and flip up out of the way for closer ground to module cot transfer. The ends shall be constructed of diamond plate end caps with 18" X 4" X 4" heavy-duty rubber dock bumpers.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS \_\_\_\_\_

**5.4 DOOR STEP, SIDE**

The side doorstep shall be formed of aluminum diamond tread and shall be flush sweep out style. Antiskid tape, 2 inch wide, is to be laid the full width of the step just inside the entry door. Additionally there shall be a formed 3-inch, full width stainless steel floor protection strip installed over the flooring at the top of the step. An LED step well light is to be installed on the forward vertical wall of the step well with the wiring to be pulled

through the backside of the step well. The lower side of the step well shall be covered with Hush Mat to reduce road noise.

COMPLY? ..... YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**5.5** MODULE WINDOW

A sliding window approximately 32" x 16" will be installed on the passenger side centered over the squad bench. Inside next to the window will be a sliding white board for making notes. The board shall slide back and forth over and away from the window for privacy concerns as they arise.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**5.6** STONE SHIELDS

Diamond plate stone shields shall be installed on the front edge of the module body directly behind the cab at skirt level. These shields shall extend up the front of the box approximately 24 inches.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**5.7** EXTERIOR COMPARTMENT CONFIGURATION

NOTE: See Drawings for Exact Compartment Location and Dimensions

**a. #1 OXYGEN COMPARTMENT 18" x 90"**

The left front (street side) exterior compartment shall contain a "Zico" nylon triple collar bracket to house one "M" size oxygen cylinder. The O2 tank is to be stored in the aft side of the compartment. There shall be an interior access door to allow the attendant to turn the oxygen tank valve on/off from the patient compartment. A separate O2 compartment light shall be provided for the purpose of viewing the tank O2 gauge and be switched on/off from the action panel. A wrench is to be provided for changing the tank regulator. This wrench is to be secured in the compartment with a cable and mounted to the compartment wall when not being used.

This compartment shall have an aluminum divider located between the O2 tank and the storage side of the compartment at the height of the largest O2 bottle. A shelf is to be installed above the O2 bottle from wall to wall securing the divider. On the forward wall of the compartment there shall be a removable panel approximately 8" square in size located opposite of the shoreline plug. This panel, when removed, provides access to the shoreline plug when service or replacement is required.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**b. #2 GENERAL STORAGE COMPARTMENT 46" x 44"**

This compartment shall be located street side between the #1 compartment and the left side drive wheels and is to be used for general storage. There is to be a double door on this compartment. There shall be two (2) full width, full depth aluminum "pan" style storage shelves installed in the compartment. The shelf is to be mounted on two (2) sets

of infinitely adjustable uni-strut tracks at each end of the shelf with rubber matting covering the topside of the shelf. An accessible enclosure for the sharps and waste is mounted to the roof of the compartment. It will have an access door for waste removal.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**c. #3 WHEEL WELL COMPARTMENT**

Left side - None

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**d. #4 TURNOUT/SCBA COMPARTMENT 31" x 60"**

The left rear street side exterior compartment shall be for the storage of turnouts/SCBAs or the spare tire. A bracket is to be installed in the compartment for the securing of the tire. There shall be one (1) full width, full depth aluminum "pan" style storage shelf installed in the compartment. The shelf is to be mounted on two (2) sets of infinitely adjustable uni-strut tracks at each end of the shelf with rubber matting covering the topside of the shelf. There is to be a single door on this compartment.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**e. #5 CURBSIDE BACKBOARD COMPARTMENT 14" x 86"**

The right rear curb side exterior compartment shall be a single door full height vertical compartment for the purpose of storing backboards, stairchair and miscellaneous other related equipment. The compartment is to be divided equally with an aluminum divider and provide storage for two (2) backboards and shall have rubber "nerf" strips, two (2) on the floor and two (2) on the back wall of the compartment, for the protection of the backboards. There shall be a seat belt style-retaining strap installed for the purpose of securing the backboards. There shall be a shelf located on the forward side of the divider approximately 5' above the floor.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**f. #6 GENERAL STORAGE COMPARTMENT 17x25**

This compartment is to be located on the curbside forward of the #5 compartment and rearward of the right side rear wheels. This compartment is to provide exterior storage for miscellaneous equipment under the rear portion of the squad bench.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**g. #7 ALS IN/OUT ACCESS 18x70**

There shall be a single full-length door located at the right front (curbside) allowing for In/Out access to the ALS interior cabinet.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**5.8**     **LIGHTING, DOT/ICC REQUIRED**

The vehicle shall be equipped with factory chassis jewel affect daytime running head-lights and two amber park/turn lights on the front. The Module Body shall have at least 11 LED clearance lights with "each light having four (4) LED's and grounded via a ground wire". Each top front corner shall have amber lights mounted on the front and side of each corner. There shall be three red lights at the top rear center of the module. Each top rear corner shall have red lights mounted on the rear and side of each corner. There shall be three amber lights mounted on the center front of the cab roof. The rear of the module box shall have two 4" x 6" series amber LED arrow turn lights, two 4" x 6" series red LED tail/brake lights, two 4" x 6" series LED reverse lights. They will be mounted in chrome flanges on the modular body above the diamond plate in the above listed order top to bottom. Mounting of these lights shall be as far outboard on the rear of the module body as possible.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**6.0**     **BODY FINISH**

**6.1**     **PAINTING PROCEDURE**

An extensive 6-step painting process is to be followed and strictly adhered to as follows:

- a. Prior to paint all doors, chrome trim, lights, handles, steps, and all other attached equipment shall be removed to assure the paint process covers the entire body. No Weather-stripping will be attached to the body during the paint process.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. The entire outside of the body shall be sanded with a minimum of 180 grit sandpaper and cleaned and deburred of all rough edges. The entire body shall then be wiped clean with PPG DX436 wax and grease remover prior to painting.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- c. The body shall then be coated with (1) coat of PPG Delfleet Evolution F3993 Epoxy Primer followed by (2) coats of PPG Delfleet Evolution F3975 Urethane Primer. Once the primer has been applied the entire unit shall be baked at 150 degrees for a minimum of 30 minutes. The primer shall then be sanded prior to the application of the topcoat.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- d. Once the application of the primer has been completed, a topcoat consisting of (2) coats of PPG Delfleet Evolution FBC Color Coat is applied followed by (2) coats of PPG Delfleet Evolution F3921 Clear coat for a durable long lasting high gloss finish. The entire unit shall then be baked a second time at 160 degrees for a minimum of (45) minutes.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_



- e. After the body paint procedure is completed a band shall be applied at midline forming a continuous band around the vehicle. This band is to be painted with (2) coats of PPG Delfleet Evolution FBC Color Coat followed by (2) coats of PPG Delfleet Evolution F3921 Clear Coat.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- f. The final step shall then be to apply Rubberized undercoating to the underside of the cab and the body in strict adherence to Ford QVM guidelines and the KKK-1822- E Specification just prior to delivery.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- g. Warranty shall be a full 5-year / 100,000 mile **NON-PRORATED** Modular Paint Warranty.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 6.2 COLOR

Module color shall white matching the chassis factory paint code with heart beat stripe painted around the module in a red/maroon (department colors to be determined at prebuild) paint.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## 6.3 GRAPHICS

- a. 7/8 pin striping on either side of the heartbeat strip will be installed for reflective purposes and requirements

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. DECALS, STAR-OF LIFE

There shall be DOT approved decals provided as follows;

- |                     |                                |
|---------------------|--------------------------------|
| 2) 6" Star-Of-Life  | 1) 36" Star-Of-Life            |
| 2) 12" Star-Of-Life | 1) 4" Mirror-Image "AMBULANCE" |
| 2) 16" Star-Of-Life | 3) 6" "AMBULANCE"              |

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- c. DEPARTMENT GRAPHICS

Department graphics, with reflective qualities. Locations and size to be determined at prebuild.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## **7.0 PAYLOAD**

### **7.1 PAYLOAD**

There shall be a minimum of 3,650 lbs. of usable payload. Weight determination shall be made with standard unit, full complement of fuel, fluids and spare tire. Any optional equipment shall be deducted from payload.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

## **8.0 MISCELLANEOUS EQUIPMENT**

### **8.1 DECALS, NO SMOKING & OXYGEN EQUIPPED**

There shall be two NO SMOKING and two OXYGEN EQUIPPED signs, one each in the cab and one each in the patient compartment.

COMPLY? ..... YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

### **8.2 I.V. WARMER**

Minco temperature sensing for blood warming that will not exceed 41C. Each warming unit must quickly apply exact heat when necessary, but not overheat it.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

### **8.3 I.V. HOLDERS**

There shall be two recessed, swing-up dual I.V. bag holders mounted in patient compartment headliner. The holders shall be Cast Products (KKK-1822-F Approved).

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

### **8.4 O2 EQUIPMENT**

There shall be a dial type flow meter installed in the O2 plumbing for reading of tank pressure. Also an electric shut off solenoid with switch.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

### **8.5 GLOVE HOLDERS**

- a. There shall be five glove holders mounted vertically inside above the side entrance door. The holders shall hold a standard box of medical gloves.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

- b. There shall be two glove holders mounted horizontally inside above the rear entrance doors. The holders shall hold a standard box of medical gloves.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

### **8.6 ANTENNA PRE-WIRE**

Three (3) pre-wire antenna coaxial cable delivered to (two (2)) to the drivers switch

console and one (1) to the action area switch cabinet. There shall be a raceway provided to be able to run radio cable from the cab to the patient compartment.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**8.7 WIRING SCHEMATIC**

There shall be a complete **SPECIFIC** wiring schematic showing all circuits, including optional equipment included in the owner's manual.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**8.8 FIRE EXTINGUISHER**

There shall be one 5lb. fire extinguisher mounted in outside compartment. The exact location will be determined at prebuild.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**8.9 POWER LOAD PREP**

Prep work for the install of a power load system. Run wiring and extra structure underneath the floor.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**9.0 WARRANTY**

**9.1 WARRANTY**

- Three year / 36,000 mile Product Conversion Warranty.
- Six-year / 72,000 mile Electrical System Warranty.
- Five-year / 100,000 mile **NON-PRORATED** Modular Paint Warranty.
- **LIFETIME** Modular Body Structure Warranty.

There shall be no pro-rating allowed for any portion of the above listed warranties.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**9.2** For verification of the completed warranty terms stated above the Bidder must include printed manufacturer's warranty certificates that meet or exceed the minimum required periods stated above? Is the manufacturer's warranty included?

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**9.3** Warranties shall transfer from the ambulance manufacturer to the Santaquin City for their duration. All warranties shall be from the manufacturer as opposed to a distributor or service center. Warranties can be executed by the distributor or service center if authorized by the manufacturer. This is necessary for the protection of Santaquin City, and to guarantee a certain known level of service and warranty. The Bidder may NOT modify the manufacturer's warranties or shall be automatically rejected.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

- 9.4** Some components used in the build may have warranty terms that exceed the stated warranty by the printed manufacturer's warranty certificates stated above?

Manufacturer \_\_\_\_\_ Warranty \_\_\_\_\_

Manufacturer \_\_\_\_\_ Warranty \_\_\_\_\_

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

## **10.0 REQUIREMENTS OF THE MANUFACTURER**

### **10.1 KKK-A-1822-F CERTIFICATION**

This unit shall meet all KKK-A-1822-F specifications and the manufacturer shall have current documentation of compliance with all KKK-A-1882-F standards. Current KKK certification must be supplied with this bid.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

### **10.2 FORD QVM PROGRAM**

This unit shall meet all Ford QVM Program requirements and the manufacturer shall be a current member in good standing of the Ford QVM Program. Current QVM certification must be supplied with this bid.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

### **10.3 NTEA / AMD MEMBERSHIP**

The manufacturer shall be a current member in good standing of the Ambulance Manufacturers Division (AMD) of the National Truck & Equipment Association (NTEA). Current AMD certification must be supplied with this bid. The unit shall be built in compliance with all AMD "Standards".

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

### **10.4 REMOUNTING AND REFURBISHING**

The manufacturer must be capable of remounting and / or refurbishing used units. The facilities for such purpose shall be located at the manufacturer's primary location. The subcontracting of remounting and refurbishing is strictly prohibited. A current copy of the Remounting Warranty must be supplied with this bid.

COMPLY? .....YES \_\_\_\_ NO \_\_\_\_ INITIALS \_\_\_\_

**10.5 FORD POOL ACCOUNT PROGRAM**

The manufacturer shall be a current member in good standing of the Ford Pool Account Program.

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

**10.6 POSITIVELY NO EXCEPTIONS ALLOWED TO SECTIONS 9.1 THROUGH 10.5**

COMPLY? .....YES \_\_\_\_\_ NO \_\_\_\_\_ INITIALS\_\_\_\_\_

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