

INVITATION TO BID (ITB)
SANDOVAL COUNTY FIRE DEPARTMENT
COUNTY AMBULANCE



ITB# FY19-SCFD-02

Release Date: May 19, 2019

Due Date: June 6, 2019 at 3:00 p.m.

I. INTRODUCTION

A. PURPOSE OF THIS INVITATION TO BID

Sandoval County Board of County Commissioners is requesting sealed bids on behalf of the Sandoval County Fire Department from qualified bidders for the purchase of a new County Ambulance (NIGP Commodity Code # 07103). Responses will be accepted in the Finance Department, Attn: Ms. Trish Greene, Sandoval County Administrative Bldg., 1500 Idalia Road, Bldg. D 2nd floor, P.O. Box 40, Bernalillo, New Mexico up to 3:00 p.m. (Mountain Standard Time) on June 6, 2019. The Sandoval County Board of Commissioners reserves the right to reject any and all responses.

B. SCOPE OF BID

The Sandoval County Fire Department is soliciting sealed bids from prospective and qualified Bidders who will be able to provide the County with the purchase of a current model year, Type I Ford F-450 4 x 4 w/ 6.8L Gasoline Engine for a new County Ambulance that meets all the specifications outlined in this ITB.

C. PROCUREMENT MANAGER

1. Sandoval County has assigned a Procurement Manager who is responsible for the conduct of this procurement whose name, address, telephone number and e-mail address are listed below:

Name: Trish Greene, Senior Procurement Specialist
Address: Sandoval County
1500 Idalia Road Bldg. D 2nd Floor
PO Box 40
Bernalillo, NM 87004

Telephone: (505) 404-5873
Fax: (505) 867-7605
Email: tgreene@sandovalcountynm.gov

2. All deliveries of responses via express carrier must be addressed as follows

Name: Trish Greene, Senior Procurement Specialist
Reference ITB Name: County Ambulance
ITB# FY19-SCFD-02
Address: Sandoval County
1500 Idalia Road Bldg. D
PO Box 40
Bernalillo, NM 87004

3. **Any inquiries or requests** regarding this procurement should be submitted, in writing, to the Procurement Manager. Bidders may ONLY contact the Procurement Manager regarding this procurement. Other county employees or Evaluation Committee members do not have the authority to respond on behalf of the County. **Protests of the solicitation or award must be delivered by mail to the Protest Manager.** A Protest Manager has been named in this Request for Bids, pursuant to NMSA 1978, § 13-1-172, ONLY protests delivered directly to the Protest Manager in writing and in a timely fashion will be considered to have been submitted properly and in accordance with statute, rule and this Request for Bids. Emailed protests will not be considered as properly submitted nor will protests delivered to the Procurement Manager be considered properly submitted.

II. CONDITIONS GOVERNING THE PROCUREMENT

This section of the Invitation to Bid contains the schedule, description and conditions governing the procurement.

A. SEQUENCE OF EVENTS

The Procurement Manager will make every effort to adhere to the following schedule:

Action	Responsible Party	Due Dates
1. Issue ITB	Sandoval County	5-19-19
2. Return of Acknowledgement of Receipt Form	Bidders	5-22-19
3. Deadline to Submit Questions	Bidders	5-24-19 at 1 p.m.
4. Response to Written Questions	Potential Bidders	5-28-19
5. Submission of Sealed Bids	Bidders	6-6-19 at 3 p.m.
6. Bid Tabulation	Sandoval County	TBD
7. Commission Approval	County Commission	TBD
8. Bid Award	County Commission	TBD
9. Protest Deadline		+15 days

B. EXPLANATION OF EVENTS

The following paragraphs describe the activities listed in the sequence of events shown in Section II. A., above.

1. Issuance of ITB

This ITB is being issued on behalf of the Sandoval County Fire Department.

2. Acknowledgement of Receipt

Potential Bidders may e-mail, hand deliver, return by facsimile or registered or certified mail the "Acknowledgement of Receipt of Request for Bids Form" that accompanies this document, APPENDIX A, to have the Bidder placed on the procurement distribution list. The form should be signed by an authorized representative of the Bidder, dated and returned to the Procurement Manager by 5:00 p.m. MST or MDT on May 22, 2019.

The procurement distribution list will be used for the distribution of written responses to questions.

3. Deadline to Submit Written Questions

Potential Bidders may submit written questions to the Procurement Manager as to the intent or clarity of this ITB until May 24, 2019 at 1:00 p.m. Mountain Standard Time/Daylight Time as indicated in the sequence of events. All written questions must be addressed to the Procurement Manager as declared in Section I, Paragraph D. Questions shall be clearly labeled and shall cite the Section(s) in the ITB or other document which form the basis of the question.

4. Response to Written Questions

Written responses to written questions will be distributed as indicated in the sequence of events to all potential Bidders whose name appears on the procurement distribution list. An e-mail copy will be sent to all Bidder's that provide Acknowledgement of Receipt Forms.

5. Submission of Bids

ALL BIDS MUST BE RECEIVED FOR REVIEW AND EVALUATION BY THE PROCUREMENT MANAGER OR DESIGNEE NO LATER THAN 3:00 P.M. MOUNTAIN STANDARD TIME /DAYLIGHT TIME ON **June 6, 2019**. Bids received after this deadline will not be accepted or considered. The date and time of receipt will be recorded on each bid.

Bids must be addressed and delivered to the Procurement Manager at the address listed in Section I, Paragraph D2. **Bids must be sealed and labeled on the outside of the package to clearly indicate that they are in response to a new "County Ambulance and ITB# FY19-SCFD-02"**. Bids submitted by facsimile, or other electronic means will not be accepted.

A public log will be kept of the names of all Bidders that submitted bids. Pursuant to NMSA 1978, § 13-1-116, the contents of bids shall not be disclosed to competing potential Bidders during the negotiation process. The negotiation process is deemed to be in effect until the contract is awarded pursuant to this Request for Bids.

6. Bid Tabulation

Any Contractual agreement(s) resulting from this ITB will be finalized with the most advantageous Bidder(s) as per schedule Section II. A., Sequence of Events or as soon thereafter as possible. This date is subject to change at the discretion of the Sandoval County.

7. Commission Approval

The contract shall be awarded to the Bidder whose Bid is most advantageous to Sandoval County and Sandoval County Fire Department. The award is subject to appropriate Sandoval County Commission approval.

8. Bid Award

After review of the bids, the contract for the item(s) or services will be awarded to the lowest Responsible and Responsive Bidder meeting or exceeding the required specifications for this sealed bid.

9. Protest Deadline

Any protest by a Bidder must be timely and in conformance with NMSA 1978, § 13-1-172 and applicable procurement regulations. As a Protest Manager has been named in this Request for Bids, pursuant to NMSA 1978, § 13-1-172, ONLY protests delivered directly to the Protest Manager in writing and in a timely fashion will be considered to have been submitted properly and in accordance with statute, rule and this Request for Bids. The 15 calendar day protest period shall begin on the day following the award of contracts and will end at 5:00 pm Mountain Standard Time/Daylight Time on the 15th day. Protests must be written and must include the name and address of the protestor and the request for proposal number. It must also contain a statement of the grounds for protest including appropriate supporting exhibits and it must specify the ruling requested from the party listed below. The protest must be delivered to:

Trish Greene, Senior Procurement Specialist
Sandoval County
1500 Idalia Road Bldg. D 2nd Floor
PO Box 40
Bernalillo, NM 87004

Protests received after the deadline will not be accepted.

C. GENERAL REQUIREMENTS

1. Acceptance of Conditions Governing the Procurement

Potential Bidders must indicate their acceptance of the Conditions Governing the Procurement section in the Letter of Transmittal. Submission of a bid constitutes acceptance of the all factors described herein.

2. Incurring Cost

Any cost incurred by the potential Bidder in preparation, transmittal, and/or presentation of any bid or material submitted in response to this ITB shall be borne solely by the Bidder. Any cost incurred by the Bidder for set up and demonstration of the proposed equipment and/or system shall be borne solely by the Bidder.

3. Prime Contractor Responsibility

Any contractual agreement that may result from this ITB shall specify that the prime contractor is solely responsible for fulfillment of all requirements of the contractual agreement which may derive from this ITB.

4. Amended Bids

A Bidder may submit an amended proposal before the deadline for receipt of Bids. Such amended Bids must be complete replacements for a previously submitted proposal and must be clearly identified as such in the transmittal letter. The County personnel will not merge, collate, or assemble proposal materials.

5. Bidder's Rights to Withdraw Proposal

Bidders will be allowed to withdraw their Bids at any time prior to the deadline for receipt of Bids. The Bidder must submit a written withdrawal request addressed to the Procurement Manager and signed by the Bidder's duly authorized representative.

The approval or denial of withdrawal requests received after the deadline for receipt of the Bids is governed by the applicable procurement regulations.

6. Bid Offer Firm

Responses to this ITB, including proposal prices for services, will be considered firm for one hundred twenty (120) days after the due date for receipt of Bids or ninety (90) days after the due date for the receipt of a best and final offer, if the Bidder is invited or required to submit one.

7. No Obligation

This ITB in no manner obligates Sandoval County to the use of any Bidder's services until a valid written contract is awarded and approved by appropriate authorities.

8. Termination

This ITB may be canceled at any time and any and all Bids may be rejected in whole or in part when the agency determines such action to be in the best interest of Sandoval County.

9. Sufficient Appropriation

Any contract awarded as a result of this ITB process may be terminated if sufficient appropriations or authorizations do not exist. Such terminations will be effected by sending written notice to the contractor. The County's decision as to whether sufficient appropriations and authorizations are available will be accepted by the contractor as final.

10. Legal Review

The County requires that all Bidders agree to be bound by the General Requirements contained in this ITB. Any Bidder's concerns must be promptly submitted in writing to the attention of the Procurement Manager.

11. Governing Law

This ITB and any agreement with a Bidder which may result from this procurement shall be governed by the laws of the State of New Mexico.

12. Basis for Bid

Only information supplied, in writing, by Sandoval County through the Procurement Manager or in this ITB should be used as the basis for the preparation of Bidder Bids.

13. Bidder Qualifications

The Evaluation Committee may make such investigations as necessary to determine the ability of the potential Bidder to adhere to the requirements specified within this ITB. The Evaluation Committee will reject the proposal of any potential Bidder who is not a Responsible Bidder or fails to submit a responsive offer as defined in NMSA 1978, § 13-1-82 and 13-1-85.

Bidders must, upon request of the County, provide information and data to prove that the financial resources, production or services facilities, service reputation and experience are adequate to make satisfactory delivery of materials and/or service.

14. Right to Waive Minor Irregularities

The Evaluation Committee reserves the right to waive minor irregularities. The Evaluation Committee also reserves the right to waive mandatory requirements

provided that all of the otherwise responsive Bids failed to meet the same mandatory requirements and the failure to do so does not otherwise materially affect the procurement. This right is at the sole discretion of the Evaluation Committee.

15. Notice of Penalties

The Procurement Code, NMSA 1978, § 13-1-28 through 13-1-199, imposes civil, misdemeanor and felony criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities and kickbacks.

16. Right to Publish

Throughout the duration of this procurement process and contract term, Bidders and contractors must secure from the County written approval prior to the release of any information that pertains to the potential work or activities covered by this procurement and/or County contracts deriving from this procurement. Failure to adhere to this requirement may result in disqualification of the Bidder's proposal or termination of the contract.

17. Ownership of Bids

All documents submitted in response to the ITB shall become property of the Sandoval County.

18. Confidentiality

Any confidential information provided to, or developed by, the contractor in the performance of the contract resulting from this ITB shall be kept confidential and shall not be made available to any individual or organization by the contractor without the prior written approval of the County.

The Contractor(s) agrees to protect the confidentiality of all confidential information and not to publish or disclose such information to any third party without the procuring County's written permission.

19. Use of Electronic Versions of this ITB

This ITB is being made available by electronic means. In the event of conflict between a version of the ITB in the Bidder's possession and the version maintained by the agency, the Bidder acknowledges that the version maintained by the County shall govern.

20. Use by Other Government Agencies

By submitting a bid, the Bidder indicates that they understand and agree that other local public bodies and state agencies with the State of New Mexico, if allowed by their governing directives, may contact for the goods and services included in this procurement document with the awarded Contractor(s). Contractual engagements accomplished under this provision shall be solely between the awarded Contractor and the contracting government entity with no obligation or liability by Sandoval County.

21. Campaign Contribution Disclosure Form

Bidder must complete, sign, and return the Campaign Contribution Disclosure Form as a part of their proposal. Failure to complete and return the signed unaltered form will result in disqualification.

22. Letter of Transmittal

Bidder's proposal must be accompanied by the Letter of Transmittal Form which must be completed and signed by an individual person authorized to obligate the company. The letter of transmittal MUST:

1. Identify the submitting business entity.
2. Identify the name, title, telephone, and e-mail address of the person authorized by the Bidder organization to contractually obligate the business entity providing the Offer.
3. Identify the name, title, telephone, and e-mail address of the person authorized to negotiate the contract on behalf of the organization (if different than (2) above).
4. Identify the names, titles, telephone, and e-mail addresses of persons to be contacted for clarification/questions regarding proposal content.
5. Sub-contractor will not be authorized for this procurement.
6. Identify the following with a check mark and signature where required:
 - a. **Explicitly** indicate acceptance of the Conditions Governing the Procurement **Explicitly** indicate acceptance of Section VII of this ITB; and
 - b. Acknowledge receipt of any and all amendments to this ITB.
7. Be signed by the person identified in para 2 above.

24. New Mexico Preferences

To ensure adequate consideration and application of NMSA 1978, § 13-1-21 (as amended), Bidders **must** include a copy of their preference certificate with their proposal. Certificates for preferences must be obtained through the New Mexico Department of Taxation & Revenue:

<http://www.tax.newmexico.gov/Businesses/in-state-veteran-preference-certification.aspx>.

A. New Mexico Business Preference

OR

B. New Mexico Resident Veterans Business Preference

In addition to a copy of the certification, the Bidder should sign and complete the Resident Veterans Preference Certificate form, as provided in this ITB.

An agency shall not award a business both a resident business preference and a resident veteran business preference.

The New Mexico Preferences shall not apply when the expenditures for this ITB includes federal funds.

III. RESPONSE FORMAT AND ORGANIZATION

This section describes the format and organization of the Bidder's responses. Failure to conform to these guidelines may result in the disqualification of the bid.

A. NUMBER OF RESPONSES

Bidders shall submit only one bid in response to this ITB.

B. NUMBER OF COPIES

Bidders shall deliver one (1) original, one (1) copy and one (1) electronic PDF copy will be required with the submission of signed and sealed bids to the location specified in Section 1 Paragraph C on or before the closing date and time for the receipt of bids.

C. BID CONTENTS

All Bids **MUST** contain the following items:

- 1. COMPLETED, SIGNED AND TO BE E-MAILED/FAXED**
Acknowledgement of Receipt Form (Appendix A)
- 2. COMPLETED AND SIGNED** Campaign Contribution Disclosure Form (Appendix B)
- 3. COMPLETED AND SIGNED** Letter of Transmittal Form (Appendix C)
- 4. COMPLETED AND SIGNED** Resident Veterans Certification (Appendix D) if applicable
- 5. COMPLETED AND SIGNED** Conflict of Interest Affidavit (Appendix E)
- 6. COMPLETED AND SIGNED** Non-Collusion Affidavit (Appendix F)
- 7. COMPLETED AND SIGNED** Bid Form (Appendix G)

D. BID FORMAT

All Bids must be submitted as follows:

1. Typewritten on standard 8 ½ x 11 inch paper (larger paper is permissible for charts, spreadsheets, etc.) and placed within binders with tabs delineating each section.
2. Quotes: The quote is to include all items covered in the Scope of Work.
3. Delivery Time: Delivery time stated in the specifications shall apply.
4. Payment Terms: Bidder must identify the payment terms offered in Bid Documents.

IV. SPECIFICATIONS AND REQUIREMENTS

Awardee will provide a new County Ambulance that will comply with the specifications listed below:

A. SCOPE AND GENERAL REQUIREMENTS

1. This specification describes a commercial cab chassis with a transferable modular body converted into a Type I, 4X4 ambulance configuration as defined in the currently approved Federal Specification for Star-of-Life Ambulance KKK-A-1822 inclusive of all GSA change notice requirements through CN #11. Unless otherwise specified, this vehicle shall be manufactured in accordance with these current requirements along with the design and safety requirements of the National Highway Traffic Administration and the U.S. Department of Transportation. Documentation shall be submitted with the bid that validates the manufacturer's current and full compliance with the current KKK-A-1822 requirements or submits proof of the manufacturer's intent to have this testing completed prior to delivery of the proposed new ambulance. The completed vehicle shall not be accepted if not in full compliance. The ambulance described herein shall be type and model tested to and in compliance with the National Truck Equipment Association's Ambulance Manufacturing Division, Standards 001 – 027 and all currently required SAE test requirements. Certifications must be current to manufacturer's most recent manufacturing/engineering design criteria.
2. The standard for the configuration and design of this ambulance exceeds the current KKK Federal Specification due to the requirements of this department. Manufacturers who are unwilling or unable to meet the requirements herein will not be considered.
3. The primary manufacturer shall submit proof that it is a 'member in good standing' with the Ambulance Manufacturers Division (AMD) of the National Truck Equipment Association (NTEA).

4. The purpose of these specifications is to provide a set of minimum general requirements and test parameters for the manufacture of an emergency medical care ambulance that meets the needs and desires of this agency. The bidder is responsible for understanding that this specification establishes the essential criteria for design, performance, equipment and appearance of the ambulance or rescue vehicle. This specification requires an all- aluminum modular exterior and interior wall structure. The compartment and cabinet sizes are critical and changes will not be allowed. While it is not the intent of this specification to preclude any qualified bidder, it must be clear that any bidder deviating in any substantial manner from these specifications will be rejected as non-compliant.
5. This is an engineer, design, construct and delivery type specification and it is not the intention of this agency to write out vendors or manufacturers of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around specific needs of this agency. With the intent to standardize certain components, we have named specific brands of components in number of different places. This has been done to establish a certain standard of quality. Other brands will be accepted providing the vendor provides documentation in the bid that the particular brand offered meets or exceeds the quality of the actual brand called for in the specification.
6. All bid prices shall be complete and include warranty and delivery of the completed vehicle to the purchaser. Payment shall be made in accordance with the terms, and conditions of these specifications. Payment will be made upon delivery and acceptance of the vehicle(s) and equipment specified herein.
7. All bid prices and conditions must be specified on the Bid Proposal Form. Bid prices shall be valid for 30 days from the date of the bid opening, or as otherwise specified in the bid proposal. Payment in full will be made as each unit is received, inspected and found to comply with these specifications. The vehicles(s) shall be free of damage and properly invoiced.
8. By submission of this signed bid response, the bidder certifies under penalty of perjury, that to the best of his/her knowledge that the pricing in this bid response has been prepared independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such pricing with any other bidder or competitor. The bidder also acknowledges that the pricing quoted has not been discussed with or disclosed by the bidder prior to the opening of the bid, either directly or indirectly.

B. MANUFACTURER

1. Shall be a modified vehicle up fitter approved by the OEM chassis manufacturer whose chassis is used to complete this Specified vehicle. Additionally, and regardless of the OEM Chassis supplier, the manufacturer shall hold current acceptance in the Ford Motor Company Qualified Vehicle Modifier Program, and shall submit documentation indicating acceptance by Ford Motor Company as a QVM Modifier as part of the bid proposal. This acceptance insures the integrity of the “conversion” of a vehicle into an ambulance regardless of chassis make.

2. Shall submit a copy of current certification of compliance with current Federal Specification KKK-A-1822 requirements for the type vehicle described herein, as prepared by an ISO/IEC 17025 certified and/or in industry accepted independent, third- party testing laboratory.
3. Shall carry not less than ten million dollars (\$10,000,000.00) in product liability insurance.
4. Shall employ full-time Parts personnel.
5. Shall employ a full-time Electrical Engineer.
6. Shall employ a full-time Service/Warranty Representative.
7. Shall furnish custom Computer Aided Design (CAD) interior and exterior construction drawings specific to the vehicle to be produced under this Specification. Drawing dimensions must comply with AMD Standard 019-Measuring Guidelines: Cabinets and Compartments. The drawing package shall include the following:
 - Street side Exterior Detail
 - Curbside Exterior Detail
 - Front & Rear Exterior Detail
 - Street side Interior Detail
 - Curbside Interior Detail
 - Front & Rear Interior Detail
 - Overhead Floor Layout Detail
 - Overhead Ceiling Layout Detail
8. Shall furnish custom CAD electrical illustrations (including physical layouts of switch panels and electrical component mounts) and electrical schematics specific to the vehicle to be produced under this Specification.
9. The ambulance and the allied equipment required by this specification shall be the manufacturer's current commercial ambulance model of the type and class specified. The ambulance shall be complete with the required options and accessories as specified herein. Items will be furnished with such modifications as may be necessary and specified to enable the ambulance to function reliably and efficiently in a strenuous, sustained operation. The design of the vehicle and the specified options shall permit accessibility for servicing, replacement and adjustment of components and accessories with minimum disturbance to other components and systems. The term "heavy-duty" as used, shall describe equipment or items that are in excess of the usual quality or capacity that is normally supplied with standard production vehicles or components.

This department requires that the manufacturer of the ambulance be a 100% American owned company. American owned defines the manufacturer as well as the

majority equity owners of the manufacturer as US companies, individuals and/or stockholders.

The ambulance and the allied equipment required by this specification shall be the manufacturer's current commercial ambulance model of the type and class specified.

10. The bidder shall be obligated to provide an estimated delivery time from award of bid and a selection of flooring, upholstery and graphics design and colors for the customer to make the appropriate selections. These color selections shall become a part of the customer's order and the bidders manufacturing document.
11. Bidder must furnish all information as requested. Additionally the bidder shall supply descriptive literature and complete specifications covering the products offered. Bids not meeting this requirement will be rejected. No Exceptions.
12. The bidder's proposal packet shall include copies of all warranties listed in these following detailed specifications. The minimum acceptable required warranties are: Conversion Warranty, Electrical Warranty, Modular Structural Warranty and Paint Warranty. The bidder shall include a copy of these warranties within the proposal package. If the bidder does not include a copy of the warranties, the bid will automatically be rejected.

C. CHASSIS

1. TYPE I AMBULANCE: The apparatus shall be a Type I, 4x4, 2-door, current year model Ford F-450 x 193"WB cab/chassis with a transferable, modular ambulance body.
2. AMBULANCE PREPARATON PACKAGE: The chassis provided shall be equipped with a 47A ambulance preparation package designed and installed by the chassis O.E.M. The package shall be designed to meet the demands and duty cycles inherent in Emergency Medical Vehicles.
3. THROTTLE – HIGH IDLE: An O.E.M. throttle control shall be provided. The throttle shall be programmed for charge protect. The throttle control module shall be set to engage when the unit is placed in park with the emergency brake set.
4. GROSS VEHICLE WEIGHT RATING (GVWR): The GVWR of the chassis supplied shall be at least 16,500 pounds.
5. FRONT AXLE WEIGHT RATING (GAWR): The GAWR shall be rated at no less than 6,500 (4x2) or 7000 (4x4) pounds.
6. REAR AXLE WEIGHT RATING (GAWR-R): F-450: The GAWR-R shall be rated at no less than 12,000 pounds.
7. REAR SUSPENSION: 2.6.1 REAR SUSPENSION: The chassis shall be equipped with a Liquid Spring (F-450) DS129FS3 suspension. The system shall be designed

to automatically dump when the street side rear door is opened and shall automatically raise when the door is closed. An “aid dump override” switch shall be installed on the curbside rear wall at the rear doors.

8. REAR AXLE TYPE AND RATIO: The axle type shall be limited slip differential with a 4.10:1 gear ratio.
9. ENGINE: A 6.8L Triton V 10 gasoline engine with 362 HP and 457ft.-lb. torque shall be provided. The engine performance shall comply with or exceed KKK-A-1822F and AMD Standards 005- 12-Volt DC Electrical System Test, 014- Engine Cooling System Test, 017- Road Test and 022- Cold Engine Start Test.
10. TRANSMISSION: A 6-speed TorqShift® Overdrive, electronic automatic transmission with overdrive shall be provided.
11. BATTERIES/ALTERNATOR: Unless otherwise requested, two batteries shall be mounted to provide easy access for servicing. The batteries shall be at least 750 CCA each and will be located (2) under the hood. The chassis shall include dual alternators with a combined rating of 377amps.
12. BRAKES: 4-wheel anti-lock, power assisted hydraulic brakes shall be supplied by the O.E.M. The brakes shall be 4-wheel Disc type. The parking brake shall be an independent mechanical brake, provided by the O.E.M.
13. TIRES: All tires shall be identical make, tread type, size and load range. For aforementioned GVWR the tires shall be LT225/70R19.5G. A label with the recommended tire pressure shall be located on the driver’s door “B” pillar, unless specified otherwise by the purchaser.
14. STAINLESS STEEL WHEEL INSERTS: Stainless Steel Wheel Inserts shall be installed. Both rear wheels shall have braided valve extenders installed. Wheel inserts shall not be attached to the wheels utilizing the OEM lug nuts.
15. MUD FLAPS: Heavy duty rubber Mud Flaps shall be provided behind the rear dual wheels.
16. SPARE TIRE: One (1) spare tire and wheel assembly matching the size and rating mounted wheels and tires shall be supplied and shipped loose.
17. OCCUPANT RESTRAINT SYSTEM: The front, forward facing cab seats shall be equipped with O.E.M. installed Type II lap and shoulder belt assemblies.

The seat belts shall have pre-tensioners built into the seatbelt assembly to take up belt slack during a frontal collision. The seat belt assemblies shall meet or exceed F.M.V.S.S. 208 and 209. Any transition trim panels installed in the cab shall not interfere with the swivel arc of the shoulder rings.

18. SUPPLEMENTAL RESTRAINT SYSTEM: An O.E.M. air bag shall be installed on the driver and passenger side. Permanent or quick release ambulance conversion components shall not interfere with air bag deployment. The air bags must be completely operational. Modifications by the secondary manufacturer are not acceptable.
19. FUEL TANK: The fuel capacity shall be at least 40 U.S. gallons. The fuel range shall be at least 250 miles per KKK-A-1822F 3.4.8.
20. CAB SEATS: Included in the 18C interior upgrade package shall be O.E.M. High back, stain-resistant cloth covered bucket type seats shall be provided in the cab. The seats shall adjust forward and aft. Seat base must be O.E.M. After-market seats and/or bases are not acceptable due to certified requirements regarding S.R.S. (Air bag) deployment geometry. The seats shall be moisture repellant in case of contact with blood or body fluids.
21. CAB STEREO: An O.E.M. AM/FM/CD in dash radio shall be included with the chassis.
22. MIRRORS: Dual electrically controlled power remote/heated, extending mirrors with built in convex mirror shall be provided.
23. DOOR LOCKS: The cab doors shall have O.E.M. power door locks. A momentary rocker type switch shall active (Lock/Unlock) both cab doors.
24. TRIM PACKAGE: The chassis shall be equipped with a complete XLT trim package supplied the Ford Motor Company. The package shall include the 18A exterior upgrade package with high quality chrome-like bright work on the grille face. Chrome plated steel bumper(s) shall also be supplied by the O.E.M. Argent or painted bumpers are not acceptable. The O.E.M. grille shall not be replaced with any aftermarket materials; it shall remain as provided by the O.E.M.
25. RUNNING BOARDS: Running boards shall be constructed of CNC cut and formed .125 aluminum diamond plate and provide "splash guard" components to protect the running board surfaces from front wheel wash. The running boards shall include a CNC punched starburst pattern to provide a skid resistant step surface.
26. UNDERCOATING: Chassis and module shall be fully undercoated in accordance with the chassis manufacturer's guidelines.
27. WINDSHIELD SUN VISORS: OEM, stain resistant cloth covered sun visors shall be installed over the driver's and passenger's sides of the windshield.

28. DAYTIME RUNNING LIGHTS: The chassis shall come equipped with OEM daytime running lights.

D. MODULE CONFIGURATION

1. OVER ALL LENGTH: The overall length of the vehicle shall not exceed three hundred and two inches (302"). The finished vehicle shall meet or exceed KKK-A-1822F 3.4.10.4 for Angle of Departure, Ramp Break Over and Angle of Approach.
2. MODULE LENGTH: The module length shall be at least one hundred seventy (170") inches measured from outside the front modular wall skin to outside the rear modular wall skin.
3. MODULE WIDTH: The module width shall comply with State requirements regarding width of vehicles permitted on its roads and highways. The module shall be ninety-six (96") inches wide from outside the curbside module wall skin to outside the street side module wall skin, excluding lights and accessories. The rear wheels of the chassis shall not extend further than 2" from the vertical sidewall and be covered by fender flares as cited in Item 12.5 of this Specification.
4. PATIENT COMPARTMENT HEADROOM: The headroom within the module shall be seventy-two (72") inches. The measurement shall be taken from the center of the patient compartment floor to the ceiling panel.
5. BULKHEAD CONFIGURATION: The bulkhead wall shall be open by a cab height crawl/walk thru opening.
6. COMPARTMENT CONFIGURATION: The minimum compartment dimensions are as follows and as depicted in the CAD drawings attached to the Specification.

E. MODULE CONSTRUCTION - GENERAL

1. The ambulance body shall be all aluminum. The body sheet shall be reinforced with structural members designed to resist deflection and penetration and withstand conditions as per Federal Specification KKK-A-1822F 3.10.5 and AMD Standards 001- Ambulance Body Structure Static Load Test, 002- Body Door Retention Components Test, 007- Patient Compartment Carbon Monoxide Level Test, 010- Water Spray Test, and 013- Weight Distribution Guidelines.
2. BODY STRUCTURE ALLOY: The side, front and rear aluminum skin shall be .125" x 5052-H32 aluminum sheet. The roof sheet shall be one piece .090" x 5052-H32, from roof rail to roof rail. The side, front, rear and roof structural shapes shall be extruded 6005-T61 aluminum. The ambulance supplier represented in this bid is required to be the manufacturer of the modular body: this agency will not accept bids from ambulance manufacturers that sub-contract the ambulance body build process to an alternate supplier.

All frame and structural members shall be MIG (metal inert gas shielded) welded together to form a "roll cage" type structure. No rivets, screws, adhesive or other mechanical fasteners shall be used for the attachment of any structural or frame member used to form this critical structure.

3. **BODY WARRANTY:** The body shall carry a "Lifetime" structural warranty following the date of delivery to the end user. The warranty shall cover repairs or replacement of body elements or components that fail due to structural defects in materials and workmanship.
4. **STRUCTURAL INTEGRITY:** The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a stand-alone static load test on a type-tested body. The test shall be conducted in accordance to AMD Standard 001. The test weight shall be applied at no less than 3 times the curb-weight of the finished vehicle to both the top and either the street side or curbside of the ambulance module.
5. **BODY PANEL MANUFACTURE:** Each body panel, front wall, rear wall and two side walls shall be manufactured utilizing .125" aluminum sheet, 2"x2"x.125" primary and 1"x2"x.125" 6005-T61 secondary extruded aluminum framework spaced 16" or less on center with the voids between the tubular structure filled with 2" thick block Styrofoam and finished on the interior with .125" laminated Luan. These composite wall panels shall be integrated utilizing a combination of high strength, industrial adhesive materials that are vacuum cured to form a solid, void-less, penetration resistant body panel. The use of rivets, screws or VHB tape to attach the wall skin to the superstructure will not be accepted.

The four vertical corners shall be configured so that the actual corner wall extrusions overlap allowing the wall sections to have full, vertical seam welds outside. This offset will also allow for the four vertical corners to be stitch-welded in 5" – 6" increments every 5" along the full vertical contact point inside.

Similarly, the four sidewall structures at the roofline shall be full seam welded around the entire horizontal perimeter of the roof and stitch-welded in 5"-6" increments every 5" around the full horizontal perimeter inside. Four full-welded vertical corner seams and four full-welded horizontal roof seams shall be covered with .090" extruded aluminum, radius corner extrusion welded at the corner caps and bonded with Lords 406-17 acrylic adhesive creating an integrated corner support column. The cast aluminum corner caps shall be seam-welded in place. All exterior body holes for lighting or other appliances shall be routed, drilled or punched prior to prime and paint process to assure complete coverage of raw metal and to reduce the possibility of paint breaks and resulting corrosion.

6. **MODULE INSULATION:** The insulation material installed in the walls and ceiling shall be 2" thick, 1-lb. high density block foam insulation. The material shall be cut so that it fits securely between the structural wall members and will be installed with a full urethane coating along both sides of the material to provide a permanent

- bond between the outer wall skin and the interior liner. The front, side, rear and roof wall panels will be filled providing full wall insulation.
7. REMOUNTABLE: The body structure shall be designed to be remounted to like chassis with same cab-to-axle dimensions.
 8. WELD QUALITY: All welds within the modular body shall meet American Welding Society codes for structural and sheet welding. All weld sites shall be cleaned prior to welding. All welds shall be free of cracks, cavitations, oxidation and foreign substances. All MIG welds shall be shielded with Argon, during the process.

F. FLOOR STRUCTURE

1. FLOOR MEMBERS: The floor shall be at the lowest level permitted by clearances and shall meet the floor height requirements of KKK-A-1822F, 3.4.10.6. The floor structure shall consist of 2" x 2" x .250" 6061-T6 primary and 2" x 2" x .125" and 1" x 2" x .125" 6005-T61 secondary structural aluminum tubing. The finished assembly shall be full length welded to the wall structures at all contact points above and below the side, front and rear walls. All full width lateral floor structural members shall be 2" x 2" x .250 6061-T6 structural aluminum tubing. There shall be .50" aluminum plating welded into the floor structure to facilitate mounting of the Technician's seat base and the cot retention hardware. The floor weight bearing capability shall be compliant with AMD Standard 020- Floor Distributed Load Test, S4.3 Bariatric Load.
2. MOISTURE BARRIER: Over the floor substructure there shall be applied a moisture barrier of .060 inch thick aluminum skin. This skin shall be attached to the floor structure by a full bed of industrial adhesive. This adhesive bed shall be adequate to completely seal the patient compartment from fumes and moisture penetrating the interior.
3. CARBON MONOXIDE PROTECTION: To prevent carbon monoxide penetration into the patient compartment, it is imperative that the entire underside of the modular body be sealed. All hollow corner structural members shall be sealed with either expansion foam or sealed metal plates. This completed vehicle shall be compliant with AMD Standard 007- Patient Compartment Carbon Monoxide Test.

G. SIDE STRUCTURE

1. SHEET: The skin covering the front, sides, and rear walls shall be a .125" single aluminum sheet with an alloy and temper strength of 5052 H32 for strength, ease of welding, and corrosion resistance. Modular bodies fabricated from "multi-piece" front, rear or side skins are not acceptable to this agency.

The side skin shall be .125" and will have an alloy and temper strength of 5052 H32. The skin shall be attached to the side wall super structure with a high strength structural Methacrylate adhesive with a minimum tensile strength of 2,150 PSI and a minimum tensile modulus of at least 157,090 PSI. The material shall be applied

full length to every structural member prior to assembly and then cured in a vacuum bonding process to provide even and consistent adhesion of the skin to the structural extrusions. In no case may screws, rivets or other mechanical fasteners be used to attach the skin to the lateral roof bows.

2. **SIDE STRUCTURAL MEMBERS:** The side assembly shall be reinforced vertically with extruded square aluminum structural tubing a minimum of sixteen (16) inch centers. These structural members shall be 2"x 2"x.125" 6005-T61 extruded square tubing. To minimize the possibility of the extrusion bending, twisting or suffering other deformation when stressed, the extrusion shall be designed that each boxed formed corner extrusion on the sides, front, rear, and roof overlap the opposing extrusion, thus allowing for full length vertical welds on the entire outside of the body and interval welds on the inside of the body. There shall be .50" aluminum plating welded into the curbside and street side wall structure to facilitate the mounting of a V-4 4-point harness restraint system. Each harness restraint system/seating position along the curbside or street side wall shall be pull tested to 6,000 pounds. These structures shall be MIG welded together to form the body's roll cage and corner impact protection.

3. **CORNER SIDEWALL ASSEMBLY:** The corners of the modular body shall be covered by an extruded hollow aluminum shape with a material thickness of .125 inch. The cavity of this shape shall be no larger than is necessary to cover the abutment joint created by the adjoining welded components. These extrusions shall be welded to the upper corner cap and the bottom of the sidewalls. These extrusions shall be attached and sealed along their entire length with a high strength acrylic adhesive, Lord 406-17 or equivalent.

H. ROOF STRUCTURE

1. **PERIMETER EXTRUSIONS:** The roof's substructure assembly shall consist of perimeter extrusions, lateral roof bows, and interconnecting corner caps.

2. **ROOF SHEET:** The roof skin shall be .090" and will have an alloy and temper strength of 5052 H32. The skin shall be attached to the lateral roof bows with a high strength structural Methacrylate adhesive with a minimum tensile strength of 2,150 PSI and a minimum tensile modulus of at least 157,090 PSI. The material shall be applied full length to every structural member prior to assembly and then cured in a vacuum bonding process to provide even and consistent adhesion of the roof skin to the structural extrusions. The use of screws, rivets, VHB tape or other mechanical fasteners be used to attach the skin to the lateral roof bows.

3. **ROOF BOWS:** The longitudinal structural members and lateral roof bows shall be 2"x 2"x.125" primary and 1"x 2"x .125" 6005-T61 secondary rectangular aluminum structural tubing. The 1"x 2" extrusions will be used as the frame members for IV hangers, not as primary structural support members. These structures shall be MIG (metal inert gas shielded) welded together to form the body's "roll cage". These structural members shall be located so that the roof skin

is supported on a center distance of 12 inches or less. The roof bows shall interconnect with the roof side rails and be continuously welded at all contact points. There shall be eleven (11) .125" aluminum plates welded into the roof structure to facilitate mounting of the patient compartment dome lights. There shall also be .250" aluminum plates welded into the roof structure to facilitate mounting of the overhead grab rail(s). Plates will also be welded into the roof superstructure for securely mounting the fold down IV hangers, ceiling mount Oxygen outlet, cargo netting, etc.

4. ROOF CORNERS: The roof rail extrusions shall be welded together along the roof bow mating walls at the corners. In addition, the outer surfaces of the roof rail extrusions shall be continuously M.I.G. welded to cast aluminum corner castings. The castings shall have integral flanges behind the weld sites to interlock the joint. These extrusions shall be attached and sealed along their entire length with a high strength acrylic adhesive, Lord 406-17 or equivalent.

I. DOOR STRUCTURE

1. DOOR SKIN: The door skin shall be single piece .090 thick 5052-H32 aluminum sheet CNC cut, formed and welded to create a robust, crevice free environment to mirror the mating surface of the door jamb extrusions and to provide optimum paint adhesion and corrosion resistance. The formed edges shall not have elongation cracks due to forming but shall have edges uniformly rounded for strength and aesthetic appeal. The forming process will produce a door with an integral surface for mounting a pliable air core rubberized neoprene gasket around the full perimeter of the door that will seat and seal against the mating surface on the door jamb. The CNC process will provide the cut- out for windows, latches, door panel mounting and hinge mounting points all machined into the door for consistently repetitive parts. The CNC cut fold and weld process provides a guaranteed consistent tolerance within 1/5,000th of an inch which yields a finished product that is consistently repeatable and easily replaceable in the event of damage.
2. DOOR PANELS: The inside door panels shall be made of .090" aluminum sheet laminated to match the interior of the unit. The lower approximate ¼ of the panel surface shall have a smooth aluminum kick panel installed to protect the lower portion of the door. Exposed, raw, sheared, unfinished sheet-metal edges are not acceptable. The panels shall be fastened to the door with Phillips head stainless steel, #10-32 machine screws with rubber washers to assist in cushioning the impact of door closure. There shall be a 10" x 20" kick panel installed along the lower edge of each door. The panel shall be covered by alternating 2" strips of DOT approve red and white reflective material installed at angles to provide the appearance of a chevron.

3. **DOOR JAMB:** The door jamb shall be an extruded aluminum extrusion measuring approximately 2.725" x 3" x .1875" wall thickness to accommodate rigid fastening of compartment door hinges. The corners of the extruded door jamb shall be CNC mitered, fixture fit and welded full perimeter to hold the door opening square. The mounting and access points for the Nader pins shall be CNC routed for precision and repetitive consistency. The door jamb shall be secured to the body super structure with 4" – 5" interval/skip welds around the full perimeter of the framed door opening.
4. **HINGE:** All doors shall have stainless steel, continuous, piano hinges. The pin diameter shall be .250" and staked into place to prevent drifting out of the hinge leaves. The knuckle lengths shall be 1". Alternating mounting slots shall be incorporated in the hinge to facilitate fine adjustment. The hinge attachment bolts shall be ¼" x 20 x 1" long stainless steel Type F pan head screws. The screws shall be spaced 4 inches apart on each leaf for the full length of the hinge. The tapping points along the door and jamb shall be designed in and CNC placed for consistently repetitive production and ease of replacement. The hinges for each individual door shall be identically cut for all common door heights and the CNC process used to fabricate the door and jamb shall insure that all of the door components are easily replaceable and interchangeable.
5. **LATCHES:** All exterior door latches shall be TriMark two stage, rotary type latches with and OEM installed emergency release mechanism that meet FMVSS 206 requirements for door locks and door retention components. The latches shall be through bolted to the door with 5/16 UNC countersink, machine type bolts and lock nuts that comply with the latch manufactures requirements. All entry doors shall have two rotary latches per door. To assure uniform latch timing and functional door reliability, only straight, 3/16" diameter rods shall connect the latches to the handle. All latch timing shall be set at the handle site. Other than at the latch site, bends in door latch rods are NOT acceptable.

Each patient compartment entry door shall include a quick release mechanism that has been installed and tested to be an integral part of the 30G TriMark rotary latch system. The release mechanisms shall be easily accessible to personnel and shall provide a positive release mechanism for each individual rotary latch in the event of an emergency.

The Nader pins for each door latch shall be installed through the door jamb into TriMark cage nut assemblies designed to be through bolted into the door jamb extrusion with grade 8 machine type bolts per the manufacturer's requirements. The cage nut assembly will support the mounting nut should the Nader pin need to be removed for maintenance or service. All double doors or tall compartment doors shall have two rotary latches per door. All Nader pins shall be headed to prevent the door(s) from opening under impact.

6. **EXTERIOR HANDLES:** TriMark chrome finished, free floating exterior paddle handles shall be provided to open all doors. Blind fasteners shall be used to fasten the handles to the door. Exposed fasteners to the outside are unacceptable for security reasons. Paddle handles shall have an isolation gasket between the paddle body and the door skin. All door skin surfaces shall be CNC cut to

produce a uniform fit and shall be painted prior to installation of the hardware. The handle shall be long enough to accommodate four gloved fingers for door actuation. All paddles on single doors and leading double doors shall be locking type and keyed the same. Trailing doors shall have non-locking paddle handles mounted on the interior door panel. The inner side of all exterior handles shall have a strip of 3M Safety Grip material installed to provide a slip resistant surface in bad weather. When locked, the paddle handle shall “float” to prevent unnecessary pressure being applied which may damage the handle and function as a signal that the handle is locked.

The rotary latches for each door shall be fit with metal rods, individually clipped to both the latches and the paddle handles. The rods shall be designed to be adjustable; however, they will be secured when adjusted so that they cannot voluntarily move. The door latching assemblies as a whole shall be fully tested to comply with FMVSS 206 requirements including 30G testing, no exceptions. A copy of the testing certificate validating the door system and 30G testing shall be provided with the bid.

7. INTERIOR HANDLES: TriMark chrome plated interior paddle handles shall be supplied on all module entry doors. A Lock/Unlock lever shall be installed and be clearly marked Lock/Unlock. As a safety feature, the interior paddle handles on the curbside and rear entry doors shall be capable of unlocking and opening the door without switching the Lock/Unlock lever.
8. WINDOWS: All entry doors shall be equipped with an upper window. The curbside entry door shall have a fixed pane window with a nominal area of 320 square inches. The rear access doors shall each have a fixed pane window with a nominal area of 320 square inches. All windows shall have anodized frames and blind inner mounting ring screws, fastened from the inside. The exterior portion of the frame shall have a full perimeter seal mated against the door skin. All glass shall be tinted safety glass compliant with FMVSS 205.
9. DOOR CHECKS: All doors shall be equipped with a gas strut door check (hold open). The curbside entry door and exterior compartment doors shall have heavy duty gas strut of door check. The gas strut shall keep positive pressure on the door in the open and closed position. Door check brackets shall bolt through an overhead structure to provide a solid attachment to the door frame and through a .250” support plate welded into the door. All doors shall open 90 to 110 degrees, unless otherwise specified by the user.

Rear access doors shall open at least 150 degrees. The door checks shall be 2 piece, heavy duty, cast aluminum, grabber type. The door shall have a ½” thick cast aluminum loop that plunges into a positive rubber/cast aluminum socket mounted on the body. Each component of the door checks shall be insulated from the skin with a rubber gasket. . Each door-check component shall be rigidly mounted on the door or body with ¼” x 20 x 1” stainless steel machine screws through .250” plates permanently mounted behind the skin.

10. GRAB HANDLES: All entry doors shall be equipped with two-point, 1.25” diameter stainless steel, “ergonomic-style” grab handles to aid in door closure and entry assistance. The handles shall run horizontally, directly above the inside door handle. The door handles shall be fastened directly to the horizontal door structure that is welded into the door assembly.
11. DRIP RAILS: A drip rail shall be provided over each compartment to prevent water roll off from spilling into the opened compartment door. Drip rails shall be attached with double-sided adhesive tape for ease of replacement. Full height compartments shall be exempt because the perimeter roof rail drip rails cover these compartments.

J. COMPARTMENT STRUCTURE & CONFIGURATION

1. MATERIALS: All exterior compartment walls, back and floor shall be constructed of smooth aluminum and coated with a rubberized polyurethane coating, Herculiner or equivalent. The ceilings and floor components shall be CNC cut, formed and welded to provide overlapping joints. The floors and ceilings are both welded and seam sealed as necessary to the walls and back prior to applying the rubberized coating. The compartment shall be designed so that the floor to the compartment will be below the lower edge of the door jamb.
2. COMPARTMENT CONFIGURATION: The exterior compartments on this vehicle shall be as illustrated in the drawings attached to this Specification:
 - Drawing A- Curbside
 - Drawing B- Street side
3. VENTILATION: All exterior compartments shall have louvered, automotive style ventilation to the exterior, underside of the vehicle. The oxygen cylinder compartment shall be louvered through the door with a minimum of 9 square inches of free-vented area in compliance with KKK-A-1822F, 3.11.3 as well as the underbody ventilation.
4. OXYGEN COMPARTMENT: A universal “H”/“M”-size cylinder retention bracket shall be provided to secure a vertically stored cylinder. The retention bracket shall be bolted through the compartment wall backed by ¼” aluminum plate with four 3/8” x 16 grade 8 bolts with grade 8 flanged nuts. The retention bracket shall be powder coated steel and remain rust free for the life of the ambulance. The oxygen cylinder shall be attached to the bracket with three (3) spring-buckle, webbed retention straps. The retention bracket shall be in compliance with AMD Standard 003- Oxygen Tank Retention System Static Test. **Compartment #1 shall be approximately: 20.5”W x 79.5”H x 18.5”D.**
5. STORAGE COMPARTMENT # 2: This compartment shall be located just aft of the O2 compartment on the street side of the module. It shall be configured for general storage or as specified by this agency. **Compartment #2 shall be approximately: 41.75”W x 34.75”H x 18.5”D.**

6. STORAGE COMPARTMENT # 3: This compartment shall be located aft of the rear wheel well on the street side of the module. **Compartment #3 shall be approximately: 34"W x 59.5"H x 19.25"D**
7. INSIDE/OUTSIDE COMPARTMENT# 4/5: This compartment shall be located at the forward most curbside of the module. It shall be configured to provide exterior access to the interior ALS cabinet and the optional battery storage area located below the floor level of the ALS storage. There shall be a separate access door located below the floor level for maintenance and service to the optional vehicles battery storage area. **Compartment #4/5 shall be approximately: 20"W x 64"H. What about 5?**
8. BACKBOARD COMPARTMENT # 6: This compartment shall be located at the rear most curbside of the module. It shall be configured to provide exterior access to the backboards. **Compartment # 6 shall be approximately: 20"W x 79.5"H x 22"D.**
9. STEP WELL: An intermediate, full depth step to the patient compartment floor shall be provided at the curbside entry door. The step well shall include a smooth aluminum plate step body with a Dri-Deck insert step and rubberized polyurethane walls. The step insert shall provide a step surface that is flush with the lower jamb of the side entry door. The step shall have a tread dimension of not less than 10 inches. The step well shall be illuminated by an LED light head located on the forward wall of the step well. There will be a formed stainless steel threshold trim installed around the upper edge of the step well. The threshold will be installed with Sikaflex sealant adhesive or equivalent to eliminate the need for mounting screw penetrations and to provide a permanent full perimeter seal. 3M safety step material shall be installed along the top of the threshold to provide a slip resistant surface.

K. CORROSION: ANTI-ELECTROLYSIS PROCEDURES

1. EXTERIOR FASTENERS: Dissimilar metal contact is known to cause corrosion at fastener sites. All exterior device fasteners, especially light fasteners, shall not contact the painted aluminum surface. All fasteners that are NOT aluminum or plastic bodied are considered Dissimilar. Each hole drilled after the prime and paint process shall be treated with an Electrolysis Corrosion Control compound prior to installation of the mounting screws. All mounting screws shall be stainless steel and shall be coated with the Electrolysis Corrosion Control compound prior to installation.

L. REAR BUMPER

1. FRAMING: The rear step bumper shall meet or exceed KKK-A-1822F 3.9.6 and be compliant with AMD Standard 018. The bumper shall be a minimum 1/8" welded tubular steel frame with a 1/4" flange designed to be bolted directly to the chassis frame without cutting, drilling or welding. The frame shall be bolted with a minimum four 1/2" steel bolts, washers and nylon lock washers

on each side. In addition the bumper will be configured so that the bottom of the bumper shall be mounted below the body skirt-line. The steel bumper frame shall be powder coated black for a durable, corrosive resistant finish.

2. **CENTER STEP:** A flip up step shall be provided to facilitate access to the patient compartment floor loading and unloading the stretcher. The step shall be as wide as the rear access door jamb. The step shall have a grip strut surface for aggressive traction. Snow and ice shall not compromise the level of traction on the center step. A stainless steel piano hinge shall have a staked in, 1/4" diameter pin, one inch knuckles and Type-F 1/4"x 20 stainless steel bolts every four inches.
3. **OUTER BUMPER PODS:** The step bumper shall have an aesthetically pleasing appearance. The outer bumper pods shall be covered with polished aluminum diamond. The outer corners shall be rounded to eliminate sharp corners around the working area. Each pod shall have a heavy duty rubber rear dock bumper attached to further protect the bumper.

M. BODY PROTECTION

1. **FRONT OF BODY:** The front of the body shall have protection plates made of aluminum diamond plate fitted between the contour of the cab and the corner posts. The corner posts shall have 12" high formed diamond plate protection panels.
2. **REAR OF BODY:** An aluminum diamond plate kick panel shall run from rear corner post to corner post and house a recessed, cast aluminum, license plate holder. The kick panel shall be 12" in height and shall extend downward from below the rear door jamb to the bottom edge of the body. The corner posts shall have 12" high formed diamond plate protection panels.
3. **LOWER BODY RUB RAILS:** The entire skirt-line of the body, forward and aft of the rear wheels shall have extruded aluminum "C" channel skirt rails to protect the edge of the lower body. Each rail shall be chamfered 45 degrees at each end. The rails shall be mounted with .250" x 20 stainless steel, counter sink machine screws with a 3/16" neoprene spacer between the rail and the body. There will be a 3/4" reflective stripe installed down the center of the rail so that the hardware shall not have exposed fasteners when viewed from the standing position.
4. **REAR ENTRY DOOR JAMB:** At the rear entry doors, a full width, formed, stainless steel jamb protection plate shall be provided to prevent the cot frames from chipping the body paint. The threshold shall extend in a single piece from 6" inside the rear door opening along the surface edge down to 1/2" below the bottom of the lower edge of the door jamb. The threshold will be mounted with Sikaflex sealant/ adhesive to eliminate the need for screws and to provide a sealed edge at the floor level. 3M Safety Walk material will be installed along

the full width of the threshold step surface to provide a safe, slip resistant step area.

5. FENDER: The rear fender flares shall be formed, stainless steel. The fender flares shall be through bolting around the wheel well opening with ¼"-20 stainless steel pan head bolts coated with an anti-corrosion chemical.

N. CABINETS

1. SUBSTRATES: The interior cabinets and components shall be constructed of high quality, domestic, A-C grade plywood. The exposed layers shall be hardwood on both sides of the sheet. The layers shall be free of voids between layers. Cabinet interiors shall be made from 3/8" or 1/2" thick, 5-ply plywood determined by the application for each. Bench lids, doors and the primary cabinet fascia shall be made from 3/4" thick, 7-ply plywood.
2. CABINET INTERIOR FINISH: Cabinet interior shall be laminated with white colored, high impact, abrasion resistant laminate. The contact adhesive shall be a high bond contact adhesive, specifically designed to bond plastic laminates to wood. Painted cabinet interiors are not acceptable. The interior corners of the cabinets shall be sealed to prevent contamination and to facilitate cleaning.
3. FLOOR AND SUBSTRATE: The sub floor of the module shall be 3/4" thick, 7-ply, exterior grade, A-C plywood. The vinyl floor covering shall be a Lonseal solid vinyl material, Loncoin II or Lonplate II to be determined at the pre-construction meeting.
4. LAMINATE: A high impact, phenol backed, high impact, and abrasion resistant laminate shall be used. The laminate shall be selected from the ambulance manufacturer's samples. The material shall be standard grade. This material as well as all interior components shall meet or exceed F.M.V.S.S. #302 (Burn Rate of Interior Components).
5. CABINET ASSEMBLY: To maximize fastener bite, cabinet substrate parts shall be stapled with pneumatic fired equipment. The length of the fastener shall be at least 2.25 times the thickness of the material being pierced. Staples shall be placed on two- inch intervals along the corner joints. In addition to staples, the entire cabinet assembly must be screwed together with a minimum #8 screw size and a length not less than 2.25 times the thickness of the pierced substrate. Screw heads shall be counter-sink type and driven flush. Cabinet fascia shall be CNC cut or drop cut to eliminate the use of cleats or stick built components. The use of stick built components to create cabinet components will not be acceptable.
6. CABINET TRIM: All trim throughout the interior conversion shall be anodized aluminum or formed stainless steel. All exposed corners within the patient compartment shall have either padded or rounded corners. Excess adhesive-

sealant shall be removed. Intermittent placement of screws is not acceptable due to cleaning difficulty inherent in screw head design.

7. FIT AND FINISH: Mitered joints throughout the interior conversion shall have a gap-less, hairline fit. Openings and misalignments at the corners are not acceptable. Misapplied trim to cover manufacturing mistakes is not an acceptable solution to poor design and/or workmanship. Doors shall be warp free. Sliding Lexan door assemblies shall be scratch free and all edges shall be smooth and free of saw marks and sharp edges. Cabinet to cabinet joints shall not require welting to create a finished/well-fit look. Cabinets shall fit tightly against the ceiling without the use of vinyl covered trim pieces to cover the seam between cabinets and ceiling. The fine line seam between the cabinets and the ceiling will be sealed with a flexible, permanent sealant/adhesive.
8. FUNCTION: Doors and drawers shall fit the opening. Flush fitting doors shall have even door to opening spacing around the perimeter. All doors shall open and close without binding. Drawers shall slide in and out freely, without drag. All drawers shall be mounted on side mounted, full-extension drawer slides, rated at no less than 75 pounds per pair. All hinged wood-core doors shall have positive latches.
9. SLIDING POLYCARBONATE DOORS: Polycarbonate shall hereinafter be identified as "Lexan". All interior cabinets requiring the sliding, transparent Lexan door assembly shall have a mitered, anodized aluminum frame. The Lexan shall be a minimum of 3/16 inch thick. All interior hinged Lexan doors will be mounted with full length stainless steel hinges and secured with Southco stainless steel self-latching, push to close latches.

Each sliding door shall be fitted with a full height, extruded aluminum door handle. The door pull extrusion shall also stiffen the ends of the doors. The door track/frame extrusion shall incorporate a flocked natural rubber track insert to prevent the doors from sliding free during transit. All extrusions shall be anodized.

O. CABINET CONFIGURATION

1. STREET SIDE: The primary configuration of the street side main wall will be a full wall of cabinets as specified by this department. You must contact this department for the layout of cabinets. The cabinets shall be easily accessible over the primary cot. The cabinet configuration and dimensions will be described in the CAD drawings attached to this Specification and as follows:
 - A recessed area in the lower Main cabinet, shall house an SSCOR suction container, stainless steel holder and an Ohio quick disconnect vacuum latch assembly.

2. CURB SIDE: The primary configuration of the curbside main wall includes a two position squad bench with cabinet configuration and dimensions as depicted in the cabinet drawings attached to this specification and as described below.

- The squad bench shall have two (2) EVS V-4 four-point belt positions accompanied by a full length seat cushion, two progressive foam back rest and head pads. The belts shall restrain two seated occupants or one secondary patient, on a back board. All seat belts and anchorages shall comply with F.M.V.S.S. 209 and 210. The forward end of the squad bench shall accommodate a drop-in style Sharps/Waste module with a separate container for each and a red, polycarbonate hinged lid for access to the containers. The “Bio-Hazard” symbol shall be affixed to the hinged lid.

The cabinet configuration and dimensions shall comply with the drawings attached. Squad bench lid shall utilize gas struts as support when opened and shall have a TriMark black recessed paddle latch to hold the lid in the closed position. The latch cover on the interior of the squad bench will be formed, welded and powder coated white and will be designed to help protect the contents of the squad bench.

- Curbside overhead storage above the squad bench, cabinets “A” shall be approximately 4.25”H x 58”L x 7”D. The cabinet shall be divided into two equal sections with two hinged 1/2” Acrylic doors. Each door shall include a Southco 2” round stainless steel push to close latch. The cabinet shall have a 1” high density foam cushion pad located across the bottom for head protection.
- Curbside overhead glove box storage for three boxes shall be located above the side entry door. The storage box will have a hinged cover with oval access openings for and there shall be a positive latch located at each end of the cover plate. The cabinet shall have a 1” high density foam cushion pad located across the bottom for head protection when entering or leaving the vehicle.

3. REAR OVERHEAD CABINET: A full width cabinet will be installed over the rear doors to provide additional storage. The overhead storage cabinet shall be approximately 7”H x 44”L x 9”D. The cabinet shall have a single hinged 3/8” Lexan door and be configured as shown in the attached CAD drawings. The door shall include a Southco 2” round, push to close stainless steel latch. The bottom edge of the cabinet shall have a 1” high density foam cushion installed full width and depth across the lower side of the cabinet.

4. RIGHT FRONT CABINET: The right front cabinet is hereinafter known as “ALS Cabinet”. The ALS cabinet shall be finished in color keyed laminate. The cabinet

shall be configured for ease of access from either the interior or the exterior of the ambulance. The cabinet shall be configured as follows and per the CAD drawings attached to this bid specification.

- The upper cabinet configuration shall be approximately 17" H x 24"W x 23.75"D with a single adjustable shelf, two ½" Acrylic doors and a Southco 2" round stainless latch mounted on each door at the top.
 - The upper intermediate cabinet shall be configured with two hinged, 1/2" Acrylic doors and a single adjustable shelf. Each of the Acrylic doors will be secured by a Southco 2" round, push to close stainless steel latch. The cabinet shall be approximately 16.5"H x 29"W x 23.75"D.
 - There shall be a center drug drawer installed between the upper intermediate cabinet and the lower cabinet. The drawer shall be approximately 6"H x 24"W x 18.15"D. The drawer will be powder coated white aluminum mounted on HD side mount slides with a gas strut installed on top of the drawer to stabilize the drawer in the open or closed position. There will be a Southco 2" round, push to close stainless steel "Locking" latch mounted on the drawer to secure the drawer. The "Locking" latch shall feature a secure locking tumbler assembly and will not be the common luggage type locking mechanism.
 - The lower cabinet shall have two 3/4" hinged plywood doors. On the RH door there shall be a SouthCo 2" round, push to close stainless steel latch installed to secure the doors in the closed position. The lower shelf shall be covered with the same flooring material as the patient compartment floor with a flush stainless steel trim strip along the outside edge. The single exterior door along with the low floor is designed to facilitate loading and unloading bags, boxes or equipment from this lower cabinet area without having to lift equipment over any extruded door dividers.
5. BULKHEAD CABINETS: The upper bulkhead cabinets shall include the A/C-heater evaporator, the return air filter system and the electrical cabinet above the cab height walk thru area. The electrical cabinet shall be hinged on the left hand side and will include two louvered vents and a Southco 2" round, push to close the stainless steel latch.
6. TECHNICIAN'S SEAT: The Technician's seat shall be an EVS steel-framed, high-back contoured style captain's chair with a three point, lap/shoulder seat belt assembly and an intergraded child safety seat. The seat shall match the other upholstery within the patient compartment. The seat base shall be a black, powder coated EVS SB-2 steel swivel mount base. The Technician's seat shall be fastened with Grade 8 fasteners through the top of the seat base which is secured with Grade 8 fasteners through the floor and through 1/2" aluminum mounting plates with flat washers and Grade 8 nylon locking nuts. The technician's seat and seat base shall comply with FMVSS 207/210.

7. PASS-THRU CABINETS: Located in the pass-thru of the module behind the Technician's Seat shall be two additional storage cabinets. These cabinets shall each be as shown in the CAD drawings attached to this Specification and as follows:
 - Upper cabinet "E" shall be the first cabinet below the upper bulkhead cabinets. It will be approximately 23.5"H x 21.75"W x 17.125"D. The cabinet will have one hinged 3/4" plywood door with a Southco 2" round, push to close stainless steel latch. This cabinet shall be configured for general storage.
 - Lower cabinet "F" shall be approximately 23.5"H x 21.75"W x 17.125"D. The cabinet will have one hinged 3/4" plywood door with a Southco 2" round, push to close stainless steel latch. This cabinet shall be configured for general storage.
8. OCCUPANT HEAD CLEARANCE ZONES: All designated occupant seating positions in the vehicle described in the Specification shall be in compliance with AMD Standard 025- Measuring Guidelines: Occupant Head Clearance Zones.
9. HANGERS: There shall be two flush-mount, CPI Model #2008 IV hangers mounted (1) each at the knee area over the cot and squad bench. They shall be mounted so that in the event of a forward collision, the IV hanger will fold up upon impact.

P. INTERIOR HARDWARE

1. OVERHEAD ASSIST RAIL: There shall be one (1) assist rail mounted in the ceiling area of the patient compartment. This rail shall be naturally accessible to assist working technicians in maintaining their balance. The rail shall meet or exceed Federal Specification KKK-A-1822F and comply with AMD Standard 008- Patient Compartment Grab Rail Static Load Test. The rail shall be 1.25" diameter, 100% brushed stainless steel radius formed at each end and 72" long. The assist rail shall be mounted with 1/4" x 20 stainless steel machine screws tapped into 1/4" plates welded into the ceiling structure. The rail shall be located (1) over the primary patient.
2. COT RETENTION DEVICE & PRIMARY COT: The main cot retention device shall be a **STRYKER POWER LOAD**. The floor mounting plates shall be recessed into the floor and will be secured with 3/8" grade 8, socket head machine screws tapped through 1/2" aluminum plates welded into the floor structure. The purchaser shall specify the model of cot to be retained by the device. The installed cot retention device shall be in compliance with AMD Standard 004.

3. ENTRY DOOR ASSIST RAIL: This rail shall be naturally accessible to assist working technicians entering and exiting the vehicle. The rail shall meet or exceed Federal Specification KKK-A-1822F. The rail shall be 1.25” diameter, 100% brushed stainless steel radius formed at each end and 14” long. The assist rail shall be mounted with 1/4" x 20 stainless steel machine screws tapped into 1/4” plates welded into the door support structure. The rail shall be horizontally located just below the window level on each entry door.

Q. OXYGEN & VACUUM SYSTEMS

1. MAIN OXYGEN SUPPLY: Accommodation shall be made to carry and secure one (1) “M” or “H” -sized oxygen cylinder. The cylinder and its universal retention components shall be located in the street side front exterior compartment as specified in 9.3 of this Specification.
 - The Oxygen System shall also include a 50 PSI, pre-set Oxygen Regulator.
 - The retention bracket shall be positioned so that the cylinder’s main valve and regulator are visible through a Lexan viewing window in the forward end of the EMSP Action Area.
2. OXYGEN OUTLETS: Two (2) Oxygen outlets shall be provided in the EMSP Action Area panel. The outlet latches shall be Ohio style, quick connects.
 - One (1) Oxygen outlet shall be located on the wall above the forward section of the squad bench. Outlet latch shall be Ohio style, quick-connect.
3. OXYGEN HOSES: All oxygen system service hoses, fittings and devices shall be made of non-ferrous materials. Hoses used to pipe Medical Oxygen shall be ¼” inside diameter with an abrasion resistant, green colored, electrically conductive outer jacket. All hoses, connectors and outlets shall withstand a system test pressure of 200 PSI test as prescribed in Federal Specification KKK-A-1822F 4.4.1 and AMD Standard 015- Ambulance Main Oxygen System Test. Each ambulance shall be tested. “Type Testing/Certification” is not acceptable.
4. VACUUM (SUCTION ASPIRATOR) SYSTEM: A 12-Volt DC electric vacuum pump shall be installed in the upper left hand corner of compartment #2. The system shall meet performance guidelines set forth by Federal Specification KKK-A-1822F 3.12.2 and AMD Standard 021- Aspirator System Test, Primary Patient. An SSCOR vacuum regulator and gauge panel shall be installed in the action area control panel. The vacuum regulator shall control the vacuum pressure delivered to a collection system with a disposable collection canister. The Vacuum gauge shall not be mounted on the collection canister but on the Action Area wall as an integral part of the vacuum control panel and be hard-plumbed to the electric vacuum pump. Each ambulance shall be tested. “Type Testing/Certification” is not acceptable.

R. ELECTRICAL SYSTEM – 12-VOLT DIRECT CURRENT

1. The 12 VDC Electrical system installed in this vehicle must comply with AMD Standard 005- 12-Volt DC Electrical System Test. This electrical System shall be covered under the manufacturer's Warranty for a period of 72 months (6 yrs.) or 72,000 miles which ever shall occur first. The electrical system relays, breakers and control modules shall be located on the upper bulkhead wall behind the technician's seat in a cabinet with latching door.
2. **BODY GROUNDING:** A minimum of (2) two 2" wide braided ground straps shall be bolted through the chassis frame and the floor structure of the modular body. The bolts shall be 3/8" diameter. A flat washer shall be provided under the head of the bolt, over the strap lug and an internal tooth lock washer shall be installed under the lug to preclude loosening. Chassis frames with asphalt/wax coating or E-coating shall have grounding sites prepared by lightly grinding or sanding the coating away to reveal raw metal.
3. **GENERAL GROUNDS:** To comply with federal specification KKK-A-1822F 3.7.12 plus enhance ground quality and reduce trouble shooting time, all devices wired within the ambulance conversion shall be centrally grounded on a ground bar located in the Electrical Cabinet. The ground bar is grounded to the chassis frame by a 2AWG cable and attached in the same manner as the braided body ground cables. Each device shall have a separate ground wire routed to a central buss bar then grounded via fine strand cable to the module body.
4. **12-VOLT WIRE:** All wires within the ambulance harnesses shall meet Federal Specification KKK-A-1822F 3.7.2 and 3.7.2.1. All wire insulation shall be GXL cross- linked polyethylene.
5. Permanent wire identification and wire function shall be stamped on 4" centers along the full length of the wire. Wire conductors shall be stranded copper. Single strand copper conductors are not acceptable due to vibration concerns and stiffness which promotes loosening of the terminals
6. **WIRE PROTECTION:** All wire within the conversion shall be protected and run in split convoluted loom with a melting temperature of 300 degrees Fahrenheit. All wire harnesses shall be clamped and routed to eliminate possibility of damage due to cut/chaffed wire. Grommets made of rubber or plastic shall be used where harnesses pass through metal or wood. Large holes and irregular shaped wire passages shall use automotive edge trim to protect the wire conduit/loom. Wire harnesses shall be neatly clamped into protective routing areas away from heat sources, unfriendly edges or moving devices.

7. **CIRCUIT BREAKERS:** All conversion 12VDC circuits shall be protected by non-proprietary, manual reset, circuit breakers. The trip value for the breaker shall not exceed 80% of the amperage rating of the weakest component in the circuit. Branch circuit wire sizes shall be rated 125% of the expected load per KKK-A-1822F 3.7.2.1.
8. **12 VOLT DC OUTLETS:** Three 12 Volt DC, 20 Ampere, cigarette style outlets shall be supplied; one (1) in the action area, one (1) in the ALS Cabinet and (1) one in the 2nd Action Area. Each outlet shall be separately protected and shall be electrically isolated from other electrical functions on the vehicle. The outlets shall be wired per Federal Specification KKK-A-1822F 3.7.7.3.
9. **DUAL 2 AMP USB OUTLETS:** There shall be a dual Vanner 2 Amp USB charging receptacle mounted next to the 12VDC receptacle on the action area wall.

S. ELECTRICAL SYSTEM – 125 VOLT ALTERNATING CURRENT

1. The 125 VAC Electrical System described in this Specification shall comply with AMD Standard 009- 125-Volt AC Electrical Systems Test. This electrical System shall be covered under the manufacturer's Warranty for a period of 72 months (6 yrs.) or 72,000 miles which ever shall occur first.
2. **PRIMARY SHORELINE INLET:** A 125 volt, 20 amp (20A/60Hz) auto-eject shoreline inlet shall be provided on the module street side, positioned forward of the street side front compartment. The inlet shall have a spring-loaded, weather proof cover. The circuit shall be ground fault and circuit breaker protected incorporating a toggle switch control (GFI) with a UL approved QO type single phase load center located behind the driver seat in the cab. All 125VAC wiring shall be 12 gauge. All 125 volt AC wiring connections shall be made in UL approved junction boxes. A battery charger pigtail with female plug will be routed to the battery charger prewire area.
3. **INVERTER PRE-WIRE:** The vehicle shall accommodate the future installation of an Inverter by providing a prewired circuit connected to the standard GFI 125VAC outlets. The pre-wire, including a connecting plug to the inverter shall be located in the upper left corner of exterior Compartment #2.
4. **BATTERY CHARGER:** To provide protection for the vehicle's battery system, a 12 VDC, 45-amp battery charger wired to the vehicle battery system and to the 125 VAC shoreline power system. (NOTE: In the event that this agency specifies that an Inverter be installed, the Battery Charger requirement shall be deleted).
5. **125 OUTLET No.1:** A 125 Volt, Hospital grade, Straight blade outlet shall be provided on the wall of the main Action Area. The outlet must be grounded and

protected by a G.F.I. (Ground Fault Interrupter) Breaker. The outlet must illuminate a green indicator light when power is applied to the outlet.

6. 125 OUTLET No. 2: A 125 Volt, Hospital grade, Straight blade outlet shall be provided in the ALS cabinet. The outlet shall be grounded and protected by a G.F.I. (Ground Fault Interrupter) Breaker. The outlet must illuminate a green indicator light when power is applied to the outlet.
7. 125 OUTLET No. 3: A 125 Volt, Hospital grade, Straight blade outlet shall be provided in the 2nd Action Area. The outlet shall be grounded and protected by a G.F.I. (Ground Fault Interrupter) Breaker. The outlet must illuminate a green indicator light when power is applied to the outlet.

T. ENVIRONMENTAL

1. REAR HEAT/AIR CONDITIONING: Air Conditioning is hereinafter referred to as A/C. The module shall have an additional, self-contained H/C evaporator unit complete with dual blower, motor driven, high output fans. The fans shall be three speeds and shall contain a 720 CFM fan. The A/C unit shall also incorporate a hot water heater core for heat and an inline 12VDC booster pump to improve hot water flow at low idle operation. Both discharge and return heater hoses shall have automatic, vacuum operated shut-off valves to prevent water/coolant flow through the coil during A/C operation. The unit shall be center mounted at ceiling level above the pass-through area on the front bulkhead wall. There will be a removable air filter mounted in the cabinet area below the A/C evaporator unit.
2. The valves shall operate with the heater/defrost controls. The unit shall be rated at least 32,000 British Thermal Units (BTU) in A/C Mode and 36,000 BTU in Heater Mode. The Vehicle A/C – Heater system must meet or exceed federal specification KKK-A-1822F 3.13.1 thru 3.13.3 and must be compliant with AMD Standards 011- Equipment Temperature Test, 012- Interior Climate Control Test.
3. REAR AC CONTROLS: A three position ON/OFF switch shall be located in the action area. The switch shall not control fan speed, but indicate the selection of Heat/Off/Cool. A separate three-speed fan speed control switch shall be located in the action area control panel. Temperature settings shall be controlled by a simple thermostatic control mounted on the Action Area switch panel.
4. HVAC SYSTEM INSTALLATION & WARRANTY: The auxiliary heating and air conditioning system shall be installed in the ambulance at the ambulance manufacturer's facilities by technicians employed by the manufacturer of the HVAC equipment. Said technicians shall document the installation on forms provided by the HVAC manufacturer and on forms required by the ambulance manufacturer. Warranty on the installation of, and the equipment content and performance of the equipment, shall be the sole responsibility of the HVAC manufacturer.

U. CONSOLES & SWITCH PANELS

1. **CAB CONSOLE:** The ambulance conversion control console shall be ergonomically designed, CNC cut, formed, welded and powder coated. The body of the console shall be a textured flat black to avoid glare and resist abrasion. The console shall be removed from the OEM floor. The console shall include an electronic siren, the driver's control/switch panel, two cup holders and slots for maps or work books.

2. **SWITCH PANEL, CAB CONSOLE:** A switch panel made from a thick, translucent, acrylic sheet shall be installed on the outboard wall of the Action Area. The panel shall be coated with a black colored, rigid plastic film which evenly disperses label and indicator illumination. All switches and controls shall have illuminated legends indication function and status. The Switch Panel shall have the following minimum controls and indicators:
 - Compartment Open indicator
 - Battery On indicator
 - Door Open indicator
 - MASTER Emergency Switch, red bezel
 - Primary/Secondary Mode Switch
 - Siren/Horn Switch
 - Left Flood Switch
 - Rear Flood Switch
 - Right Flood Switch
 - Back-Up Alarm Switch
 - Spare switch positions
 - Module Disconnect Switch w/Red Bezel
 - Digital Volt/Amp Meter

3. **SWITCH PANEL, ACTION AREA:** A switch panel made from a thick, translucent, acrylic sheet shall be installed on the outboard wall of the Action Area. The panel shall be coated with a black colored, rigid plastic film which evenly disperses label and indicator illumination. All switches and controls shall have illuminated legends indication function and status. The Switch Panel shall have the following minimum controls and indicators:
 - Dome Lights, Street side Switch (Hi/Lo)
 - Dome Lights, Curbside Switch (Hi/Lo)
 - Dome Lights, Center (Hi/Lo)
 - Vacuum System Switch, red bezel
 - Exhaust Vent Switch
 - Inverter (optional)
 - AC/Heat Selector Switch
 - AC/Heat Fan Switch
 - Spare switch positions
 - Thermostat

V. VISUAL CONSPICUITY – EXTERIOR LIGHTING

1. **WARNING LIGHTS:** The warning light system shall meet or exceed KKK-A-1822F as demonstrated with the documentation provided by the lighting manufacturer. Unless otherwise specified, the warning lights shall be configured like, and flash in compliance with, KKK-A-1822F 3.8.2.1.

2. **DUAL MODE FLASHERS:** A dual mode Primary/Secondary flasher shall be provided for the vehicle emergency warning light system as required in KKK-A-1822F. Lights shall be configured as depicted in the attached drawings and as described below:
 - **FRONT WALL:** The front wall shall be configured with seven Whelen 900 Series LED warning lights mounted on the front of the body. These LED lights shall be configured:
 - 1) **RED/WHITE/RED/WHITE/RED/WHITE/RED** on the upper front wall. These lights shall be wired to flash in primary/secondary modes as required. The lenses shall be clear.

 - **WARNING LIGHTS- DRIVER SIDE:** There shall be (2) Whelen 900 Series Red LED warning lights mounted on the driver side of the module. (1) In the upper forward and (1) in the upper rearward corners of the module. The lenses shall be clear.

 - **WARNING LIGHTS- PASSENGER SIDE:** There shall be (2) Whelen 900 Series Red LED warning lights mounted on the passenger side of the module. (1) In the upper forward and (1) in the upper rearward corners of the module. The lenses shall be clear.

 - **WARNING LIGHTS– REAR:** The ambulance shall be equipped with (3) Whelen 900 Series LED warning lights positioned on the upper module rear wall. The LEDs shall be configured as follows: Red/ /Amber/ /Red. The lenses shall be clear.

 - **REAR MID-BODY WARNING LIGHTS:** This unit shall be equipped with (2) Whelen 900 Series Red LED warning lights mounted on the rear of the module set to show through the rear door windows when the rear doors are open. These LED lights shall be Red and shall be wired to function as brake lights when not in emergency mode. The lenses shall be red.

3. **GRILLE LIGHTS:** This unit shall be equipped with (2) Whelen LINZ6R Series Red Super LED warning lights mounted on the upper chrome cross bar of the OEM grille in compliance with the OEM chassis manufacturer's guidelines and the lighting requirements of KKK-A-1822F. These LEDs shall function in the primary mode only. The lenses shall be clear.

4. INTERSECTION LIGHTS – CAB: This unit shall be equipped with (2) Whelen LINZ6 Series Red LED warning lights mounted in the forward area of the chassis front fenders in compliance with the OEM chassis manufacturer's guidelines and the lighting requirements of KKK-A-1822F. These warning lights shall function in the primary mode only. The lenses shall be red.
5. INTERSECTION LIGHTS – MODULE: This unit shall be equipped with (2) Whelen 700 Series Red LED lights center mounted above the rear wheel wells. These warning lights shall function in the primary and secondary modes. The lenses shall be clear.
6. TAIL LIGHTS: Tail light configuration shall be Whelen 600 Series LED Tail/Brake, Turn Signals and Back-up Lights installed w/ chromed bezels. These lights shall be stacked vertically above the diamond plate rear kick plate in the order presented above.
7. I.C.C. LIGHTS: 3/4" round LED clearance lights shall be provided per FMVSS and D.O.T. Standards. The lights shall indicate the height and width of the vehicle and define the vehicle centerline. These lights will be mounted on the uppermost margins of the front and rear body. The lights shall be mounted in rubber grommets and the mounting location for each light shall be prepared prior to the paint process to reduce the possibility of paint break and resulting corrosion. Drilling or tapping through a painted body shall not be acceptable. There shall be five (5) amber clearance lights (Optronics LED model MCL11CAB) forward facing and five (5) red clearance lights (Optronics LED model MCL11CRB) rear facing. Additionally there shall be two (2) matching amber D.O.T. marker/directional lights mounted one (1) each side of the module on the rear corner extrusions and two (2) matching red D.O.T. marker lights mounted one (1) each side of the module on the rear corner extrusions. The D.O.T. marker lights shall be located approximately 48" above ground level.
8. LICENSE PLATE LIGHT: The license plate holder shall be a cast aluminum housing that is near flush mounted on the rear of the module. The housing shall be mounted in the lower diamond plate kick panel below the street side B/T/T lighting. There shall be two (2) LED lights installed to provide illumination to the license plate with the chassis park light circuit on.
9. SCENE LIGHTS: Two Whelen 9x7 Halogen gradient opti-scene lights shall be provided on each side of the module. The curbside lights shall come on when the curbside entry door is opened.
10. The street side and curbside scene lights may be turned ON/OFF with (2) two separate, right and left scene rocker switches located on the cab console switch panel. There will be a momentary disconnect switch located at the side entry door for disabling the scene lights during the daylight hours.
11. LOAD LIGHTS: Two Whelen 9x7 Halogen gradient opti-scene load lights shall illuminate the rear of the module. Both rear lights shall come on with the opening

of the leading rear access door. These rear load lights will also activate when the vehicle transmission is placed in reverse or when the rear load switch in the cab console switch panel is activated. There will be a momentary disconnect switch located on the wall at the curb side rear entry door for disabling the load lights during the daylight hours.

12. PERIMETER LIGHTING CERTIFICATION: To assure that the exterior work lighting is adequate to perform EMS functions in a variety of settings which may require exterior illumination, the Scene and Load lights installed on this vehicle shall comply with AMD Standard 024- Perimeter Illumination Test.
13. COMPARTMENT LIGHTING: The compartments shall be illuminated with near flush mount LED Compartment lights. The lights shall function each time the compartment door is opened and extinguish when the door is closed. The lights shall be located: (1) Ceiling of Compartment #1; (2) in Compartment #2- (1) Upper Right Hand, (1) Lower Left Hand; (1) in ceiling of Compartment #3; (2) in Compartment #4/5; (1) in Compartment #6.

W. AUDIBLE CONSPICUITY

1. ELECTRONIC SIREN: The siren shall be a 200 watt Whelen 295HFSA1 mounted in the engine cover console.
2. The siren speakers shall be dual Cast Products 100 watt drivers and shall emit selected tones through cast aluminum speakers located through the front bumper. The siren speakers shall not block air-flow into the grille per the OEM chassis manufacturer's guidelines. The siren and speakers shall meet or exceed KKK-A-1822F 3.14.4 and be compliant with AMD Standard 023- Siren Performance Test and AMD Standard 006- Patient Compartment Sound Level Test.
3. BACK UP ALARM: The vehicle shall include a minimum 97 decibel back up alarm device. The alarm shall be automatically activated by shifting the vehicle transmission into reverse. The backup alarm shall include a rocker type momentary cut- off switch located in the cab console Switch Panel. The alarm device shall be provided as required in KKK-A-1822F 3.15.2 and shall be compliant with SAE Standard J994.

X, INTERIOR LIGHTING

1. ACTION AREA LIGHTING: A 12-volt LED light shall be provided directly over the forward, street side work surface. A near flush, 16 inch type fixture shall be provided. The light shall have an On-Off rocker switch on the rear action area control panel.
2. STEPWELL ILLUMINATION: A 12 VDC LED light shall illuminate the curbside stepwell per Federal Specification KKK-A-1822F 3.10.12. This light shall function upon opening the Curbside Entry Door and extinguish when the door is closed.

3. PATIENT COMPARTMENT DOME LIGHTS: The patient compartment shall have eleven (11) dual intensity Whelen 8” round LED dome lights in the ceiling. The domes centers shall be installed in two (2), four-light banks with (1) street side and (1) curbside and a single three (3) light bank located directly over the cot in the center mount position. The street side bank shall provide light directly over the patient; the curbside bank shall provide light directly over the aisle and squad bench. Each bank of lights shall be individually controlled and the configuration shall meet KKK-A-1822F 3.8.4, 3.8.4.1 and be compliant with AMD Standard 016-Patient Compartment Lighting Level Test.
4. CHECK-OUT TIMER: A 5 minute check-out timer shall activate by opening the rear or side entry door when the battery switch is off. The curbside bank of dome lights shall turn on in the “low” mode. Following the first 5-minute cycle the lights will deactivate. The cycle can be reactivated by closing, then re-opening the side or rear entry door.

Y. COMMUNICATIONS EQUIPMENT

1. COMMUNICATIONS RADIO ANTENNA COAX: Two (2) RG58-U coaxial cables shall be supplied, termination location to be determined by the purchaser. A 12 VDC power lead shall also be provide for each coaxial cable. There shall be an 18” service loop at the starting point and a 36” termination loop. A tag shall identify each coax provided.

Z. PAINT, LETTERING, DECALS & MISCELLANEOUS

1. 100% PAINTFILM COVERAGE: All stages of primer and paint shall cover all weather-exposed surfaces. Hinge mating surfaces on the doors and jambs shall be painted. Bare aluminum and primer-only preparation is not acceptable under door hinges. Doors shall be painted without actuation handles installed. All body cutouts for emergency lighting, shoreline receptacle, etc., shall be cut prior to initiating the prime/paint process to assure complete coverage of all exposed, raw metal.
2. All of the module entry and compartment doors shall be removed prior to painting and be painted separately, at the same time and identically to the module process to insure complete coverage and electrolysis protection between the stainless steel hinge and the aluminum door and frame surfaces.
3. To reduce the risk of breaking paint and to provide a for a more consistently robust paint application, all light holes, the license plate bracket hole, gas filler bracket hole, all door window and handle holes and exhaust fan and any other option required mounting holes shall be cut in the module prior to beginning the paint process. Intersection light holes shall be cut in the chassis fenders and cut out must be coated with a corrosion resistant material to comply with Ford QVM requirements to prevent oxidation and rusting of the OEM metal surface.

4. The manufacturer's standard paint process shall provide that all surface body welds and imperfections be ground flush and body filled as needed to provide a smooth even surface that facilitates a flat smooth paint finish.
5. The entire exterior surface of the module shall be sanded with an air powered DA sander and a minimum 150 grit sand paper and then the module shall be washed with DX-330 cleaner/degreaser to remove any metal, oil or contaminant residue prior to the application of the seam seal process.
6. All exterior body seams shall be sealed with 3M panel bond/seam sealer to provide a smooth application environment for the prime and paint processes and to prevent future contamination, oxidation and corrosion.
7. The entire exterior surface of the module shall be coated with a primary coat of PPG "Delfleet" etch-coat primer, flash dried and then coated with a high performance PPG "Delfleet" primer sealer and baked to dry. The primer sealer coat shall be sanded to a flat smooth finish to eliminate all nibs and imperfections, inspected and etch primer/sealer applied where necessary and washed with DX330 to provide a clean, smooth surface prior to the application of the base coat application.
8. The entire exterior surface of the module shall be coated with an application of PPG "Delfleet" color mixed base coat. The base coat shall be baked to dry and inspected for imperfections. Minor surface repairs shall be utilized to provide a smooth surface prior to the application of the clear coat material. The entire exterior surface of the module shall be coated with an application of a PPG - "Delfleet" clear coat finish that will provide a robust, durable finish. The clear coat finish shall be baked per PPG "Delfleet" process instructions prior to the finished surface process application.
9. After the clear coat process is completed, the entire exterior surface of the module shall then be sanded with a minimum 1200 grit sand paper and then buffed using 3M Perfect-It III buffing compound to provide a clean, high gloss final surface finish.
10. Without exception, the manufacturer shall monitor the entire application process. The inspection process shall provide mil-thickness measurements at numerous random locations across the body to insure that the total paint process shall provide a minimum of 5 mils dry build, without runs or sags, after the completion of the final sand and buff process.
11. **PAINT AND COLORS:** Unless otherwise specified, the module shall be painted white to match chassis. All chassis and/or body paint, other than standard white, shall be specified by the purchaser. All striping and/or lettering, in addition to any "Ambulance" and "Star-of-Life" decals shall be specified by the purchaser. Any painting performed by the manufacturer, of the body and/or chassis, shall be covered under warranty for a period of not less than four (4) years / forty eight (48) months, and shall be sanctioned by the paint manufacturer.

12. LETTERING & DECALS: Federal Specification KKK-A-1822F “Star-of-Life” and “Ambulance” lettering and graphics shall be determined per department specifications. **The following labels shall be provided as standard:**

- Notice: This vehicle Equipped with 12VDC charging System (Mounted in cab) 'Shore Inlet 125VAC 60 HZ'
- 'Diesel Only' or 'Gasoline Only' (per chassis requirements)
- 'No Smoking/Oxygen Equipped'
- (2) 'Fasten Seat Belt' signs provided: (1) located in the cab and (1) in the module.

13. FIRE EXTINGUISHERS: In compliance with the Federal Specification KKK-A-1822F, there shall be two (2) 5lb. ABC rated fire extinguishers with mounting brackets. These extinguishers shall be shipped loose with the completed ambulance for installation by this agency.

AA. OTHER REQUIRED MISCELLANEOUS ITEMS

1. MANUALS

A Medix Owner's Manual copied onto a CD along with the OEM chassis manufacturers supplied items shall be provided with each vehicle. The information on the disc must consist of the following items:

- Chassis Warranty Card & Owner's Information
- Chassis Maintenance and Operating Tips
- Extra Set of Keys
- Lifetime Module Warranty
- 1 Year/12,000 mile Conversion Warranty
- 6 Year/72,000 mile Electrical Warranty
- 4 Year Paint Warranty
- Care and Maintenance Instruction
- Heater/AC Information & Warranty
- OEM Chassis Manual
- Schematics for Standard Systems:
 - Charging System
 - Power Distribution
 - Front Switch Panel
 - Rear Switch Panel

- Climate Control System
- OEM Drawings
- Wire Harness list
- Circuit Diagrams for all Systems
- Conversion Component Information
- Operations Manual
- Warranty and Parts List - Siren, Etc.

2. VEHICLE DRAWINGS

The following drawing views must be provided:

- Street side Exterior Detail
- Curbside Exterior Detail
- Front & Rear Exterior Detail
- Street side Interior Detail
- Curbside Interior Detail
- Front & Rear Interior Detail
- Overhead Floor Detail
- Overhead Ceiling Detail

3. Bidder shall furnish proof of manufacturing complete ambulance packages for a minimum of 15 years.

4. DELIVERY

The vendor assumes responsibility for the delivery and initial adjustment of all vendor supplied equipment quoted. At the time of delivery, the following documents must be sent with the equipment:

- **Manufacturer's Statement of Origin**
- **Warranty**
- **Operator's Manual**

The equipment will not be considered received/accepted and the invoice will not be processed without the receipt of all documents. Sandoval County will be responsible for the licensing of the equipment.

EVALUATION PROCESS

1. Compliance Review

After the required public opening and reading, all timely Bids will be reviewed for compliance with the requirements and specifications stated within the ITB. Bids deemed non-responsive will be eliminated from further consideration.

2. Clarifications

The Procurement Manager may contact the Bidder for clarification of a response.

3. Other Information Sources

The County may use other sources of information to confirm the validity of the bids submitted and the ability of the Bidder to perform.

4. Bid Tabulation

The bid price(s) on the Bid Form from the timely and responsive bids will be tabulated (price compared) to identify the lowest priced bid. If applicable, the price bids will be adjusted (for comparison and award purposes only) for those Bidders that submitted a valid Preference Certificate with their bid.

5. Discrepancies in Price(s)

In case of an error in the Extended Price and Unit Price, the Unit Price shall govern.

6. Determination of Lowest Price

After completion of the bid tabulation, the County will examine the results to determine which Bidder offered the lowest price to the County in accordance with the specifications, terms and conditions set forth in this Invitation to Bid.

APPENDICES

1. Acknowledge of Receipt Form

Potential Bidders **should** hand deliver or return by facsimile, registered or certified mail or email the “Acknowledgement of Receipt Form” (see APPENDIX A) that accompanies this document to have their organization placed on the procurement distribution list. The form **should** be signed by an authorized representative of the organization and delivered to the Procurement Manager no later than the date specified

in the Sequence of Events. The procurement distribution list will be used for the distribution of important information regarding this procurement.

2. Campaign Contribution Disclosure Form

The Bidder must complete an unaltered Campaign Contribution Disclosure Form and submit a signed copy with the Bidder's proposal. This must be accomplished whether or not an applicable contribution has been made. (See APPENDIX B)

3. Letter of Transmittal Form

The Bidder's proposal **must** be accompanied by the Letter of Transmittal Form located in APPENDIX C. The form **must** be completed and must be signed by the person authorized to obligate the company.

4. Resident Business or Resident Veterans Preference

To ensure adequate consideration and application of NMSA 1978, § 13-1-21 (as amended), Bidders must include a copy of their preference certificate in this section. In addition, for resident Veterans Preference, the attached certification Form (APPENDIX D) must accompany any Offer and any business wishing to receive the preference must complete and sign the form. If the Resident Business is to be used, the Certificate from the New Mexico Taxation and Revenue must be attached.

5. Conflict of Interest Affidavit

Bidders must include signed and completed Conflict of Interest Form (APPENDIX E) with ITB documents. The Bidder warrants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance or services required under the Agreement. The Bidder certifies that the requirements of the Governmental Conduct Code Act, Sections 10-16-1 through 10-16-18, NMSA 1978, regarding contracting with a public officer or state employee or former state employee have been followed.

6. Non-Collusion Affidavit

In signing this form (Appendix F), the Bidder certifies he/she has not, either directly or indirectly, entered into action in restraint of free competitive bidding in connection with this offer submitted to the County.

7. Bid Form

The form (Appendix G) is to present the cost to the County and to include all items required for this Bid. **Bid Form may be modified to accommodate additional items not included on original form but must remain in the original format.**

APPENDIX A

ACKNOWLEDGEMENT OF RECEIPT FORM

APPENDIX A

REQUEST FOR PROPOSAL

County Ambulance
ITB# FY19-SCFD-02

ACKNOWLEDGEMENT OF RECEIPT FORM

In acknowledgement of receipt of this Request for Proposal the undersigned agrees that s/he has received a complete copy, beginning with the title page and ending with APPENDIX G.

The acknowledgement of receipt should be signed and returned to the Procurement Manager no later than May 22, 2019 by 5:00 pm (Mountain Standard Time). Only potential Bidders who elect to return this form completed with the indicated intention of submitting a proposal will receive copies of all Bidder written questions and the written responses to those questions as well as ITB amendments, if any are issued.

FIRM: _____

REPRESENTED BY: _____

TITLE: _____ PHONE NO.: _____

E-MAIL: _____ FAX NO.: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

SIGNATURE: _____ DATE: _____

This name and address will be used for all correspondence related to the Request for Proposal.

Firm does/does not (circle one) intend to respond to this Request for Proposal.

Trish Greene, Senior Procurement Specialist
Sandoval County
1500 Idalia Road Bldg. D, PO Box 40
Bernalillo, NM 87004
Fax: 505-867-7605
E-mail: tgreene@sandovalcountynm.gov

APPENDIX B

CAMPAIGN CONTRIBUTION DISCLOSURE FORM

Campaign Contribution Disclosure Form

Pursuant to NMSA 1978, § 13-1-191.1 (2006), any person seeking to enter into a contract with any state agency or local public body for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds one hundred dollars (\$100) over the two year period.

Furthermore, the state agency or local public body shall void an executed contract or cancel a solicitation or proposed award for a proposed contract if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

THIS FORM MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

“Applicable public official” means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

“Campaign Contribution” means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official's behalf for the purpose of electing the official to either statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“Family member” means spouse, father, mother, child, father-in-law, mother-in-law,

daughter-in-law or son-in-law.

“Pendency of the procurement process” means the time period commencing with the public notice of the request for Bids and ending with the award of the contract or the cancellation of the request for Bids.

“Person” means any corporation, partnership, individual, joint venture, association or any other private legal entity.

“Prospective contractor” means a person who is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person qualifies for a sole source or a small purchase contract.

“Representative of a prospective contractor” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

DISCLOSURE OF CONTRIBUTIONS:

Contribution Made By: _____

Relation to Prospective Contractor: _____

Name of Applicable Public Official: _____

Date Contribution(s) Made: _____

Amount(s) of Contribution(s) _____

Nature of Contribution(s) _____

Purpose of Contribution(s) _____

(Attach extra pages if necessary)

Signature

Date

Title (position)

—OR—

NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER ONE HUNDRED DOLLARS (\$100) WERE MADE to an applicable public official by me, a family member or representative.

Signature

Date

Title (Position)

APPENDIX C

LETTER OF TRANSMITTAL FORM

APPENDIX C
Letter of Transmittal Form

ITB#: _____

Bidder Name: _____ **FED ID#** _____

Items #1 to #7 EACH MUST BE COMPLETED IN FULL

1. **Identity (Name) and Mailing Address** of the submitting organization:

2. For the person authorized by the organization to contractually obligate on behalf of this Offer:

Name _____

Title _____

E-Mail Address _____

Telephone Number _____

3. For the person authorized by the organization to negotiate on behalf of this Offer:

Name _____

Title _____

E-Mail Address _____

Telephone Number _____

4. For the person authorized by the organization to clarify/respond to queries regarding this Offer:

Name _____

Title _____

E-Mail Address _____

Telephone Number _____

5. Use of Sub-Contractors (Select one)

___ No sub-contractors will be used in the performance of any resultant contract OR

___ The following sub-contractors will be used in the performance of any resultant contract:

(Attach extra sheets, as needed)

6. Please describe any relationship with any entity (other than Subcontractors listed in (5) above) which will be used in the performance of any resultant contract.

(Attach extra sheets, as needed)

7. ___ On behalf of the submitting organization named in item #1, above, I accept the Conditions Governing the Procurement

___ I concur that submission of our proposal constitutes acceptance of the Evaluation Factors contained in Section V of this ITB.

___ I acknowledge receipt of any and all amendments to this ITB.

_____, 2019
Authorized Signature and Date (Must be signed by the person identified in item #2, above.)

APPENDIX D
RESIDENT VETERANS CERTIFICATION

New Mexico Preference Resident Veterans Certification

Reminder, a copy of Resident Veterans Preference Certificate from Taxation and Revenue MUST be submitted with the proposal in order to ensure adequate consideration and application of NMSA 1978, § 13-1-21 (as amended).

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement:

Please check one box only

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$1M but less than \$5M allowing me the 8% preference on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is more than \$5M allowing me the 7% preference on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

“I agree to submit a report, or reports, to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

“In conjunction with this procurement and the requirements of this business' application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under NMSA 1978, § 13-1-21 or 13-1-22, when awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.

“I understand that knowingly giving false or misleading information on this report constitutes a crime.”

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)* _____
(Date)

*Must be an authorized signatory for the Business. The representations made in checking the boxes constitutes a material representation by the business that is subject to protest and may result in denial of an award or termination of award of the procurement involved if the statements are proven to be incorrect.

APPENDIX E
CONFLICT OF INTEREST AFFIDAVIT

APPENDIX E

CONFLICT OF INTEREST AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANDOVAL)

I, _____ (name), being first duly sworn upon my oath, depose and state the following:

I am a former employee of _____ (name of Department/Agency), having separated/retired from state employment as of _____ (date).

I am a current employee of _____ (name of Department/Agency), or a legislator with the state, or the family member (spouse, parent, child, sibling by consanguinity or affinity) of a current employee or legislator with the state. Being a current employee or legislator or family member of a current employee or legislator of the state, I hereby certify that I obtained this Agreement pursuant to Sections 10-16-7 or 10-16-9 NMSA 1978, that is, in accordance with the Procurement Code except that this Agreement has NOT been awarded via the sole source or small purchase procurement methods.

The Department/Agency and I have entered into an agreement in the amount of \$_____.

Section 10-16-8.A(1) NMSA 1978 of the Governmental Conduct Act does not apply to this Agreement because I neither sought a contract with the Department/Agency, nor engaged in any official act which directly resulted in the formation of the Professional Services Agreement while an employee of the Department/Agency.

To the best of my knowledge, this Agreement was awarded in compliance with all relevant provisions of the New Mexico Procurement Code (13-1-28, et. seq., NMSA 1978).

FURTHER, AFFIANT SAYETH NOT.

NAME

Subscribed and sworn to before me by _____ (name of former employee)
this _____ day of _____, 20____.

NOTARY PUBLIC

My Commission Expires:

Terms of the Conflict of Interest Affidavit are inapplicable.

APPENDIX F

NON-COLLUSION AFFIDAVIT

NON-COLLUSION AFFIDAVIT

STATE OF _____)

County of _____)

_____ (name) being first duly sworn, deposes and says that
he/she is (title) _____ of organization
_____ who submits herewith to
the County of Sandoval, a bid:

That all statements of fact in such bid are true:

That said bid was not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation;

That said bidder has not, directly or indirectly by agreement, communication or conference with anyone attempted to induce action prejudicial to the interest of the County of Sandoval, or of any bidder of anyone else interested in the proposed contract; and further,

That prior to the public opening and reading of the bid, said bid:

1. Did not directly or indirectly, induce or solicit anyone else to submit a false or sham bid;
2. Did not directly or indirectly collude, conspire, connive or agree with anyone else that said bidder or anyone else would submit a false or sham bid, or that anyone should refrain from bidding or withdraw his bid;
3. Did not in any manner, directly or indirectly, seek by agreement, communication or conference with anyone to raise or fix the bid price of said bidder or of anyone else, or to raise or fix any overhead, profit or cost element of their bid price, or of that of anyone else;
4. Did not directly or indirectly, submit his proposed price or any breakdown thereof, or the contest thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository or to any member or agent thereof, or to any individual or group of individuals, except that County of Sandoval, or to any person or persons who have a partnership or other financial interests with said bidder in his business.

By: _____

Title _____

SUBSCRIBED and sworn to before me this _____ day of _____, 20_____.

Notary Public: _____

My Commission Expires:

APPENDIX G

BID FORM

APPENDIX G – BID FORM

Sandoval County Fire Department

Type I Ford F-450 4 x 4 w/6.8L Gasoline Engine EMS Ambulance

To: Sandoval County
 Attn: Purchasing
 P.O. Box 40
 Bernalillo, NM 87004

From: _____
 Name of Address

Mailing Address

City, State, & Zip

Description	Qty.	Cost
Type I Ford F-450 4 x 4 w/6.8L Gasoline Engine EMS Ambulance	1	
Sub-Total		
_____% NM State Sales Tax		
OPTIONS AND ATTACHMENTS		
1.		
2.		
3.		
4.		
Sub-Total		
_____% NM State Sales Tax		
TOTAL		
DELIVERY CHARGE		
GRAND TOTAL		