



**St. Charles County
Ambulance District**

ST. CHARLES COUNTY AMBULANCE DISTRICT
(Herein referred to as “District”)
4169 OLD MILL PARKWAY
ST. PETERS, MO 63376

INVITATION FOR BID
Issued: January 12, 2021
“IFB #1266 - 2021 Type II Ambulance”

FOR ADDITIONAL INFORMATION CONTACT:

Jeremey Hollrah
Deputy Chief – Special Operations and Logistics
E-mail: BidQuestions@sccad.com

Bid Closing Date/Time: February 8, 2021 at 12:00 P.M. CST
Bid Awarded/Purchase Order Let: Within 90 days of Bid Closing

RESPONDENT’S COMPANY NAME _____

REPRESENTATIVE _____

TELEPHONE NUMBER _____

E-MAIL ADDRESS _____

1. INTRODUCTION AND GENERAL INFORMATION

This document constitutes an invitation for competitive, sealed bids for the purchase of three (3) Ford Transit Type II Ambulance. This contract will be for a period of three (3) years.

- A. Organization – This document, referred to as an Invitation for Bid (IFB), is divided into the following parts:
1. Introduction and General Information
 2. Intent to Respond
 3. Terms and Conditions
 4. Bid Submission Information
 5. Additional Documentation
 6. Specifications
 7. Pricing
 8. Anti-Discrimination Against Israel Act (Exhibit A)
 9. Affidavit of Compliance
 10. Signature

Section II – Bid Specifications

- B. Although an attempt has been made to provide accurate and up-to-date information, District does not warrant or represent that the background information provided herein reflects all existing conditions related to this Invitation to Bid.
- C. All bidders are to include in their bid any and all costs associated with this project including but not limited to materials, equipment, freight, delivery, dealer preparation and set-up, and labor.
- D. **Anticipated Schedule of Events:**

Invitation to Bid Issued	January 12, 2021
Deadline for Questions	January 25, 2021
Bids Due at District Office by 12:00 pm	February 8, 2021
Evaluation of Bids Completed	February 18, 2021
Notice of Intent to Award	February 26, 2021

- E. **Intent to Respond** – An “Intent to Respond” form is included immediately following this section. This form must be returned in order to receive addenda to this IFB.

2. INTENT TO RESPOND – “Bid #1266 - 2021 Ford Transit Type II Ambulance”

I have read this invitation to bid and wish to express my intent to bid. Please send me any addenda regarding this bid.

THIS PAGE MUST BE RETURNED IN ORDER TO RECEIVE ANY ADDENDA TO THIS BID.

**RETURN TO:
St. Charles County Ambulance District
4169 Old Mill Pkwy
St. Peters, MO 63376
Email: acallison@sccad.com
FAX #: 636-344-7769**

Company

Company Address

City

State

Zip Code

Telephone Number

FAX Number

E-mail address

Signature & Title

3. TERMS AND CONDITIONS

- A. **CONTRACT TERMS:** The performance of this Contract shall be governed solely by the terms and conditions set forth in the Contract notwithstanding any language contained in any invoice, shipping order, bill of lading or other document furnished by the Seller at any time. The Acceptance by the District of any goods furnished hereunder accompanied by any such document shall not be construed as an acceptance by the District of any terms or conditions contained in such document which are inconsistent with the terms and conditions set forth in this Contract. Any different or additional terms, other than those contained in the Contract, which are contained in any acceptance, acknowledgment, invoice or other document transmitted by Seller to the District are hereby objected to.

This contract will be for a period of three (3) years. The items purchased under this agreement may be subject to a price increase at the time of renewal, by mutual agreement. The exact increase or maximum percent increase shall be indicated on the price sheet of this bid packet. Price decreases are allowed at any time. Request for a price increase must be presented to the District at least sixty (60) days before the expiration of the current agreement. If a request for increase is not presented, the prices will remain.

- B. **NON-COLLUSIVE BID CERTIFICATION:** By submitting this bid, the bidder certifies under penalty of perjury, that to the best of their knowledge and belief the following statements are true.

- 1) The prices in this bid have been arrived at independently and without collusion or agreement for the purpose of restricting competition, as to any matter relating to pricing with any other bidder or competitor, and
- 2) The bid prices which have been quoted in the bid response have not knowingly been disclosed by the bidder prior to the public bid opening to any competitor.

- C. **AMERICAN BUILT: BUILDER MUST, WITH NO EXCEPTIONS, BUILD THE COMPLETE AMBULANCE CONVERSION WITHIN THE CONTINENTAL UNITED STATES. WE WILL NOT ACCEPT BIDS FROM A FOREIGN BUILDER.**

- D. **BUY MISSOURI PREFERENCE:** By Missouri State Statute, preference may be given to any builder who manufactures the entire ambulance conversion within the state of Missouri. By law this preference can only be given if the bid presented is equal to or greater than the specifications enclosed. By law this preference cannot exceed 5% of the bid price.

- E. **PRE-BUILD MEETING AND INSPECTION TRIPS:**

- 1) Pre-Construction meeting. The specifications will be reviewed in their entirety so necessary clarifications can be made to any part of the specification, options and materials, constructions techniques, electrical systems, and etcetera may be reviewed by production staff as well as our personnel. We retain the option to make minor modifications from these specifications as deemed necessary at this pre-build meeting.
- 2) Mid-point inspection at the approximate time cabinets are being installed as this is a new concept vehicle for us and even though we have one, we are still in the design phase and may make minor changes if it is deemed in our best interest and wish to be sure these meet our criteria.
- 3) Final acceptance inspection shall take at the manufacturer's facility when the vehicle is finished, but prior to delivery to this department.

If distance to factory is greater than 250 miles, then transportation shall be by commercial aircraft.

- F. COMPLIANCE WITH SPECIFICATIONS:** No payment will be rendered for items delivered that fail to meet specifications as offered in bid and all items delivered below specifications must be completely corrected or award will be forfeited to the next lowest bidder meeting specifications.
- G. SELLERS WARRANTIES:** Seller expressly warrants that all articles, material and work covered by this contract will conform to each and every specification, drawing, sample or other description, which is furnished to or is adopted by the District and that they will be fit and sufficient for the purpose intended, merchantable, of good material and workmanship and free from defect. Such warranty shall survive delivery and shall not be deemed waived either by reason of the District's acceptance of said material or goods, or by payment for them.
- H. TITLE:** All equipment shall remain the property of the seller until delivered to and accepted by the District. Equipment supplied by the District shall remain the property of the District.
- I. DELIVERY AND PAYMENT:** Delivery is not a major factor in the award of the bid; however, as an industry standard at this time, this department is specifying that all work must be satisfactorily completed within 150 days after the signing of the contract.

Delivery of the finished vehicle will be over the road under its own power. No vehicle may be shipped by rail or truck.

The finished vehicle will remain in the legal custody of the seller and be covered by their insurance until delivered FOB to:

St. Charles County Ambulance District – Service Center
1987 Lohmar Ln.
Cottleville, MO 63376

Vendor shall present to the St. Charles County Ambulance District an invoice for the total cost of the vehicle(s) being delivered at least 14 business days prior to delivery, so that the District will have time to process the paperwork and issue payment. The St. Charles County Ambulance District cannot be held responsible nor will they pay any late fees for payment of the ambulance being late due to the vendor not submitting an invoice for payment in a timely manner.

Upon delivery the vehicle shall have a FULL TANK OF FUEL (if applicable), all fluids will be topped off and the District will be supplied with the following documents:

- 1) Copy of Invoice for the ambulance
- 2) Warranty start form from the ambulance manufacturer filled out for the St. Charles County Ambulance District
- 3) Chassis M.S.O.
- 4) Bill of Sale
- 5) 2 Complete sets of Owner's Manual, one on a computer thumb drive.
- 6) 2 Complete sets of Electrical Schematics for this vehicle, one on a Thumb Drive.

The St. Charles County Ambulance District will not make payment for any vehicle delivered until the above applicable documents are delivered with the vehicle.

- J. ORDER REVIEW AND CONTRACT PROCESS:** The successful bidder shall provide within 10 calendar days or less after the pre-build meeting, a work order, CAD Drawings and a contract for the St. Charles County Ambulance District approval. Once all data is approved and signed, production may begin on the ambulance.
- K. BANKRUPTCY OR INSOLVENCY:** In the event of any proceedings by or against either party, voluntary or involuntary, in bankruptcy or insolvency, or for the appointment of a receiver or trustee or an assignee for the benefit of creditors, of the property of Seller, the District may cancel this Contract or affirm the Contract and hold Seller responsible in damages.
- L. OTHER:** All bids received by the bid closing date and time will be considered, however, the District reserves the right to reject any and all bids and to waive any informalities in the bidding process. All pages of this bid are to be initialed, Signature Page completed and signed. Failure to do so could result in disqualification of bid.

The District reserves the right to negotiate with the apparent successful Bidder, to ensure that the best possible consideration is afforded to the needs of the District. During review of the most favorable, apparent successful Proposal, the District may request, and the Bidder may accept modifications to improve the Proposal further, in the best interest of the District. Negotiations will only be used to improve the proposal of the named apparent successful Bidder in the best interest of the District.

4. **BID SUBMISSION INFORMATION**

The District welcomes all interested parties to participate in its competitive bid process. Bidders will be expected to submit bids that are in compliance with the terms and conditions as outlined below:

- A. Award:** All awards are subject to final approval by the Board of Directors of St. Charles County Ambulance District, or their designated representatives(s).
- B. Submission:** Bids must be sealed and delivered by mail, in person, or via e-mail to District Headquarters on or before the time and date stipulated in the Invitation to Bid document. All late bids will be rejected. **If mailed or delivered in person,** the outside of the package must be labeled with bidder's name, address and **"IFB # 1266 – 2021 Type II Ambulance"**. Proposals should be delivered to:

St. Charles County Ambulance District
4169 Old Mill Pkwy
St. Peters, MO 63376

Proposals may be e-mailed to sealedbid@sccad.com. Subject line of the e-mail must contain **"IFB # 1266 – 2021 Type II Ambulance"**.

Proposals not received by the Proposal closing date/time will be rejected; faxed proposals will NOT be accepted.

Failure to complete the entire form or electronic submission may result in rejection of the proposal.

Vendors may submit more than one bid proposal. No penalty or credit will be given for submitting multiple proposals.

- C. Bidders are responsible for reviewing their proposals prior to submission to be certain they can honor all price, terms and conditions offered in bid. Bidders may submit written amendments or withdraw their bid proposals up until the date and time of the scheduled bid closing. Once bids have been opened, all bidders will be expected to honor all prices and terms offered in total. Unit price will prevail in cases of extension errors. Bid default will result in either temporary or permanent removal from the District's list of vendors in good standing.
- D. Bidders are encouraged to view the District's current designed Type II Ambulances to gain a solid understanding of the intent of the specification. Bidders shall schedule an appointment Jeremy Hollrah, Deputy Chief of Special Operations and Logistics – (636) 344-7752.
- E. State of Missouri Sales Taxes are not applicable to sales made to St. Charles County Ambulance District and must be excluded.
- F. The District reserves the right to accept or reject any or all bids received and to purchase from any or all vendors.
- G. **Qualifications of Bidder:** Each bidder must submit with the bid written evidence of qualifications to furnish the equipment and a list of previous customers of the type of units, equipment, or services bid. Bidders may be required to submit evidence that they have adequate financial and technical ability to furnish and service the equipment, maintain spare parts for maintenance and repair of the equipment, and have an acceptable service record on equipment previously supplied to others
- H. A complete set of specifications of the units, descriptive literature, date of delivery and warranty information (including copies of the actual warranties and disclaimer to be issued) shall be included with the bid submittal. All deviations or variances from the above specifications shall be expressly identified and explained. Failure to provide this information may result in a bid not being considered.
- I. **Inquiries:** All questions about the meaning or intent of the Contract Documents or requirements are to be submitted in writing to the District Deputy Chief – Special Operations and Logistics at BidQuestions@sccad.com no later than 12:00 PM CST on January 25, 2021. Questions submitted will be answered by written addenda issued to all prospective bidders **who have returned Intent to Respond page**. Oral or other interpretations or clarifications will be void, and do not bind the District. Any changes in specifications will be sent to all bidders in the form of a written addendum. All addenda become a part of the Invitation for Bid and **must** be signed and returned.
- J. **Offer:** All bids offered shall be firm for a minimum of ninety (90) calendar days after bid closing date.
- K. **Withdrawal of Bids:** Bids may be withdrawn by notice in writing only if received by the District prior to bid opening. After bid opening, bids may not be withdrawn and shall remain open for 90 days after bid opening.
- L. Results may be obtained by a request to St. Charles County Ambulance District Custodian of Records at custodian@sccad.com or fax (636) 344-7675. Please include the name and closing date of the proposal when requesting this information.

- M. Bid Closes:** Bids must be submitted by **12:00 P.M. CST on February 8, 2021**. Only original bid responses will be accepted. No copies or facsimile transmissions will be accepted. **Bids must be placed in a sealed envelope**, and plainly marked **Bid #1266 - 2021 Ford Transit Type II Ambulance** and must be delivered to:

St. Charles County Ambulance District
4169 Old Mill Parkway
St. Peters, MO 63376

BIDS RECEIVED AFTER THIS DATE AND TIME WILL NOT BE CONSIDERED.

- N. Determination:** St. Charles County Ambulance District reserves the right to be the sole determining party as to which bids meet specifications. Any item, which, in the opinion of the management of the District, does not produce satisfactory results or services, may be returned to the successful bidder as not meeting specifications.
- O. Signature:** All bids must be signed by a duly authorized representative of the person, partnership or corporation offering the bid. Failure to sign the Invitation for Bid document will result in automatic disqualification of that bid. The District reserves the right to request written confirmations of persons authorized to sign all bids on behalf of a company.

5. ADDITIONAL DOCUMENTATION FOR SUBMISSION

The Following Documents shall be supplied by each bidder as part of his/her bid package without exception.

- A. Copy of KKK-A-1822-F CERTIFICATION FOR THE CHASSIS AND BODY BEING BUILT:** This unit shall meet all KKK-A-1822-F specifications and the manufacturer shall have current documentation of compliance with all KKK-A-1882-F standards.
- B. Certificate of membership in the AMD:** The manufacturer shall be a current member in good standing of the Ambulance Manufacturers Division (AMD) of the National Truck & Equipment Association (NTEA).
- C.** The unit shall be built in compliance with all AMD “Standards”.
- D. Manufacturers Ford QVM Membership Certificate:** This unit shall meet all Ford QVM Program requirements and the manufacturer shall be a current member in good standing of the Ford QVM Program.
- E.** Copies of Warranties by the Manufacturer covering their product for structural, electrical, standard conversion, paint and corrosion.
- F.** Copy of center of gravity testing for the **EXACT type** vehicle being bid. Testing **MUST** be by an independent testing lab. In house testing is unacceptable. Both the bidding dealer and manufacturer must agree to abide by these requirements.

G. Copies of appropriate Insurance Certificate showing coverage by the manufacturer with minimum coverage of \$6,000,000.00, with current date of coverage for the bidding dealer.

H. Copy of Current State Motor Vehicle License for the bidding dealer.

I. **FORD POOL ACCOUNT PROGRAM:** The manufacturer shall be a current member in good standing of the Ford Pool Account Program. Submit your pool account number below

FORD POOL ACCOUNT NUMBER: _____

J. **CAD DRAWINGS OF PROPOSAL REQUIRED:** Each Bidder MUST include two (2) full detailed sets of CAD drawings of the vehicle being bid so that we can get an idea of what each bidder is proposing. They shall include drawings of both exterior sides, front, and rear exterior and the interior from left, right, front, and rear views as well as floor and ceiling views.

K. **REFERENCES:** Each bidder shall supply with his/her bid a list of at least 10 references for us to contact randomly, who have vehicles of the same or a comparable similar model as that which is being bid. This reference list shall include the name of the district, their address and phone number and a contact name as well as type and number of vehicles they operate in their fleet which are built by manufacturer being bid.

6. **SPECIFICATIONS:**

Unless otherwise specified, all units bid shall be new, current model year, in undamaged condition, delivered to St. Charles County Ambulance District and shall meet the following minimum specifications:

See section II

HOW TO TAKE EXCEPTIONS TO THESE SPECIFICATIONS

A complete set of specifications of the units, descriptive literature, date of delivery and warranty information (including copies of the actual warranties and disclaimer to be issued) shall be included with the bid submittal.

Bidders may take exceptions to any part of the bid specifications contained herein. In order to make it easier to review, exceptions shall be documented on a separate page. The exceptions or clarifications to any paragraph MUST be written with the specification page and line the exception is taken for. Submitter may offer alternative to each exception. Failure to write in any exceptions will be an indication that the bidder will supply the item as written without exception.

Each page shall be initialed by the submitter. This indicates the document has been reviewed and unless there is an exception the specifications are accepted as written.

7. **PRICING**

SEPARATE PRICE QUOTE SHEET: The bidder shall submit a single quote page sheet at the front of his proposal under a tab listed as “**Price Quote**”. This will make the reading and listing of each bidder’s quotes and terms easy to obtain at the bid opening. The quote page will include the following items:

- 1) The cost of the ambulance(s) bid individually, then the total price for all bid units with a maximum percentage increase allotted per year.
- 2) Please list the bottom line price ONLY. Do not list any applicable discounts individually. Applicable discounts can be listed separately on a separate page to the rear of the quote page if you so desire.
- 3) Terms of sale contract.
- 4) Time in days from award of bid for delivery of vehicle(s).
- 5) Price shall be FOB St. Charles County Ambulance District.
- 6) Signature of Officer of the vendor submitting the bid.

8. ANTI-DISCRIMINATION AGAINST ISRAEL ACT CERTIFICATION:

EXHIBIT A

Anti-Discrimination Against Israel Act Contractor Requirements:

If the contractor meets the definition of a company as defined in section 34.600, RSMo, and has ten or more employees, the contractor shall not engage in a boycott of goods or services from the State of Israel; from companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or from persons or entities doing business in the State of Israel as defined in section 34.600, RSMo.

If the contractor meets the definition of a company as defined in section 34.600, RSMo, and the company's employees increases to ten or more during the life of the contract, then the contractor shall submit to the Division of Purchasing a completed Box C of the exhibit titled, Anti-Discrimination Against Israel Act Certification, and shall comply with the requirements of Box C.

If during the life of the contract, the contractor's business status changes to become a company as defined in section 34.600, RSMo, and the company has ten or more employees, then the contractor shall comply with, complete, and submit to the Division of Purchasing a completed Box C of the exhibit titled, Anti-Discrimination Against Israel Act Certification.

Certification: The vendor must therefore certify their current status by completing either Box A, Box B, or Box C on the next page of this Exhibit.

- | | |
|---------------|--|
| BOX A: | To be completed by any vendor that <u>does not meet the definition of "company"</u> above, hereinafter referred to as "Non-Company." |
| BOX B: | To be completed by a vendor that meets the definition of "Company" but has <u>less than ten employees</u> . |
| BOX C: | To be completed by a vendor that <u>meets the definition of "Company"</u> and has <u>ten or more employees</u> . |

EXHIBIT A, continued

BOX A – NON-COMPANY ENTITY	
<p>I certify that _____ (Entity Name) currently <u>DOES NOT MEET</u> the definition of a company as defined in section 34.600, RSMo, but that if awarded a contract and the entity’s business status changes during the life of the contract to become a “company” as defined in section 34.600, RSMo, and the entity has ten or more employees, then, prior to the delivery of any services and/or supplies as a company, the entity agrees to comply with, complete, and return Box C to the Division of Purchasing at that time.</p>	
<p>_____</p> <p>Authorized Representative’s Name (Please Print)</p>	<p>_____</p> <p>Authorized Representative’s Signature</p>
<p>_____</p> <p>Entity Name</p>	<p>_____</p> <p>Date</p>

BOX B – COMPANY ENTITY WITH LESS THAN TEN EMPLOYEES	
<p>I certify that _____ (Company Name) <u>MEETS</u> the definition of a company as defined in section 34.600, RSMo, and currently has less than ten employees but that if awarded a contract and if the company increases the number of employees to ten or more during the life of the contract, then said company shall comply with, complete, and return Box C to the Division of Purchasing at that time.</p>	
<p>_____</p> <p>Authorized Representative’s Name (Please Print)</p>	<p>_____</p> <p>Authorized Representative’s Signature</p>
<p>_____</p> <p>Company Name</p>	<p>_____</p> <p>Date</p>

BOX C – COMPANY ENTITY WITH TEN OR MORE EMPLOYEES	
<p>I certify that _____ (Company Name) <u>MEETS</u> the definition of a company as defined in section 34.600, RSMo, has ten or more employees, and is not currently engaged in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel as defined in section 34.600, RSMo. I further certify that if the company is awarded a contract for the services and/or supplies requested herein said company shall not engage in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel as defined in section 34.600, RSMo, for the duration of the contract.</p>	
<p>_____</p> <p>Authorized Representative’s Name (Please Print)</p>	<p>_____</p> <p>Authorized Representative’s Signature</p>
<p>_____</p> <p>Company Name</p>	<p>_____</p> <p>Date</p>

9. AFFIDAVIT OF COMPLIANCE

ELIGIBILITY OF VENDORS – MUST BE ENGAGED IN SUPPLYING PRODUCTS OR SERVICES RENDERED: Pre-award inspection of the Vendor’s facility may be made prior to award of the contract. Solicitations will only be considered from firms that have been engaged in the business of manufacturing or distributing the goods and/or performing services as described in this Solicitation. The Vendors must be able to produce evidence that they have an established satisfactory record of performance for a reasonable period of time and have sufficient financial support, equipment and organization to ensure that they can satisfactorily execute the services if awarded a contract. The term equipment and organization as used herein shall be construed to mean a fully equipped and well-established company in line with the best business practices in the industry and as determined by the proper authorities of the DISTRICT. The DISTRICT reserves the right, before awarding the contract, to require a Vendor to submit such evidence of its qualifications as it may deem necessary, and may consider any evidence available to it (including, but not limited to, the financial, technical and other qualifications and abilities of the Vendor, including past performance and experience with the DISTRICT) in making the award in the best interest of the DISTRICT.

10. SIGNATURE PAGE

This form must be included with the bid package. It shall be located at the very front of your bid proposal under a Tab Labeled “**PRICE QUOTE**”. You may if you wish also include in this tab a copy of a price quote page on your company stationary, however this form must also be included.

Name of Bidding Dealer: _____

Full Address of Bidding Dealer: _____

Phone Number of Dealer: _____

Ambulance Manufacturer Being Represented: _____

Location of Ambulance Manufacturer: _____
(City and State)

Year and Description of ambulance: _____
(Model chassis and body)

Price of Each Ambulance: \$ _____ (Price shall include all applicable rebates and/or discounts as well as all trips).

Trade-in Allowance (if applicable): \$ _____

TOTAL FINAL COST PER EACH: \$ _____

Increase percentage: Year (1) _____ Year (2) _____ Year (3) _____

Delivery in Calendar Days: _____

I have read and understand this Invitation for Bid and certify that I am a duly authorized representative of the person, partnership, or corporation offering this bid:

Printed Name and Title of Bidder: _____

Phone Number of Bidder: _____

E-Mail address of Bidder: _____

Federal Tax ID # of Bidder: _____

Signature of Bidder: _____ Date: _____

SECTION II – BID SPECIFICATIONS

The purpose of this document is to provide minimum specifications and test parameters for the 2021 Ford Transit Type II Ambulance that meets the needs and desires of the District. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. The object is to provide a vehicle that is in accordance with nationally recognized guidelines.

CERTIFICATION TESTS REQUIRED OF BUILDER

Performance and Operational tests shall be conducted for the type vehicle being bid by each builder that is represented in a bid package. That testing documentation shall include proof of certification to each of the A.M.D. standards that appear in the KKK specifications. These include but are not limited to A.M.D. 001 thru A.M.D. 024. In particular, we are VERY concerned about the compliance with A.M.D. 025 along with NIOSH recommendations that require certain minimum requirements for Occupant head clearance and head strike zones within ALL areas of the ambulance as specified.

COMPLIANCE WITH SPECIFICATION INSPECTION / DELIVERY

A final inspection will take place at the ambulance manufacturer’s facility prior to shipment of the vehicle to this department to assure total compliance with the bid specifications as written. This inspection shall be done by department personnel in compliance with this bid specifications instructions, and if any discrepancies are found the manufacturer will be given up to 24 hours to correct the problem or discrepancy before this departments personnel shall be sent home at the bidder’s expense. Once the problem is corrected, the vehicle will again be inspected at bidder’s expense prior to shipment to this department.

A penalty of One hundred dollars (\$100.00) per day shall be assessed against bidder for each day past completion date that work is not completed.

SERVICE REQUIREMENTS

Each bidder shall supply, with their proposal, detailed information on their ability to perform routine and emergency repair service on the vehicle after delivery. Detailed information shall be provided on the service facilities, training of the personnel and the nature of repair work that can be provided at each facility. The bidder shall state approximate, BUT ACCURATE the number of miles from this agency to the nearest full service fully staffed repair facility.

Location of full-service repair facility: _____

Approximate Miles from this District: _____

List the services that can be provided at this facility:

ST. CHARLES COUNTY AMBULANCE DISTRICT
FORD TRANSIT TYPE II AMBULANCE SPECIFICATION

A. CHASSIS:

1. **CHASSIS AND WHEELBASE:** Current model year Ford Transit Cargo Van T350 Extended Length with single rear wheels; high roof, 147.6-inch wheelbase, 9500 lb. GVWR; front stabilizer bar; Ford Ambulance Prep Package 47B. **NOTE: Will not accept any chassis with less than 9,500 lb. G.V.W.R.**
2. **ENGINE:** Ford 3.5L PFDI V6 gas engine with engine block heater.
3. **TRANSMISSION:** 10-Speed Automatic Overdrive with SelectShift – Auxiliary Transmission Oil Cooler
4. **SUSPENSION:** Front Independent MacPherson-Strut, stabilizer bar. Rear Leaf spring. Heavy-duty gas shock absorbers
5. **REAR AXLE:** 3.73 gear ratio. Limited slip differential.
6. **BRAKES:** Four Wheel disc with four-wheel anti-lock.
7. **WHEELS AND TIRES:** Five (5) LT 235/65R16 BSW All-season radial tires mounted on steel wheels with full wheel covers. Four on unit with one spare between rear frame rails and below vehicle floor.
8. **BATTERIES:** Two Heavy Duty Batteries shall be mounted under the driver's seat, wired paralleled in the OEM configuration that complies with Ford QVM and KKK-1822-F requirements. Batteries will be wired so that both will always be used for starting. The power cut off switch circuit shall be protected by a 250-amp fuse. The Ford ignition key activates the cutoff switch. Power can be provided to the conversion without the engine running by turning the ignition key to accessory position.
9. **ALTERNATORS:** Ford OEM 250-amp heavy duty alternator.
10. **STEERING:** Hydraulic power rack and pinion
11. **FUEL TANK:** Single 25-gallon capacity fuel tank.
12. **HEATER AND AIR CONDITIONER, CHASSIS:** OEM heavy duty, high output.
13. **ENGINE COOLING SYSTEM:** Heavy-duty liquid system using a 50-50 mix of permanent type anti-freeze and water for protection to -40 degrees Fahrenheit.
14. **GAUGES AND METERS:** Speedometer, odometer, tachometer, fuel gauge, temperature
15. **CHASSIS TRIM PACKAGE:** Exterior upgrade package; Full 16" sport wheel covers, chrome grill, aero style daytime running headlights. Interior options; Color keyed door trim with map pockets, full rubber floor mat, padded sun visors, courtesy and dual dome lights, AM/FM/ Stereo Radio with clock, MP3 input and dual cab speakers. Power door locks w/ remote keyless entry, power windows, cruise control, and tilt steering wheel.

16. SEATS, DRIVER'S COMPARTMENT: Deluxe cloth OEM High Back Captain's chairs, with fold-down armrests and seat belts and shoulder harnesses.
17. WINDOWS: Tinted safety glass is installed in all exterior windows.
18. WINDSHIELD WIPERS: Two speed electric, rain sensing, with washer and intermittent control
19. MIRRORS, OUTSIDE REAR-VIEW: OEM dual black mirrors with integrated convex mirrors below the mirror glass; all mirrors are below eye level. They shall be power adjustable and fold-away.
20. AMBULANCE INTERFACE MODULE: An "Intermotive" Ambulance Interface Module shall be standard. The Interface Module is to provide fast idle system controls in order to increase electrical output of the vehicle. When the vehicle is in park, service brake disengaged, the parking brake is set, and the water Temperature is at 230°F the Interface Module shall electronically adjust the engine idle (up or down) to maintain proper electrical system voltage.
21. CHASSIS, MISCELLANEOUS ITEMS: Dual pitch horn, reduced sound level exhaust, OEM standard undercoating, step well pad and dual air bags.

B. CONVERSION CONSTRUCTION:

1. SIDE IMPACT SUPPORT BEAMS: Added steel beams will be welded into the side walls for additional crash worthiness for side impacts.
2. HI TOP O.E.M. RAISED ROOF: The roof shall be highest of the three options from Ford for raised roof. Interior patient compartment shall have **74-inch headroom. NO EXCEPTIONS**

C. ELECTRICAL SYSTEM:

1. ELECTRICAL SERVICE PANEL: All circuits shall be rated to carry at least 125% of its maximum load. Manual reset circuit breakers and relays shall protect each circuit. Each circuit that is rated more than three (3) amps shall be switched by use of a relay.

Circuit breakers shall be mounted in plug-in, pull out sockets, which are permanently mounted for durability. Relays should be a type that is readily accessible at any auto parts store.

2. ELECTRICAL SERVICE PANEL ACCESS: There shall also be a hinged access panel located above pass through window which will house the main wiring system for the entire unit, such as circuit breakers, and relays, along with numerical listings of each circuit.
3. ELECTRICAL WIRING: All the vehicle's electrical equipment shall be served by circuits separate and distinct from the chassis electrical system. All electrical wiring shall be run in grease, oil, heat and moisture resistant looming. Harnesses shall be fastened with vinyl-clad clamps and grommeted at any area they contact a metal edge.

Every load carrying wire shall be minimum of 12 or 14 gauge and shall be color coded and heat-embossed with its function every 4 to 6 inches.

There shall be at least a six-inch service loop of wire at the point of attachment to each component. All electrical connections shall be crimped; the use of Scotch-locks is strictly prohibited.

4. 12 VOLT DC SYSTEM: There shall be three (3) Cigar style 12VDC outlets. Final locations to be determined.
5. 110 VOLT AC SYSTEM: There shall be a weatherproof 110V-125V male AUTO EJECT receptacle rated at 20 amps with a spring-loaded cover assembly located on the driver's side close to the driver's door for incoming 110-volt power. This receptacle shall be labeled. It shall be wired through one 20-amp circuit breaker.

The circuit shall include three (3) 110-volt interior receptacles. Exact locations will be determined at pre-build meeting. All outlets shall illuminate per KKK-A-1822-F.

6. LIGHTING, EMERGENCY: All emergency lights will have a chrome bezel and clear lens. The unit shall be equipped with one (1) current model Whelen Lightbar for Transit High Roof on the front roof over the cab which will have:

6 – Red/Blue C6 LED's,
2 – Clear C6 LED's,

Additional Emergency Lighting

6 – Whelen Series 9 x 7 LED Red/Blue lights as follows:
2 – Facing rearward
2 – Facing right
2 – Facing left
2 – Whelen Series 9 x 7 split Amber/Clear (clear wired to reverse) LED light installed top inboard rearward.
2 – Whelen Series 4 x 4 Red/Blue LED lights mounted in the housing below the headlight as front intersection lights
2 – Whelen Series 7x3 Red/Blue LED with housing mounted below the headlights
2 – Whelen Series 7x3 Red/Blue LED Mounted inside rear doors overhead
1 – Whelen Series 7x3 Amber LED Mounted inside rear doors overhead

Circuit shall have a dual mode switch. "Primary" shall flash all lights, "Secondary" shall flash top emergency lights and amber.

7. SCENE LIGHTS: Scene lights shall be four (4) Whelen Series 7 x 3 LED with 8-32-degree tilt built into the lenses mounted two (2) lights on the left side and two (2) lights on the right side.

There shall be two (2) with 8-32-degree tilt built into the lenses mounted on the rear inside doors. A separate switch on the driver's switch panel shall control each pair. In addition, the right side and rear scene lights shall activate when the right side or rear doors, respectfully, are open.
8. SIREN AND SPEAKERS: Siren shall be a Carson Mfg. SA 400 with Wail, Yelp, Hi/Lo and Phaser sounds. Cast SA 6117 speakers shall be installed center mount below the front bumper.
9. SPOTLIGHT: There shall be a "300,000 candle power" spotlight, with eight-foot coiled cord and momentary switch, permanently wired into front console. A "Mic" style storage clip shall be provided.
10. LIGHTING, PATIENT COMPARTMENT DOME: The ceiling headliner shall contain eight (8) Intertek LED High - Low intensity dome lights. The left and right banks of lights shall be switched separately. The left bank high mode will be activated by opening of the rear doors; right

bank activated by opening of the side door. In addition, a 6” LED light shall be installed in the action area.

11. SUCTION - ON BOARD: An SSCOR suction system shall be provided with the canister mounted on the back wall above the action area countertop
12. VENTILATION: A 138-CFM exhaust fan shall be mounted near the ceiling on the right rear wall and shall be activated by a switch on the action wall.
13. POWER INVERTER: A Xantera Freedom HP 1,000-watt inverter with built in battery charger shall be included.
14. SWITCH CONSOLE, DRIVER'S: There shall be a console mounted between the two front seats. There shall be space provided for the installation of siren, radio control head, computer mount below the switches. OEM cup holders will be accessible. The switch panel shall be molded, aesthetically appealing, and incorporate V-MUX control panel and gauges as follows:

Module Master Switch	Rear Scene
Emergency Master Switch	Back up Alarm Disable
Primary/Secondary	Silent Intercom Lights
Siren/Horn	Door Ajar Light
Left Scene	Voltmeter, Digital
Right Scene	

The console shall be easily removed for service to the vehicle. In addition, a “map book” and computer slot capable of safely storing these devices in the event of a forward crash.

15. FRONT BULKHEAD: A glove box accommodating three (3) sizes of standard exam glove boxes shall be mounted on the front bulkhead between the seats. Because of space consideration this “glove box” shall be made as thin as possible.
16. LOW VOLTAGE ALARM: A Low Voltage Alarm shall sound when voltage drops below 11.8 volts for more than 120 seconds.
17. DOOR LOCK SWITCH: A single button that will release the front door locks.
18. SWITCH CONSOLE, PATIENT COMPARTMENT: The following controls shall be on the rear control panel:

- Module Master Switch
- Left Dome High / Low
- Right Dome High / Low
- Silent Intercom Switches
- Buzzer
- Exhaust Fan
- Electric Suction
- Blower Control for Heat/ AC – 3 Speed
- Thermostatically controlled Heat/AC
- Oxygen control solenoid

All CONTROLS in front and rear panels shall be controlled by the V-MUX system that are marked by function, illuminate backlit for night visibility.

D. PATIENT COMPARTMENT:

1. **FLOOR, PATIENT COMPARTMENT:** The subfloor there shall be ¾” exterior grade plywood that is caulked and sealed. The floor is then covered with a single piece of Lon Seal Flecks, 507 Moonstone, which shall roll up the left wall approximately 3”. Coving shall be installed at the base of the left wall running the full length of the floor prior to the installation of the linoleum. Flooring shall be sealed at all edges to prevent liquids from seeping between the floor and cabinets.

A formed 1 ¾”, full width stainless steel floor protection strip shall be installed forward of the rear patient compartment door seal.

2. **CABINETS, PATIENT COMPARTMENT:** All interior cabinets shall be built using ¾-inch cabinet grade, solid core plywood.

The use of plywood of any lesser quality or thickness or using a composite material is strictly prohibited.

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

Exposed cabinet surfaces, interior and exterior, are to be covered with “Wilsonart” laminate. Sliding Lexan windows shall be ¼" thick with full height extruded aluminum handles mounted in full perimeter slide track. Door catches shall be flush-mount slam-type positive latching.

3. **CABINETS, SIDE WALL:** The street wall shall incorporate a floor-mounted climate control unit. Unit shall be drained directly through the floor. Air intake shall be at floor level while output shall be ducted overhead. **Ceiling ducted HVAC is a must.**

Street rear top will be a fold down cabinet approximately 15” wide x 8” deep. Upper street wall shall have three (3) large cabinets with sliding glass doors and adjustable shelves. Each shall be 31” x 16” x maximum depth.

Near the front of the curb side wall shall be the timer switch for the dome lights as well as a switch panel to control all functions, 12V & 110V outlets and thermostat.

At ceiling level on the CURB wall shall be an Oxygen Outlet. Actual location of all O2 connections will be agreed upon at the pre-build meeting

There will be an open counter on the STREET wall which runs from the rear fold down cabinet approximately 25 inches forward. This counter space will allow for holding of medical equipment. It will be approximately 10 inches deep and 18 inches high. The balance of that opening shall be a cabinet with sliding Lexan doors.

There will be 12V and 110V outlets in this area as well as the suction unit.

STREET wall at or near cot level below the counter will be two (2) fairly large cabinets with sliding Lexan doors. They will be approximately 10 inches deep x 8 inches tall and 65 inches in overall length.

The STREET front forward medical supply cabinets.

There will be three (3) large cabinets with sliding Lexan doors located next to the front attendant seat that run to the very front bulkhead wall.

They will be approximately 8 inches deep and 11 inches tall and 35 inches long

4. BULKHEAD & CABINETS: The face of the two (2) overhead cabinets shall be padded full width.

The CURB SIDE front lower ALS section shall be a large cabinet which has storage for the backboards, with access from the side entry door. Above that shall be a cabinet of shelves that are open to the CURB side and REAR. The shelves are to be permanently positioned and supported by an IV style pole. This cabinet shall have both a 12 V and 120 V outlet.

The bulkhead shall incorporate a pass-through window from the front to the rear and shall have a sliding Lexan window.

The upper front cabinet in the bulkhead will be equipped with a CompX Digital lock for narcotics.

5. SIDE SEAT AND CABINET ARRANGEMENT: There will be an EVS Model 1769 Seat facing forward mounted just about center of the CURB SIDE wall.

There will be a cabinet forward of the CURB SIDE wall seat that will house two medical drawers that will open towards the rear of the vehicle. There will be a countertop with ½ inch lips on the top. The lower section shall house medication cabinet with designed in compliance with MO. BNDD standards. This cabinet will have a uniquely keyed Southco barrel lock.

There will be a cabinet to the rear of the CURB SIDE seat that will open to the rear for storage. It will be divided into four (4) sections. The topmost section not only will open to the rear but to the aisle side. A stainless-steel IV type pole shall be installed to give support. This cabinet will also have a counter on top with ½ inch lips.

6. SEAT, EMT / ATTENDANT: An attendant seat shall be located at the head of the primary cot. It shall be a molded/contoured seamless seat mounted on an EVS base with integrated 3-point belt system. The entire system shall be mounted on a STEEL government approved cabinet for the main oxygen tank to lay horizontally on the floor. The steel cabinet shall be manufactured by EVS and shall be crash & pull tested. No wood cabinets for the main O2 will be accepted. Only the EVS system will be accepted for this option. This is a safety feature which complies with NIOSH and FMVSS as well as SAE standards.
7. SHARPS AND TRASH CONTAINERS: A Sharp's and Trash drawer will be installed in a cabinet forward of the CURB SIDE wall seat. The drawer will pull open into the aisle.
8. UPHOLSTERY: All seat cushions and protective pads shall be constructed of either 1/4", 1", 2-1/2", and 3" fire-retardant foam covered with minimum 40-ounce vinyl. All seat cushions shall be vacuum-formed seamless.
9. HEADLINER: The headliner shall be a solid three piece covered with 1/4" foam padded white vinyl.
10. INTERIOR PANELING: Walls shall be covered with high pressure Wilsonart laminate material. Exposed surface shall be mar, dent and scratch resistant.

11. GRAB RAIL, OVERHEAD: A full-length 7/8" polished grab rail shall be installed on patient compartment ceiling. This rail shall be capable of supporting a minimum of 300 pounds.
12. INSULATION: The entire patient compartment shall be blanketed with a layer of R-14.5 "Reflectix" insulation to provide exceptional insulation and sound deadening qualities. Additionally, fiberglass insulation shall be added to numerous areas of the ceiling and side walls.
13. CLIMATE CONTROL: Rear climate control shall be mounted at floor level at left front of patient compartment to shorten refrigerant and anti-freeze hoses. Condensation shall drain directly through floor.

Air intake shall be at floor level, while output shall be at **four vents** located in the ceiling for increased airflow.

The unit shall be a Pro-Air with 27,000 BTU cooling capacity and a 28,000 BTU heating capacity. The blower motor shall have permanent magnets and be capable of delivering 630 CFM of airflow. The blower must be removable without removing entire heat/cool unit and without disconnection of any coolant lines.

Both heating and cooling shall be controlled by a thermostat with 3-speed manual fan speed control. The thermostat shall be located on the action wall.
14. STRETCHER MOUNT: A Stryker Power Load cot fastener shall be installed for a Stryker Stretcher.
15. OXYGEN OUTLETS: Oxygen system shall be plumbed with conductive hose from oxygen compartment to two AMVEX, Ohio style oxygen outlets, located in the action wall area at the head of the patient and one at head of the seat on the right wall; and on the ceiling shall be an Oxygen Outlet and actual location of all O2 connections will be agreed upon at the pre-build meeting.
16. OXYGEN COMPARTMENT: Shall be located in a Steel Cabinet laying horizontally across the front of the patient compartment just rear of the cab. The O2 Bottle "M" will be mounted on a ZICO slide out fold down tray with a window door to access the regulator near the far right of the steel cabinet.

The tank shall be removable from the truck by sliding out the tray from the right-side slide door of the chassis.

The cabinet will have an EVS seat base and seat on top for attendant seat.

This entire cabinet and seat base to be by EVS so that we are sure of compliance with all applicable S.A.E. NIOSH and F.M.V.S.S. pull and crash tests.

Oxygen system shall be operated by an electrical solenoid system with a switch mounted on the V-MUX console. A manual bypass valve will also be included.
17. BACKBOARD ACCESS: There will be storage for several backboards just forward of the main O2 cabinet and just rear of the passenger side cab seat. Boards will be removed thru sliding side entry door.
18. PORTABLE O2 STORAGE: (2) Ferno Model 521 bracket shall be mounted to the ALS cabinet at a location to be determined during the pre-build meeting.

19. GLOVE BOX STORAGE: There shall a cabinet built to house three (3) Glove box holders and it will be mounted at ceiling level of the CURB wall above the CURB wall seat.

E. EXTERIOR:

1. PAINT: The entire vehicle will be left painted OEM Bright White
2. DECALS, “STAR OF LIFE” – Provided Shipped Loose
3. RUNNING BOARDS: A set of full-length aluminum running boards will be installed on both sides of the chassis.

F. PAYLOAD:

Payload of standard unit to be 2200 lbs. (GVWR minus curb weight). The weight of any options shall be considered parts of the payload.

G. MISCELLANEOUS EQUIPMENT:

DECALS, NO SMOKING & FASTEN SEAT BELT: There shall be two (2) "NO SMOKING FASTEN SEAT BELTS " signs, one each in the driver's compartment, and in the patient's compartment

IV BAG HANGERS: There shall be two Perko “clip” style I.V. Bag Hangers with 8” Velcro retaining straps, one mounted above the squad bench, and one mounted on the left wall.

ANTENNA PRE-WIRE: One pre-wire for antenna coaxial cable delivered to the rear of passenger seat

FABRICS, BLOOD BORNE PATHOGENS: There shall be no material used in the patient compartment that could absorb blood borne pathogens.

MANUALS: There shall be one complete owner's manual for the entire unit. It is loaded on a flash drive

SCHEMATICS, WIRING: There shall be a complete specific wiring schematic. One shall be loaded on the flash drive.

H. WARRANTY:

- 1) Three year / 36,000-mile product conversion warranty
- 2) Six year / 72,000-mile electrical system warranty

POSITIVELY NO EXCEPTIONS ALLOWED TO WARRANTY SECTIONS