

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

TOWN OF TEWKSBURY FIRE DEPARTMENT

INVITATION TO BID EMERGENCY AMBULANCE BODY RECHASSIS

ISSUE DATE: June 8, 2015

SEALED BIDS DUE: Prior To 2:00 P.M. On Friday, June 26, 2015 to Chief Michael Hazel
21 Town Hall Avenue Tewksbury, MA 01876

BID OPENING: 2:00 P.M. On Friday, June 26, 2015
21 Town Hall Avenue Tewksbury, MA 01876

AWARD DATE: Within 90 Days After Bid Opening

This Document Contains the Following:

- I. General Specifications and Instruction to Companies with forms
Technical Specifications
- II. Required Forms
 - Certificate of Non Collusion
 - Certificate of Tax Compliance
 - Bid Price Form
 - Request for Bids Checklist
 - Sample Agreement
- III. Technical Specifications

NOTE : DOCUMENTS WITHOUT REQUIRED INFORMATION, OR THOSE RECEIVED AFTER DUE DATE AND TIME WILL NOT BE CONSIDERED. PLEASE SUBMIT FIVE (5) COPIES OF EACH DOCUMENT

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

I. GENERAL SPECIFICATIONS, INSTRUCTIONS TO COMPANIES

A. PURCHASE DESCRIPTION

The Town of Tewksbury (Town), seeks qualified vendors to provide the rechassis.
The bid price must remain valid for a period of ninety (90) days from the date of the bid opening.

B. BID SPECIFICATIONS

1. REQUIRED DOCUMENTATION

No bid will be considered responsive unless the bid package contains the following:

- a) Proof of liability insurance for at least One Million Dollars (\$1,000,000) each occurrence annual and (\$5,000,000) aggregate annual, or a statement that said insurance will be obtained upon award of a contract as set forth below. The Town will require that it be named an additional insured on that policy.
- b) A list of references consisting of in-service units of similar make and design being specified. Prototype equipment or processes will not be considered. All references shall include owner, address, contact name and telephone number. A minimum of ten (10) references shall be furnished. The reference list shall be attached to the end of the Technical Specifications section.
- c) Signed certificates of Non-Collusion, Tax Compliance, and Bid Price Form.

2. ACCEPTANCE OR REJECTION OF BIDS

- a) The Town reserves the right to reject any and all bids and to accept any bid, in whole or in part, which is considered to serve the best interest of the Town.
- b) Bids shall be submitted on special forms prepared by the Town.
- c) A bid not submitted on the prescribed form, not properly signed, or otherwise contrary to instructions, will be rejected.
- d) Only one bid will be accepted from a vendor, whether or not the same or different names appear on the signature page. Reasonable proof that an applicant has an interest in more than one bid will be considered just cause to reject all such bids, whether made directly or indirectly.

3. IDENTIFICATION OF SEALED ENVELOPES

Bids must be placed in sealed envelopes clearly marked with:

- a) Name and address of Company
- b) Title of Bid (Emergency Ambulance Rechassis)
- c) Scheduled date and time of bid opening (Friday, June 26, 2015 at 2:00 P.M.)

No responsibility will be assumed by the Town for the premature opening of any bid not properly identified.
After the deadline for submission, bids become the property of the Town.

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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TEWKSBURY, MA 01876

4. MAILING OF BIDS

Bids must be delivered to the following address:

Chief Michael Hazel
Tewksbury Fire Department
21 Town Hall Ave.
Tewksbury, MA 01876

- a) The envelope must be clearly marked:

“ EMERGENCY AMBULANCE RECHASSIS ”
NAME AND ADDRESS OF COMPANY
DATE AND TIME OF BID OPENING

- b) Regardless of the cause, no bid received by the Town after 2:00 PM on Friday, June 26, 2015 will be accepted. Responsibility for assuring receipt of bids before this deadline rests solely with the Company.

5. BID PRICES

Quotations shall remain firm for 90 days after the Bid opening, although an award may be made by the Town within 90 days of that date. Bid prices shall represent full compensation for a complete vehicle together with all equipment specified and must be written both in words and numbers.

6. BID FORM SIGNATURES

- a) Bids submitted by an individual must contain the full name and post office address of the Company. Bids by a firm or partnership must be signed by the person(s) having legal authority to execute such a document. The individual(s) signing the bid shall also indicate his/her title/position in addition to the full name and address of the firm or partnership.
- b) Bids by a corporation shall state the name/title of the corporate officer(s) authorized to execute the document, accompanied by a copy of the corporate vote granting said authority certified by the clerk of said corporation.

7. MODIFICATION OF BID

Bid modifications will not be considered by the Town unless a written request is received prior to the deadline set for opening of bids.

8. WITHDRAWAL OF BID

A bid may be withdrawn on written request of the Company made prior to the deadline set for the opening of bids.

9. SUBLETTING OF AWARD

Assignment of the award, or assignment of monies due or to become due, is prohibited without the written consent of the Town.

10. BREACH OF CONTRACT

In the event the successful Company fails to provide a complete vehicle together with all equipment specified as agreed, the Town reserves the right to terminate the contract and enter into other agreements to complete the work, and the Town shall nevertheless have the right to recover damages for breach of contract.

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TEWKSBURY, MA 01876

11. CHANGES IN THE SERVICES

Without invalidating the essence of the prevailing contract, the Town may order inclusion of extra work or the adoption of changes within the context of the bid specifications, with appropriate adjustments for payments being made in the contractual agreement.

12. INSPECTION OF WORK

The Town and its designated officials shall at all times have access to the dealership during its preparation, performance, or progress.

13. PERMITS AND LICENSES

The successful Company shall secure at its own expense all permits and licenses, pay all necessary fees/charges, and provide all notices relevant to the furnishing and delivery of the vehicle specified.

14. LIENS, DEMANDS, PERMIT FEES

The successful Company shall indemnify, defend, and hold the Town harmless from all liens, demands, or permit fees in any way associated with this work. The specified vehicle shall be furnished free and unencumbered of any charge against it.

The successful Company shall indemnify, defend, and hold harmless the Town, its agents, employees, officers, and volunteers from and against any and all liabilities, penalties, fines, or forfeitures, and the costs and expenses incident thereto (including costs of defense, settlement, and reasonable attorney's fees) which may be incurred as a result of death or bodily injury to any person, destruction or damage to any property, contamination of or adverse effects on the environment, or any violation or alleged violation of government laws, regulation, or orders caused by or resulting from the negligent acts or omissions of any employee or agent of the successful Company or from the failure of any equipment of the successful Company. The Company's liability shall not exceed the limits of its liability insurance as specified herein.

15. BIDDING ON SPECIFICATIONS

Companies shall carefully examine the information available to do the work and all conditions which may affect proper execution of the work. The purpose of this invitation is to provide an AMBULANCE RECHASSIS for the Town of Tewksbury, as detailed in the Technical Specifications section in this document and in accordance with all applicable federal, state, and local statutes, laws, and regulations. The Town requires that Companies shall bid on identical specifications.

- a) No claims for additional costs will be allowed because of lack of knowledge of the existing conditions.
- b) Each bid shall include all work and material and all other costs to complete the work as specified in this document.
- c) Any variation from the specifications for these services as set forth by the Town shall be clearly outlined in the bid and enumerated in detail on the exception sheet.

16. COMPANY RESPONSIBILITY

Each Company is responsible for verification of the vehicle to be provided. The Company shall provide the make, model, year of manufacture of the chassis.

17. BIDS

Bids should include all charges for services, materials, equipment, and supervision to complete, in a thorough, professional and worker-like manner, all the work described in this document.

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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TEWKSBURY, MA 01876

18. BIDS AS TOWN PROPERTY

Information submitted in each bid will become the property of the Town.

19. CONTRACT REVISIONS

No variation in the vehicle as originally specified shall be made by the successful Company unless first authorized in writing by the Town. No payment for unauthorized changes in the work specifications will be made by the Town.

20. PROJECT START-UP AND PROGRESS

Each Company must include a statement to the effect that the Company shall be prepared to commence work upon the signing of the contract. The Company shall deliver the completed vehicle within 180 days of the signing of the contract for the vehicle, time being of the essence.

21. INSURANCE

Companies must have the following insurance coverage:

- a) Worker's Compensation (unless not required by law) - Statutory Limits
- b) Comprehensive General Liability (including contractual liability and Product Liability) in the amount of : \$1,000,000.00 each occurrence annual and \$5,000,000 aggregate annual.
- c) Companies shall render an in-effect insurance certificate to the Town prior to starting the work. Insurance limits shall be in accordance with the requirements noted herewith, and must include a 15-day cancellation clause.

22. COMPLIANCE WITH OTHER LAWS AND REGULATIONS

The successful Company must comply with all federal, state, and local regulations pertaining to the agreement.

23. CERTIFICATES OF NON-COLLUSION AND TAX COMPLIANCE

Certificates of Non-Collusion and Tax Compliance signed by the Company must accompany each bid.

24. GENERAL INFORMATION

1. The successful Company will be required to sign a contract with the Town.
2. Bids will be evaluated by the Town Manager and the Fire Chief.
3. The contract will be awarded to the most responsive and responsible company offering the lowest price for the specified ambulance.

25. TRADE IN AMBULANCE CHASSIS

The bid price shall reflect the price of the Emergency Ambulance Rechassis less the value of the Trade-In chassis. The Town reserves the right to accept or reject the value of the Trade-In Ambulance Chassis.

II. REQUIRED FORMS

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

CERTIFICATE OF NON COLLUSION

The undersigned certifies under penalties of perjury that this bid has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

Company Submitting Bid:

Signature of Person Submitting Bid:

Print Name

Date

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

BID PRICE FORM 1

Name: _____

Address: _____

For the contract for: AMBULANCE RECHASSIS

Date: _____

Tewksbury Fire Department
21 Town Hall Ave.
Tewksbury, MA 01876

To Whom it May Concern:

This Bid is submitted in conformance with your Invitation to Bid for an Ambulance Rechassis.

The undersigned, having examined carefully the Invitation to Bid, the General Specifications, the Technical Specifications, the Proposed Agreement, and all related documentation, (all of the foregoing collectively being referred to as the "Contract Documents"), and having become familiar by investigation with the various conditions which may affect the performance of the work, agrees to furnish all services, perform all labor, and otherwise to do all things necessary to complete the Contract Work, in a competent, worker-like, and professional manner, in strict accordance with the Contract Documents, to your complete satisfaction and acceptance.

Bulletins and Addenda - The undersigned further agrees that the following bulletins and/or addenda, which have been issued during the bidding period, have been received and have been considered both before and in the preparation of the Bid and further understands that failure to acknowledge any addenda shall be sufficient basis for rejection of the Bid.

Bulletin or Addenda #

Date Received

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
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TEWKSBURY, MA 01876

Bid Price Form 2

Following is the Bid Price for an Emergency Ambulance Rechassis as required:

1. _____

(numbers)

2. _____ Dollars

(Write out figure)

Following is the Trade-In Value for a 2009 Ambulance Chassis as required:

1. _____

(numbers)

2. _____ Dollars

(write out figure)

The undersigned, in submitting this Bid, and in consideration of receipt of this Bid by you, intends to be legally bound by this Bid. Work will begin immediately following the signing of a contract.

IN WITNESS WHEREOF, the undersigned has caused the Bid to be executed as
of _____.

DATE

Firm: _____

Attest by: _____

Title: _____

By: _____

Title: _____

Corporate Seal

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

REQUEST FOR BIDS

CHECKLIST

(Town Use)

Are the following documents in each packet?

Category	Firm A	Firm B	Firm C	Firm D
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5 Copies of Bid

Insurance

References

Certification

Non Collusion Cert.

Tax Certificate.

Bid Price Form

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
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EMERGENCY AMBULANCE RECHASSIS AGREEMENT

Page 1 of 3

This agreement is made this _____, by and between the Town of Tewksbury, Massachusetts, a municipal corporation ("Town") and _____ ("Company").

The Town and Company for mutual consideration agree as follows:

1. The Company shall: Provide the equipment in accordance with the specifications attached and made a part of this Agreement.
2. The Company understands and acknowledges that equipment delivered shall meet or exceed in each and every item the technical specifications.
3. The Company shall indemnify, defend, and hold harmless the Town, its agents, employees, officers, and volunteers from and against any and all liabilities, penalties, fines, or forfeitures, and the costs and expenses incident thereto (including costs of defense, settlement, and reasonable attorney's fees) which may be incurred as a result of death or bodily injury to any person, destruction or damage to any property, contamination of or adverse effects on the environment, or any violation or alleged violation of government laws, regulation, or orders caused by or resulting from the negligent acts or omissions of any employee or agent of the Company. The Company's liability shall not exceed the limits of its liability insurance.
4. The Company shall perform this Agreement as an independent contractor and shall have and maintain complete control over its employees, agents, and operations. Town agents or employees shall not represent, act, purport to act, or be deemed the agent representative, employee, or servant of the Company.
5. The Company shall not assign any rights there under, nor shall the Company subcontract any of its obligations without the prior written consent of the Town.
6. Any breach of any provision or condition of this Agreement by either party shall not be deemed to be a waiver of that provision or condition or any other provision or condition of this Agreement unless such waiver is expressed in writing and issued by the parties.
7. No modification of this Agreement shall be binding on the Company or the Town unless stated in writing and signed by both parties.
8. This Agreement shall be interpreted in accordance with the laws of the Commonwealth of Massachusetts and any suits must be filed in the Middlesex County Superior Court or the Lowell District Court.

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2015 EMERGENCY AMBULANCE RECHASSIS AGREEMENT

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9. Any notice or other communication given under this Agreement to the Town of Tewksbury shall be in writing and addressed or delivered to the following:

Chief Michael Hazel
Tewksbury Fire Department
21 Town Hall Avenue
Tewksbury, MA 01876

10. The contract documents consist of this Agreement, the Invitation to Bid, General; Specifications, Technical Specifications, the Bid, Award Letter, and all addenda issued prior to the execution of this Agreement between the Town and the Company, except for modifications issued after the execution of the Agreement.

11. Company shall promptly, upon execution of this Agreement, commence manufacture and shall deliver said vehicle to the Town within 120 days from the date of execution, time being of the essence.

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TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

EMERGENCY AMBULANCE RECHASSIS AGREEMENT
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IN WITNESS WHEREOF, the parties execute this Agreement by their duly authorized representatives.

Town of Tewksbury, MA

Company

By: _____

By: _____

Richard A. Montuori

Town Manager

Date: _____ Date: _____

Funds Available:

By: _____

Karen Kucala
Town Auditor

Date: _____

Approved as to Form:

By: _____

Kevin Feely, Esq.
Town Counsel

Date: _____

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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III. SPECIFICATIONS:

BIDDER INSTRUCTIONS:

The following specification describes an ambulance rechassis that is expected to be acquired by this purchaser. The specification describes the needs of this purchaser as far as chassis configuration and module body refurbishment required. A state of the art vehicle is required. However, manufacturers that utilize prototype equipment or manufacturing processes will not be considered. The builder's manufacturing history shall be supported by documentation where applicable, and by the reference section within this specification.

Please note that the following specifications represent minimum general terms or requirements. While it is not the intent of this purchaser to preclude any qualified bidder from submitting a proposal it must be clear that any bidder deviating in any substantial manner from these specifications will be rejected as being non-compliant.

Finally, manufacturers or distributors for manufacturers submitting bids shall include the following information with their proposal:

MINIMUM REQUIRED STANDARDS:

The highest degree of quality, both in the materials and in the building processes, is required for the emergency medical vehicle being proposed. At a minimum the manufacturer being proposed must meet all current mandated and voluntary ambulance design standards in effect at the date of the proposal submission. All current Federal Motor Vehicle Safety Standards (FMVSS) must be met. A federally approved FMVSS compliance sticker must be affixed to the vehicle.

The manufacturer being proposed shall build new vehicles in addition to performing vehicle rechassis and refurbishment as required under this specification.

The manufacturer shall also comply with Ford Motor Company's QVM program. A copy of the manufacturer's current QVM certification must be submitted with the bid.

The current QVM certification is included.

Yes _____ No _____ Initial: _____

PROPOSAL COMPLETION PROCESS:

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

Does the bidder understand this requirement?

Yes _____ No _____ Initial: _____

SINGLE SOURCE MANUFACTURER:

To simplify warranty coverage and to assure a consistent level of quality throughout the vehicle, a manufacturer is desired that manufactures the major components for the ambulance (excluding the chassis). Major components are defined as including the module body, the aluminum interior cabinets, and the converter-added electrical wiring system. This is required due to the possibility that repairs may be required during the refurbishment process. This purchaser understands that manufacturers may purchase some elements, such as switches, boards, etc. with which to manufacture a system.

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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Further, this specification requires the vehicle manufacturer to own the design of, as well as the rights to, the onboard converter-added electrical system. Again, this is required should repairs or modifications/upgrades be required. Generic aftermarket systems that are manufactured by an outside company and installed by the vehicle converter are not acceptable. Rechassis and related bid work to take place at original manufacture's facility.

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

Bidder states that the represented vehicle builder manufactures all of the major components as defined above:

Yes_____ No_____ Initial: _____

Bidder states that the represented vehicle builder owns the design of the converter-added electrical system, as well as all rights to that system and any software that may be required:

Yes_____ No_____ Initial: _____

Component manufacturer (by company name):

Modular Body: _____

Interior Cabinets: _____

Electrical Wiring System: _____

QUOTATION:

The overall quotation shall include a firm price for a vehicle meeting these specifications. The length of time that the price will be held shall be clearly stated in the quotation. The quotation shall include a specific delivery window based on the number of calendar days following the award of the contract. The model year of both the chassis and the rechassis shall be clearly stated in the contract.

WARRANTY:

The proposal shall include all warranties that are required in the following detailed specification. Lifetime warranties will not be accepted because of their unclear nature of duration. All warranties must have specific time durations and shall define warranties on specific components. The minimum acceptable warranty periods are noted below. In the blank lines the bidder shall note the terms of the warranties that apply to the manufacturer being proposed. It should be noted that the refurbishment work performed shall NOT compromise any remaining warranty as provided by the original ambulance manufacturer.

MODULAR BODY STRUCTURAL WARRANTY: 15 years/Unlimited Miles
Proposed warranty term: ___ years/_____ Miles

Note: The structural warranty, as noted in the structural section of this specification, will include the module doors, continued module body door alignment, and all interior cabinet construction. It shall also be extended on 5 year intervals in the event that the body is placed on a new chassis provided that (1) the rechassis is performed by the original manufacturer, (2) the structural warranty has not expired at the time of the re-chassis, and (3) this purchaser approves any structural repairs at the time of the re-chassis. These terms and conditions must be explicitly stated in the manufacturer's warranty certificate.

Does the structural warranty proposed comply with the above-stated terms and conditions? Yes_____ No_____

ELECTRICAL WARRANTY: 6 years/72,000 Miles
Proposed warranty term: ___ year(s), _____ Miles

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CONVERSION WARRANTY: 2 Years/24,000 Miles
Proposed warranty term: ___ year(s), _____ Miles

PAINT WARRANTY: 4 Years/48,000 Miles
Proposed warranty term: ___ year(s), _____ Miles

For verification of the completed warranty terms stated above the bidder must include printed manufacturer's warranty certificates that meet or exceed the minimum required periods stated above.

Are the manufacturers warranties included? Yes____ No____

Warranties shall not be pro-rated in any manner and shall be transferable for their duration. All warranties shall be from the manufacturer as opposed to a distributor or service center. This is necessary for the protection of the purchaser, and to guarantee a certain known level of service and warranty. If, however, the bidder feels that it is necessary to modify the manufacturer's warranties, then the bidder shall state why this modification is necessary. In addition, the bidder shall provide a full descriptive warranty certificate describing the warranty modification and the fact that it takes specific precedence over the warranty offered by the manufacturer. If no such certificate is provided, then the modified warranty shall be considered invalid and the manufacturer's warranty shall remain in force. If a warranty modification is proposed through either a distributor or service center, then complete financial statements for that business covering the past five (5) years MUST BE SUBMITTED with the bid. If the manufacturer states that no party is permitted to modify its warranty, then any warranty modification provided by the bidder, despite being in writing, shall automatically be rejected.

SERVICE AVAILABILITY:

Service will be a major factor in the award of this proposal. Convenience and experience will be determining factors in defining acceptable service. A service facility within a radius as described below will be required. Personnel performing the service shall be trained by the manufacturer with emphasis in the area of electrical service. In order to evaluate the proposed service facility the following information shall be provided on the appropriate lines.

Radius from purchaser: Not more than 65 miles.

Facility name: _____

Address: _____

City: _____ State: _____

Contact: _____

Phone #: 1-(____)-____-_____

Training Description: _____

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REFERENCES:

The proven durability and reliability of this product is of the utmost concern. Each bidder submitting a proposal must furnish references consisting of in-service units of similar chassis make and conversion processes being proposed.

All references shall include owner, address, contact name and phone number, and the model owned. A minimum of ten (10) references shall be provided:

1. Owner: _____

Address: _____

Contact: _____

Phone #: 1-(____)-____-_____

Model: _____ Year: _____

LIABILITY:

The bidder shall defend, indemnify, and save harmless the purchaser and its officials from all claims, demands, payments, suits, actions, recoveries, and judgments of every description, whether or not well founded in law, brought or recovered against it, by reason of any act or omission of said bidder, his agents or employees, in the execution of the contract or in consequence of insufficient protection or for the use of any patented invention by said bidder, and a sum sufficient to cover aforesaid claims may be retained by the purchaser from money due or to become due to the bidder under this contract, until such claims have been discharged or satisfactorily secured.

Each bidder must furnish a Certificate of Insurance showing aggregate total of insurance which shall not be less than twenty-five million dollars (\$25,000,000).

Certificate of Insurance included with proposal? Yes _____ No _____

In addition, the bidder is to assume any risk of loss to the ambulance until the ambulance is delivered to this purchaser.

Does the bidder understand this requirement? Yes _____ No _____

PAYMENT:

Payment shall be made on delivery of the purchased item, or upon completion of all work contracted for (whichever occurs later) and performed to the satisfaction of the purchaser. Clauses requiring prepayment of any portion of the contract amount will render the bid non-responsive whereupon it will be rejected.

Does the bidder comply with this requirement? Yes _____ No _____

If no explain:

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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DELIVERY PROCESS:

The vehicle shall be delivered over the road to the purchaser. Delivery shall be stated in number of calendar days after award of contract. The purchaser has the right to reject the vehicle if it does not conform to these specifications to the satisfaction of the purchaser.

Does the bidder understand this requirement? Yes _____ No _____

PRICE AND TAXES:

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

F.O.B. : Tewksbury Fire Department

SPECIFICATION DESIGN:

The following specifications were created by the purchaser in order to best describe a need. However, it is not the intent of the purchaser to exclude any manufacturer from submitting a bid on these specifications. In many places required equipment or features are identified by brand name. The bidder shall note that the use of brand names within this document is meant to describe a required level of quality or performance. The bidder may substitute equipment or features provided that the substitutions meet the intent of the specification. The bidder shall note, however, that substitute components shall be included in the list of exceptions. Exceptions should be listed per the following bid completion requirements.

BID COMPLETION REQUIREMENTS:

1. All proposals shall be submitted to:

Purchaser: TEWKSBURY FIRE DEPARTMENT
Address: 21 TOWN HALL AVENUE
City: TEWKSBURY State: MA Zip Code: 01876
Attention: CHIEF MICHAEL HAZEL

Proposals must be submitted by: June 26, 2015 at 2:00 P.M.

2. All proposals shall be submitted in a sealed envelope with the following information marked on the outside of the envelope:

BID FOR EMERGENCY AMBULANCE RECHASSIS

3. All proposals shall be submitted in a hard-bound binder. In order to facilitate evaluation, the binder shall be divided by header into the following minimum sections:

- A. Proposal: Bidders proposal showing product bid, model year, price, and delivery date.
- B. Specification: Purchasers advertised specifications completed as required.
- C. Warranty: Complete written certificates as offered by the bidder.

Bidders proposal meets all of the requirements listed above. Yes _____
No _____ Initials: _____

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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TEWKSBURY, MA 01876

INFORMATION TO BE SUBMITTED WITH PROPOSAL:

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

Does the bidder comply with these requirements?

Yes _____ No _____ Initial: _____

DIRECTIONS FOR RESPONDING TO EACH SECTION:

Each individual section of the specification shall be followed by three (3) response lines. The lines shall read as follows:

Above section bid exactly as written. _____
Section not provided. _____
Bidder is offering an alternative to this section. _____

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

Does the bidder understand this requirement?

Yes _____ No _____ Initial: _____

EXCEPTIONS TO SPECIFICATIONS:

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

Page #: _____ Header: _____

Exception:

ORIGINAL VEHICLE INFORMATION:

The vehicle to be refurbished is as follows:

CONVERSION INFO.

Ambulance Manufacturer: Horton Emergency Vehicles

Model: 553B

Type: E450 Type 3

Cab to Axle: 100"

Body Length: 269.5"

Body Width: 100"

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Interior Height: 72"
Cab Connection Type: Walkthrough.
Body Mount Style: Double Bolt style: _____ ViTech: X
Fuel Fill Location: Standard body side rear
Electrical System: Intelliplex

CHASSIS INFO.

Year: 2009
Make: Ford
Model: E450
Miles: 85,369
VIN: 1FDXE45P49DA61723
Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

RETURN ITEMS:

The following items are to be returned to the purchaser at the conclusion of all work contracted for:

Dismounted chassis _____
Chassis disposed of by manufacturer _____
Chassis disposed of by dealer X
Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

CHASSIS:

The chassis required for this project is specified in detail below. Failure of the bidder to provide the chassis exactly as specified will be grounds for rejection of the bidder's proposal as being non-responsive. Exceptions will be made only if the bidder can prove that a required feature is unavailable from the chassis O.E.M.

CHASSIS, 2015 FORD E-450 SUPER DUTY, 158" CUTAWAY:

The vehicle converter shall supply a 2015 158" wheelbase Ford E Series Super Duty cutaway chassis. The chassis shall include Ford's Ambulance Prep Package.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

ENGINE AND RELATED EQUIPMENT:

-6.8L Triton V10 gasoline engine
(305 HP @ 4250 RPM)
(420 lb. Ft. Torque @ 3250 RPM)
-40 gallon fuel tank mounted between the frame rails aft of the rear axle.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

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TRANSMISSION:

- TorqShift 5-Speed automatic with overdrive.
- Transmission Oil Cooler.
 - Above section bid exactly as written: _____
 - Section not provided: _____
 - Bidder is offering an alternative to this section: _____

REAR AXLE:

- Ratio: 4.56:1 limited slip
 - Above section bid exactly as written: _____
 - Section not provided: _____
 - Bidder is offering an alternative to this section: _____

OVERALL WEIGHT RATINGS:

- GVW: 14,500 lbs.
- Front GAWR: 5,000 lbs.
- Shock Absorbers: Heavy Duty-Front and rear
- Stabilizer Bar: Front and rear
 - Above section bid exactly as written: _____
 - Section not provided: _____
 - Bidder is offering an alternative to this section: _____

TIRES AND WHEELS:

- Quantity of seven (7) tires with spare shipped loose
- Tire size to be LT225/75R16 Load Range 'E'
- Tires shall be all season radials
- Steel wheels
 - Above section bid exactly as written: _____
 - Section not provided: _____
 - Bidder is offering an alternative to this section: _____

BRAKES:

- Front and Rear: 4-wheel hydraulic disc with ABS
- Power Assist: Hydro-boost
- Parking Brake: Foot Operated
 - Above section bid exactly as written: _____
 - Section not provided: _____
 - Bidder is offering an alternative to this section: _____

INTERIOR APPOINTMENT STANDARDS:

- Interior Upgrade Package
- Power steering
- Tilt steering with factory speed control
- Courtesy lights
- Dual padded sun visors
- High Series door trim panels
- A pillar grab handles
- Cloth headliner
- Rear view mirror
- Power door locks
- Power windows

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- Two 12V power points
- Sound reduction package
- Light/Convenience group
- Heat/Air conditioning
- Dual O.E.M. cloth-covered captain's chairs with inside folding arm rests
- Carpeting on cab floor
- Second generation driver and passenger air bags
- An electronic AM/FM stereo/CD player with two (2) speakers installed in cab
- Factory gauges for oil pressure, fuel capacity, and water temperature.
- The converter-added digital display shall provide both ammeter and voltmeter.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

ADDITIONAL APPOINTMENT STANDARDS:

- Tinted glass
- Dual electric horns
- Interval wipers
- Mirrors, telescopic trailer tow with power adjustable flat glass and manually adjustable convex
- ICC marker lights (Installed by vehicle converter)
- Halogen headlights with daytime running lights
- Chrome-plated front bumper
- Auxiliary idle control
- Auxiliary heat/AC connections
- Front license plate bracket

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

BATTERIES:

The vehicle shall be equipped with two (2) batteries (1-750 cca and 1-750 cca) on a roll-out tray in the lower curbside battery compartment. This design will allow for a total of 1,400 cca.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

ALTERNATORS:

A single 225 amp O.E.M. Motorcraft alternator shall be installed by the chassis manufacturer. The alternator shall be internally regulated.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

WARRANTY:

The chassis manufacturer's standard vehicle warranty policies shall apply.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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CHASSIS SPECIAL INSTRUCTION:

Town of Tewksbury will get the Ford municipal discount from the chassis list price. Call Tewksbury Fire HQ for the FIN number.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

CHASSIS INTERIOR COLOR:

The chassis interior shall be O.E.M. gray.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

CHASSIS HARDWARE AND ACCESSORIES:

The items to follow represent chassis modifications, hardware, and accessories that are required. Failure to provide these features will be cause for rejection of the bidder's proposal as being non-responsive.

STAINLESS STEEL WHEEL COVERS:

Stainless steel DOT approved wheel inserts shall be installed on all four outside wheels of the chassis. The rear wheels shall include braided stainless steel filler extensions. The extensions shall be fastened to the center wheel hub with stainless steel brackets. Designs that do not incorporate the filler extensions will be unacceptable as they hinder inflation of the inner tire.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

MUD FLAPS, FRONT:

The vehicle converter shall install mud flaps behind the front wheels. The mud flaps shall attach to the chassis front fenders and shall protect the cab body panels from road debris.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

MUD FLAPS, REAR:

The vehicle converter shall install individual rubber mud flaps behind each rear wheel. The mud flaps may incorporate the converter's corporate logo provided that the logo is made out of stainless steel or equivalent and attached to the mud flap. Logos either printed on, or otherwise incorporated into the mud flap are not desirable as they cannot be removed and possess a tendency to fade.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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DIAMOND PLATE RUNNING BOARDS:

Diamond plate running boards shall be installed on each side of the cab at the cab entry points. The running boards shall be .125" thick 3003-H14 alloy polished aluminum diamond tread plate. The design of the running boards shall incorporate grip strut inserts, welded into place, for better foot traction and drainage. They shall include a splash shield at the forward end to protect the vehicle from spray and road debris.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

TOW HOOKS, REAR:

Two tow hooks, painted black, shall be bolted to the rear bumper frame.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

REAR STEP/BUMPER ASSEMBLY:

The rear of the vehicle shall be equipped with a step/bumper assembly to be fabricated from .125" polished aluminum diamond tread plate. The assembly shall be spaced out from the rear kick plate a minimum of 1.5". The center section of the assembly shall pivot up and over center on two (2) .5" bolts to stay in the 'up' position. This section shall be a minimum of 9.5" deep and shall be constructed with grip-strut on the stepping surface to provide for better footing. The ends of the assembly shall be fixed diamond tread plate. The distance between the top of the step and the ground shall not be less than 16". The fold-up portion of the step shall be firmly held down with two (2) pin and socket holders to prevent rattling while the vehicle is in motion.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

MIRROR: OEM

The mirror set shall be OEM supplied, and installed by the chassis manufacturer.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

REAR AIR BAGS:

The rear suspension shall include the installation of air bags as a means of improving vehicle ride and handling. Each bag shall have a manual fill valve located in the curbside rear #5 compartments. A stainless steel protective cover shall be installed in this area to prevent damage to the air fill valves.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

FRONT IPD STABILIZER BAR:

A Roadmaster brand stabilizer bar shall be installed on the front of the vehicle.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

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REAR IPD STABILIZER BAR:

A Roadmaster brand stabilizer bar shall be installed on the rear of the vehicle in place of the O.E.M. stabilizer bar.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

'ON SPOT' AUTOMATIC TIRE CHAINS:

'On Spot' automatic tire chains shall be installed on the vehicle. The switch to activate the chains shall be installed on the front console of the vehicle and shall include a safety guard to prevent the switch from accidentally being engaged.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

BATTERIES BELOW FRONT WALL CABINET:

The two chassis batteries are to be installed in a pull out aluminum box located below the front wall cabinet. The batteries will be vented to outside air.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

ENGINE HOUR METER:

An engine hour meter shall be installed on the driver's side of the front console.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

REVERSE ALARM:

An audible alarm shall be installed to activate when the vehicle is placed into reverse gear. There shall be, installed on the front console and wired through the vehicle electrical system, a momentary cutoff switch to disable the alarm. This switch shall automatically reset each time the vehicle is placed into reverse gear.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

AM/FM/CD PLAYER:

The OEM AM/FM/CD player shall be installed in the cab and wired to the OEM cab speakers. This unit shall also be capable of being wired to patient area speakers should they be required within this specification.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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SPECIAL INSTRUCTION, CHASSIS HARDWARE:

Mount the reverse camera monitor from the original chassis into the new chassis.

RECHASSIS:

This section provides detail of the work to be performed in relation to the body being remounted onto the chassis described above.

AMBULANCE RECHASSIS:

The vehicle manufacturer shall remount the purchaser's existing ambulance body onto a new chassis as detailed above. All other refurbishment work, as detailed throughout this specification, shall be performed in addition to the remounting of the body. The body shall undergo a thorough inspection during this process and any areas of concern must be brought to the attention of the purchaser prior to work being performed.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

STREETSIDE FRONT COMPARTMENT (#1):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

STREETSIDE WHEELHOUSE COMPARTMENT (#3):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

STREETSIDE INTERMEDIATE COMPARTMENT (#2):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

STREETSIDE REAR COMPARTMENT (#4):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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CURBSIDE REAR COMPARTMENT (#5):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

CURBSIDE REAR COMPARTMENT (#5):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

CURBSIDE FRONT COMPARTMENT (#6):

The existing body is equipped with a compartment as referenced above. See below for any required modifications to this compartment.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

DRIP MOLDINGS:

New body door drip moldings shall be installed above all compartment and patient entry doors.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

BODY ATTACHMENT:

The manufacturer shall install all new body mounts that match the mounts on the existing unit. The mounts provided, in addition to duplicating the original mounts, shall have been subject to Hygee sled testing of not less than 30Gs. Any exception to this requirement may cause the bid to be rejected.

In addition to the requirements listed above the manufacturer shall also install all new cab to body seal or bellows as may be applicable for the chassis specified.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

MODULE BODY HARDWARE:

The following section lists hardware items that are to be installed on the vehicle body.

COMPARTMENT AND ENTRY DOOR SEALS:

The manufacturer shall replace all body door seals with new. These seals shall be inserted into the grooves on the door frames without the use of glue. Seals installed on the door openings are prohibited.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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REPLACE FRONT STAINLESS STEEL SPLASH SHIELDS:

The current stainless steel splash shields on the front of the body are to be replaced with new stainless guards with a brushed finish.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

STAINLESS STEEL FENDERS:

New polished stainless steel fender flares shall be installed above each wheel well opening. The mounting of these flares shall provide for no contact between the stainless steel fender, fasteners, and the aluminum body skin. This is done to eliminate any contact between dissimilar metals and the electrolysis that may result.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

REPLACE STAINLESS STEEL RUB RAIL:

New polished stainless lower body rub rails shall be installed as noted below. Each rail shall be securely installed yet simple to remove and replace in the event of damage. Each rail is to be a three piece assembly to include a channel style rub rail and two removable end caps. These rails are to have a #8 mirror finish. Rubber rub rails are not acceptable to this purchaser.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

EXTENDED CORNER GUARDS:

Extended stainless steel stone guards and polished aluminum diamond plate corner guards shall be installed as noted below. The guards shall be extended and shall terminate where noted.

Locate: Front of body

Configure: Extend to bottom of paint stripe

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

REAR ACCESS DOOR HOLD-OPEN DEVICES:

Cast Products "Grabber" style rear door hold-open devices shall be installed to maintain the rear access doors in the 'open' position. One loop shall be installed on each door, and the appropriate socket shall be installed on the body. These devices are to be chrome finish in lieu of Cast Products' standard finish.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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CONCEALED DOOR LOCK SWITCH:

A concealed weatherproof switch shall be installed as indicated below to operate the power door locks specified above. The switch shall be wired to unlock only.

Locate: front grill

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

REFLECTORS ON ENTRY DOORS:

New red reflectors shall be installed on the inside on the patient area doors.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

RUBBER MATTING IN EXTERIOR COMPARTMENTS:

Black rubber matting material shall be cut to size and installed on the bottoms of all exterior compartments and shelves. The material shall feature integral ridges to help equipment to stay in place.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

MATEFLEX IN EXTERIOR COMPARTMENTS:

Mateflex material shall be cut to size and installed on the bottoms of all exterior compartments and shelves.

Color: RED

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

GRIP LOCK TRIM-EXTERIOR SHELVES AND DIVIDERS:

Grip-Lock trim material shall be installed on the faces of all exterior compartment shelves and dividers where applicable.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

PAINT AND STRIPING:

Vehicles paint and striping requirements, as needed, as listed below:

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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REPAINTING OF THE BODY:

The manufacturer shall perform the following work on the body exterior:

1. Remove all body doors, door handles, hinges, windows and hardware
2. Sand body and doors
3. Acid etch body and doors
4. Apply conversion coating
5. Repaint body and doors per color instructions listed below
6. Reinstall doors, door handles, hinges, windows and hardware unless new parts are specified

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

PAINT:

An acrylic urethane paint process is required on the module body. This process shall extend to the chassis if the vehicle converter must perform paint or body work to the chassis. The acrylic urethane process is required so that the highest possible gloss will be provided. Acrylic urethane possesses superior color and luster retention characteristics when compared to other types of paint. In addition, an acrylic urethane process provides a higher resistance to chemical sprays, salt sprays, humidity, and temperature changes. Lastly, this process, given the expected life of the vehicle and its heavy-duty cycle, will best resist chipping. The final paint application shall be free of material application imperfections such as orange peel, streaking, or a dull finish. Once painted, the vehicle shall be inspected under a black light to bring any small imperfections, not seen with the naked eye, to attention. Any such imperfections shall be repaired prior to the conclusion of the paint inspection process. The final application shall provide a high gloss on all body surfaces including the roof and excluding the underside.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

PREPARATION:

To produce an acceptable paint finish, the following paint process must be used:

All existing paint and other finish residue must be completely removed from the body exposing bare aluminum. All body doors and hardware must be removed prior to any wash, prime, or final paint application. All material impurities and oils must be removed from the bare aluminum body. The entire module body, excluding the underside, will have all visible welds ground down and all material imperfections filled. All holes (e.g. for hinge mounting, etc.) shall be plugged at this stage to prevent any cleaning agents from entering the module body framework. The body shall be prepared for paint by spraying with a phosphoric acid-based cleaner to remove dirt and oil and to etch the body for superior paint adhesion. The application of the cleaner shall be followed with a water rinse. Next, a chromium-free titanium composite coating shall be applied to the body to enhance paint adhesion and to prevent corrosion. The body shall be rinsed with de-ionized water to prevent salts from accumulating on the surface. The body will, then, be baked dry prior to the application of three (3) coats of Sikkens Colorbuild primer. The primed body shall be finish sanded and made ready for the final paint application. All module doors, though handled separately from the body, shall undergo the same process as described above.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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PAINT MANUFACTURER'S INSPECTIONS:

The manufacturer shall maintain an outside paint audit system. As part of that audit the paint manufacturer shall regularly receive and test sample paint panels that are painted along with module bodies. The paint manufacturer shall also provide regular onsite inspections of the vehicle manufacturers paint process to assure a consistent level of quality. Audit reports from these inspections shall be provided to management.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

ADDITIONAL CORROSION PREVENTION MEASURES:

All locations where fasteners penetrate the outer skin of the module body shall be coated with ECK anti-corrosion agent. In addition, all fasteners that penetrate the outer skin of the module body shall be treated with an anti-corrosion agent to assure the maximum protection against vehicle corrosion and electrolysis.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

NON-METALLIC HOLE INSERTS:

All locations where light heads and fenders attach to the aluminum body shall utilize threaded Nylon inserts to isolate the fasteners from the aluminum module body skin and structure. This practice, along with the other measures described above, shall act to minimize the threat of electrolysis.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

PAINT WARRANTY:

The paint warranty provided by the converter must meet all warranty standards as set forth elsewhere within this specification. At a minimum this warranty will be 4 years/48,000 miles. The warranty MUST NOT be prorated in any manner. Bidder must submit a manufacturer's paint warranty certificate with the bid. Failure to do so will result in automatic rejection of the bidder's proposal.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

CHASSIS PAINT COLOR:

The chassis shall be painted by the ambulance converter with Sikkens Autocryl acrylic urethane paint. The paint shall meet the following requirements:

Color: RED
Number: FLNA 3225

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

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BODY PAINT COLOR:

The final paint application to the vehicle body shall be made with Sikkens Autocryl acrylic urethane paint.

Color: RED

Number: FLNA 3225

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

REAR CHEVRONS:

Install Diamond-grade chevron striping on the rear of the body around the rear doors. Install inboard of the corner posts and below the upper drip rail.

Colors: 6" RED 983-72 and Florescent yellow green 983-23

Match existing body

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

ENTRY DOOR CHEVRONS:

Install Diamond-grade chevron striping on the lower portion of the interior door panel as noted below:

Colors: same as above

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

SPECIAL INSTRUCTION, PAINT & STRIPING:

BELTLINE 11" WIDE SCOTCHLITE. A 1.5 "WIDE SCOTCHLITE STRIPE APPLIED ABOVE AND BELOW THE BELTLINE. LEAVE A .250 GAP BETWEEN THE WHITE AND YELLOW SCOTCHLITE. ALL STRIPES TO WRAP REAR FACE AND REAR MODULE DOORS. INSTALL A 6" WIDE SKIRTLINE STRIPE THAT STARTS AT LOWER EDGE OF COMPARTMENT DOORS AND EXTENDS UP. INSTALL ON MODULE SIDES ONLY. DUPLICATE EXISTING DESIGN.

CABINET DOORS, PLEXIGLAS, HANDLES AND HARDWARE:

Information relative to interior door materials, handles, and hardware is provided below:

INTERIOR CABINET INSPECTION AND REPAIR:

All Interior cabinet latches, hinges, doors, handles, sliders, hardware and trim shall be inspected. Should any parts be recommended for replacement, then the bidder must inform this agency of any additional cost prior to the work being performed. Please note that replacement hardware, if required, should match the existing hardware. Failure to match the existing hardware must be explained in detail as an exception to this specification.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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INTERIOR COLORS, UPHOLSTERY AND SEATING:

Any required modification/refurbishment of the patient area interior is listed in detail below:

None

ALUMINUM INTERIOR CABINETS, STREET SIDE:

Interior cabinetry information is listed within the following section:

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

ALUMINUM INTERIOR CABINETS, FORWARD WALL:

Information on the front wall of the module body interior is listed within the following section:

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

MODULE INTERIOR ACCESSORIES AND TRIM:

The following section addresses interior accessories and trim features as may be required for this project:

COT MOUNTS AND ACCESSORIES:

The following section addresses cot mounting hardware instructions:

COT MOUNT:

Install customer supplied Ferno Washington Model 601ICS charging system for a Power Flex cot. System includes connection to the cot, floor cups, and electrical connection to the shoreline circuit. Unless otherwise specified, mount will be installed in the center location.

Cot Model: ProFlex

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

LIGHTBARS:

Lightbar information, as may be required, is noted below:

The existing cab-mounted front lightbar shall be transferred to the refurbished unit.

Model: Liberty Super LED light bar

Locate: cab roof

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

TEWKSBURY FIRE DEPARTMENT
21 TOWN HALL AVE.
TEWKSBURY, MA 01876

ELECTRICAL EMERGENCY VISUAL WARNING SYSTEMS:

Warning lights are to be installed per the following instructions:

HEADLIGHT FLASHER:

The vehicle headlights shall alternately flash through the activation of the appropriate switch on the cab control console. This feature shall be accomplished through a solid state flashing device that is a part of the primary electrical control board.

A programmable phase control shall be built into the system board to allow alteration of the light flashing sequence. The flash pattern must be capable of being switched from an alternating pattern to a pulsating pattern.

The phase of "on" time can be programmed to flash when desired for an effective light pattern. For instance: If the left grill light is flashing "on", the right flashing headlight is desired to be "on". Different flash patterns may be achieved through programming.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

INTERSECTION LIGHTS, SUPER L.E.D. 700 SERIES:

One pair of Whelen 700 Series super L.E.D. light assemblies with independent side to side flash control shall be installed. One light shall be installed on each chassis front fender. Each light is to include the optional chrome flange. Clear lens is standard for split color light heads. Double flash, red forward.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

HEADLIGHT FLASHER:

The vehicle headlights shall alternately flash through the activation of the appropriate switch on the cab control console. This feature shall be accomplished through a solid state flashing device that is a part of the primary electrical control board.

A programmable phase control shall be built into the system board to allow alteration of the light flashing sequence. The flash pattern must be capable of being switched from an alternating pattern to a pulsating pattern.

The phase of "on" time can be programmed to flash when desired for an effective light pattern. For instance: If the left grill light is flashing "on", the right flashing headlight is desired to be "on". Different flash patterns may be achieved through programming.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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INTERSECTION LIGHTS, SUPER L.E.D. 700 SERIES:

One pair of Whelen 700 Series super L.E.D. light assemblies with independent side to side flash control shall be installed. One light shall be installed on each chassis front fender. Each light is to include the optional chrome flange. Clear lens is standard for split color light heads. Double flash, red forward.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

GRILLE LIGHTS, 500 SERIES SUPER LED's TIR6:

One pair of Whelen 500 series TIR6 Super LED light assemblies shall be provided and installed as grille warning lights. The installation shall be done in such a way as to not impede airflow through the chassis manufacturer's O.E.M. grille. Aftermarket, modified, or improvised grille work will not be acceptable. The required lens color is listed below.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

GRILLE LIGHT HOUSINGS FOR 500 SERIES TIR6 LIGHTS:

Grille light housings for 500 series TIR6 LED lights are to be installed on the front of the chassis in the grille area.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

AUDIBLE EMERGENCY WARNING SYSTEMS:

The following audible emergency warning features shall be installed on the vehicle:

TRANSFER EXISTING SIREN HEAD TO NEW VEHICLE:

The existing vehicle siren shall be transferred to the new vehicle and wired for operation.

Locate: console

Model: WS295HFS1

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

SIREN SPEAKERS:

The existing siren speakers shall be transferred from the old chassis to the new chassis and wired for operation.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

LIGHTING:

Lighting information is noted below:

NO changes provided all lighting is in good working order.

EMERGENCY AMBULANCE RECHASSIS SPECIFICATIONS

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ELECTRICAL POWER GROUP:

Vehicle electrical system instructions are listed within the following section:

CHASSIS ELECTRICAL HARNESS:

A new electrical harness shall be installed on the new chassis. This harness will be custom made to mate up to the existing body harness.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

AUTOMATIC BATTERY SWITCH:

An In-power electronic battery switch shall be installed. The switch is to activate battery power through the vehicle ignition and is to include an automatic shutdown timer to deactivate battery power after the ignition is turned off.

Shutdown timer interval: 5 minutes

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

DIGITAL CLOCK:

A large face digital 12/24 hr. clock shall be provided and installed as noted below. This clock is to be 12V and is to include a lithium battery back-up. This clock is to be self-adjusting and is to include a highly visible red readout. This model includes seconds display.

Locate: SAME AS ORIGINAL

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

STEP WELL LIGHT:

A 10.5" LED Vista light strip will be installed on the bench side of the step well. Light to activate with door open through a magnetic door switch.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

TRANSFER THE EXISTING HAND HELD SPOTLIGHT:

The existing hand-held spotlight shall be transferred to the new unit.

Locate: SAME AS ORIGINAL

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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HEATING AND AIR CONDITIONING:

The following section addresses Heat/AC instructions for this vehicle.

12V HEAT/AC SYSTEM:

The 12V heat/AC system shall be installed per the instructions listed above.
The BTU and CFM ratings on this unit shall be as follows:

Heat: 65,000BTU

A/C: 32,000BTU

CFM: 650

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

CAB CONSOLE AND COMMUNICATIONS:

The vehicle communications and console features are designated below:

TRANSFER THE ORIGINAL CAB CONSOLE:

The original cab console and radios to be transferred to the new chassis in good working order.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

OXYGEN AND SUCTION SYSTEMS:

Oxygen and suction requirements are listed below:

TRANSFER AND RETEST O2 SYSTEM:

The manufacturer shall transfer and retest the vehicle's existing O2 system.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

SPECIAL INSTRUCTION, OXYGEN & SUCTION:

Set Oxygen alarm level to 30 PSI

LETTERING:

Lettering information is noted in detail below:

LETTERING DESIGN:

This specification calls for lettering to be supplied and installed by the local dealer to match existing Tewksbury ambulances.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

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DEALER PREP. AND DEALER DELIVERY

A representative of the selling distributor shall inspect the vehicle prior to acceptance from the manufacturer and shall drive the completed unit back to the dealership for final prep and delivery to the end user.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

END OF BID DOCUMENTATION