

Solicitation 584-10035
AMBULANCES



City of Fort Lauderdale

Bid 584-10035 AMBULANCES

Bid Number 584-10035
Bid Title AMBULANCES

Bid Start Date May 21, 2008 11:17:36 AM EDT
Bid End Date Jun 12, 2008 2:00:00 PM EDT
Question &
Answer End Date May 30, 2008 2:00:00 PM EDT

Bid Contact AnnDebra Diaz
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Procurement
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Description

The City of Fort Lauderdale, Florida (City) is seeking proposals from qualified firms, hereinafter referred to as the Proposer, to provide Ambulances for the City's Fleet Department on behalf of the Fire/Rescue Department, in accordance with the terms, conditions, and specifications contained in this RFP, offering the latest model of new equipment as listed herein. It is the intent of these specifications to provide the City with units ready to be put into service, ready for operations, and capable of meeting all of the requirements of the City. Model bid and delivered shall be new and the latest current production model; not a discontinued model, demonstrator, or prototype, unless otherwise stated in the proposal specifications.

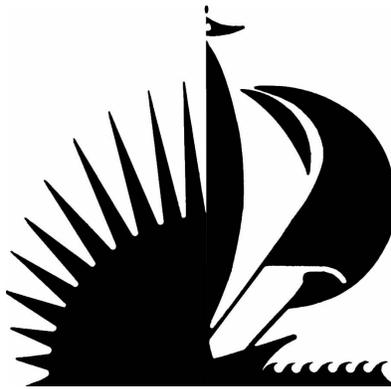
IMPORTANT - FOR BID TO BE CONSIDERED: Each proposal shall be accompanied by an RFP surety in the form of Cashiers Check or Surety Bond payable to the City of Fort Lauderdale, and shall be in the amount equal to 5% (FIVE PERCENT) of the amount of the annual Performance Bond. The City reserves the right to reject any and all security tendered to the City. RFP security will be returned to unsuccessful bidders upon execution of a contract with the successful bidder.

Request for Proposal

584-10035

AMBULANCES

Opens: June 12, 2008
2:00 p.m.



City of Fort Lauderdale

***Issued for Fleet Services Department
by the Procurement Services Department***

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PART I - INTRODUCTION/INFORMATION

01. PURPOSE

The City of Fort Lauderdale, Florida (City) is seeking proposals from qualified firms, hereinafter referred to as the Proposer, to provide Ambulances for the City's Fleet Department on behalf of the Fire/Rescue Department, in accordance with the terms, conditions, and specifications contained in this RFP, offering the latest model of new equipment as listed herein. It is the intent of these specifications to provide the City with units ready to be put into service, ready for operations, and capable of meeting all of the requirements of the City. Model bid and delivered shall be new and the latest current production model; not a discontinued model, demonstrator, or prototype, unless otherwise stated in the proposal specifications.

Items are anticipated to be purchased over a two-year period, until September 2009. The department anticipates purchasing six ambulances this fiscal year and four more next fiscal year.

Purchases are planned as follows; 6 ea in FY 07-08, 4 ea in FY08-09

The City's fiscal year (FY) is from October 1st to September 31st. All planned purchases beyond September 30, 2008 are contingent upon City Commission approval. The obligations of the City under this award are subject to the availability of funds lawfully appropriated and budgeted for this project.

02. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this RFP, technical specifications, etc., utilize the question / answer feature provided by RFP Depot. Such contact shall be for clarification purposes only. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum (See addendum section of RFP Depot Site). No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a proposal will be considered evidence that the proposer has familiarized himself with the nature and extent of the work, and the equipment, materials, and labor required.

03. ELIGIBILITY

To be eligible to respond to this RFP, the proposing firm must demonstrate that they, or the principals assigned to the project, have successfully completed services, similar to those specified in the Scope of Services section of this RFP, to at least one entity similar in size and complexity to the City of Fort Lauderdale.

Vendor must have established a permanency in the industry for a minimum of five (5) years and shall include in the proposal a list of seven (7) vehicles of similar (or greater) size and complexity built in the last year or twenty in the last four years.

The intent of this specification is to ensure as much single source responsibility as possible for equipment proposed.

The manufacturer of the equipment shall have in operation a factory adequate and devoted to the manufacture of the vehicle(s) herein specified. The vehicle shall be constructed, with the

exception of the chassis, by the Prime (second stage manufacturer) Contractor.

04. TRANSACTION FEES:

The City of Fort Lauderdale uses RFP Depot (www.rfpdepot.com) to distribute bids and proposals. There is no charge to vendors/contractors to register and participate in the solicitation process, nor will any fees be charged to the awarded vendor. Refer to www.rfpdepot.com for further information.

05. RFP SECURITY

Each proposal shall be accompanied by an RFP surety in the form of Cashiers Check or Surety Bond payable to the City of Fort Lauderdale, and shall be in the amount equal to 5% (FIVE PERCENT) of the amount of the annual Performance Bond. The City reserves the right to reject any and all security tendered to the City. RFP security will be returned to unsuccessful bidders upon execution of a contract with the successful bidder.

Failure of the successful bidder to execute a contract, file any required Performance Bond, and furnish evidence of appropriate insurance coverage, as provided herein, within ten (10) calendar days after written notice of award has been given, shall be just cause for the annulment of the award and the forfeiture of the RFP security to the City, which forfeiture shall be considered, not as a penalty, but as liquidation of damages sustained.

06. PERFORMANCE BOND/IRREVOCABLE LETTER OF CREDIT

Successful Contractor shall execute and deliver to the City of Fort Lauderdale, within ten (10) calendar days after notification of Award of Contract, a Cash Deposit or Performance Bond payable to the City, for the faithful performance of any agreement arising as a result of this solicitation. Said bond shall be in the form of a surety or a certified check. If a surety, the bond must be executed by a surety company of recognized standing, registered and authorized to do business in the State of Florida, Department of State Division of Corporations, and having a resident agent. The security shall be in the amount of 100% (ONE HUNDRED PERCENT) of the total unit price of TWO (2) apparatus proposed. Bond must be renewed each year of the contract. The form of the Payment and Performance Bond shall be subject to the approval of the City's Risk Manager.

Any Bonds issued shall be by a Company that is authorized to do business under the laws of this State, with the following qualifications as to their management and financial strength.

The Bonding Company shall have a general policyholders rating of not less than "A+9", and the amount of any required Bond shall not exceed five (5) percent of the reported policyholders surplus as reported in the latest edition of Best's Key Rating Guide, published by Alfred M. Best Company, Inc. The attorneys-in-fact, who sign the Bonds, must file with the Bonds, a Certified copy of their power of attorney to sign such Bonds.

07. CONSIDERATION FOR AWARD

Award will be based upon the information you submit and will include consideration to the reputation for product performance, reliability and service record of both proposing firm and specific product proposed.

The City reserves the right to award to that proposer who will best serve the interest of the City. The City also reserves the right to waive minor variations in the specifications and in the proposal process. The City further reserves the right to accept or reject any and/or all proposals and to award or not award a purchase order based on this proposal.

Before final proposal award is made, a demonstration may be requested to help determine

which machine best fits the City's needs. The City will determine where the demonstration site will be. The length of time, after proposal opening, for the proposer to give such a demonstration, will also be determined by the City.

08. INFORMATION/LITERATURE REQUIRED

If you are submitting proposals on a different unit than specified, you shall submit with your proposal complete specifications, appropriate brochures, descriptive literature, plus any applicable warranties to enable the City to ensure that the unit meets the criteria as an equal. The City will be the sole judge in determining if the unit proposal qualifies as an approved equal.

09. SAFETY CERTIFICATION

By signing this proposal, you are certifying that the equipment proposed provides current state-of-the-art safeguarding systems and conformance includes, but is not limited to, any and all Federal, State and Local safety/health standards and codes (i.e. OSHA, ANSI, NFPA, UL, etc...). Visual audio and written warnings shall be provided on said equipment. Written warnings shall comply with ANSI Z535.1-latest revision, accident prevention signs and labels. It shall be the responsibility of the manufacturer/supplier to furnish operation and maintenance instructions with machines/equipment purchased. These shall include instructions for Zero Mechanical State (ZMS). Specific operating and maintenance instructions shall be outlined in the operating and maintenance manuals. These instructions are to be written to aid the operators and maintenance personnel in the safe operation and maintenance of the equipment. Adequate instructions may consist of written, illustrated and audio-visual recorded material in conjunction with providing on-site training by a qualified manufacturer's representative.

10. EQUIPMENT

Units are to be delivered with a minimum of all standard equipment as listed in the manufacturer's catalog and ready for operation.

11. TRAINING

The successful proposer will be expected to provide proper training, whatever time is required, for the City personnel operating and maintaining the equipment to be purchased under these specifications. The instructor must be qualified to conduct this training. A follow-up session may be required.

12. MANUALS

Two (2) each of operator manuals will be required when a single unit is purchased. When two (2) or more identical units are purchased, one (1) for each operator plus one (1) single operator manual for the Fleet Division will be required.

Two (2) each sets of Shop and Parts manuals will be required when a single unit is purchased. When two (2) or more identical units are purchased, only two (2) of each Shop and Parts manuals will be required for the shop. It is highly desirable that the shop manuals be provided in a CD format or PDF file.

13.0 PROPOSER TO FURNISH FOR EACH UNIT (IF APPLICABLE)

- 13.1. Completed Title application (DHSMV Form 40), Certificate of Motor Vehicle Sales Tax Exemption (DR Form 41.A), Manufacturer's Certificate of Origin, Affidavit for Change of Body (DHSMV Form 100.4, if applicable), and a check payable to the Broward County Tax Collector in the amount of **\$53.85**. Show purchaser as:

City of Fort Lauderdale, Florida
Fleet Services
1350 W. Broward Blvd.
Fort Lauderdale, Florida 33312

- 13.2 Proposer's invoice showing invoice number, date of sale, VIN number, purchase order number, unit cost, cost of authorized options, discount (if any), and total amount due.

PART II - RFP SCHEDULE

Release RFP	05/21/08
Last Date for Receipt of Questions of a Material Nature	05/30/08
Addendum Release (If required)	06/04/08
PROPOSAL DUE (Prior to 2:00 PM)	06/12/08
Evaluation Committee Review and Short Listing of Proposals – if required (Estimated)	06/19/08
Oral Interviews with Finalists and Selection Of First Ranked Proposer – if required (Estimated)	06/26/08
City Commission Award of Contract (Estimated)	07/15/08

PART III
City of Fort Lauderdale
GENERAL CONDITIONS

These instructions are standard for all contracts for commodities or services issued through the City of Fort Lauderdale Procurement Services Department. The City may delete, supersede, or modify any of these standard instructions for a particular contract by indicating such change in the Invitation to Bid (ITB) Special Conditions, Technical Specifications, Instructions, Proposal Pages, Addenda, and Legal Advertisement.

PART I BIDDER PROPOSAL PAGE(S) CONDITIONS:

- 1.01 BIDDER ADDRESS:** The City uses automated vendor address lists that have been generated for each specific Commodity Class item through our bid issuing service, RFP Depot. Notices of Invitations to Bid (ITB'S) are sent by e-mail or fax to every vendor on those lists, who may then view the bid documents online. Bidders who have been informed of a bid's availability in any other manner are responsible for registering with RFP Depot in order to view the bid documents. There is no fee for doing so. If you wish bid notifications be provided to another e-mail address or fax, please contact RFP Depot. If you wish purchase orders sent to a different address, please so indicate in your bid response. If you wish payments sent to a different address, please so indicate on your invoice.
- 1.02 DELIVERY:** Time will be of the essence for any orders placed as a result of this ITB. The City reserves the right to cancel any orders, or part thereof, without obligation if delivery is not made in accordance with the schedule specified by the Bidder and accepted by the City.
- 1.03 PAYMENT TERMS AND CASH DISCOUNTS:** Payment terms, unless otherwise stated in this ITB, will be considered to be net 30 days after the date of satisfactory delivery at the place of acceptance and receipt of correct invoice at the office specified, whichever occurs last. Bidder may offer cash discounts for prompt payment but they will not be considered in determination of award. If a Bidder offers a discount, it is understood that the discount time will be computed from the date of satisfactory delivery, at the place of acceptance, and receipt of correct invoice, at the office specified, whichever occurs last.
- 1.04 TOTAL BID DISCOUNT:** If Bidder offers a discount for award of all items listed in the bid, such discount shall be deducted from the total of the firm net unit prices bid and shall be considered in tabulation and award of bid.
- 1.05 BIDS FIRM FOR ACCEPTANCE:** Bidder warrants, by virtue of bidding, that the bid and the prices quoted in the bid will be firm for acceptance by the City for a period of ninety (90) days from the date of bid opening unless otherwise stated in the ITB.
- 1.06 VARIANCES:** For purposes of bid evaluation, Bidder's must indicate any variances, no matter how slight, from ITB General Conditions, Special Conditions, Specifications or Addenda in the space provided in the ITB. No variations or exceptions by a Bidder will be considered or deemed a part of the bid submitted unless such variances or exceptions are listed in the bid and referenced in the space provided on the bidder proposal pages. If variances are not stated, or referenced as required, it will be assumed that the product or service fully complies with the City's terms, conditions, and specifications.
- By receiving a bid, City does not necessarily accept any variances contained in the bid. All variances submitted are subject to review and approval by the City. If any bid contains material variances that, in the City's sole opinion, make that bid conditional in nature, the City reserves the right to reject the bid or part of the bid that is declared, by the City as conditional.
- 1.07 NO BIDS:** If you do not intend to bid please indicate the reason, such as insufficient time to respond, do not offer product or service, unable to meet specifications, schedule would not permit, or any other reason, in the space provided in this ITB. Failure to bid or return no bid comments prior to the bid due and opening date and time, indicated in this ITB, may result in your firm being deleted from our Bidder's registration list for the Commodity Class Item requested in this ITB.
- 1.08 MINORITY AND WOMEN BUSINESS ENTERPRISE PARTICIPATION AND BUSINESS DEFINITIONS:** The City of Fort Lauderdale wants to increase the participation of Minority Business Enterprises (MBE), Women Business Enterprises (WBE), and Small Business Enterprises (SBE) in its procurement activities. If your firm qualifies in accordance with the below definitions please indicate in the space provided in this ITB.

Minority Business Enterprise (MBE) "A Minority Business" is a business enterprise that is owned or controlled by one or more socially or economically disadvantaged persons. Such disadvantage may arise from cultural, racial, chronic economic circumstances or background or other similar cause. Such persons include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

The term "Minority Business Enterprise" means a business at least 51 percent of which is owned by minority group members or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned by minority group members. For the purpose of the preceding sentence, minority group members are citizens of the United States who include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

Women Business Enterprise (WBE) a "Women Owned or Controlled Business" is a business enterprise at least 51 percent of which is owned by females or, in the case of a publicly owned business, at least 51 percent of the stock of which is owned by females.

Small Business Enterprise (SBE) "Small Business" means a corporation, partnership, sole proprietorship, or other legal entity formed for the purpose of making a profit, which is independently owned and operated, has either fewer than 100 employees or less than \$1,000,000 in annual gross receipts.

BLACK, which includes persons having origins in any of the Black racial groups of Africa.

WHITE, which includes persons whose origins are Anglo-Saxon and Europeans and persons of Indo-European decent including Pakistani and East Indian.

HISPANIC, which includes persons of Mexican, Puerto Rican, Cuban, Central and South American, or other Spanish culture or origin, regardless of race.

NATIVE AMERICAN, which includes persons whose origins are American Indians, Eskimos, Aleuts, or Native Hawaiians.

ASIAN AMERICAN, which includes persons having origin in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.

1.09 MINORITY-WOMEN BUSINESS ENTERPRISE PARTICIPATION

It is the desire of the City of Fort Lauderdale to increase the participation of minority (MBE) and women-owned (WBE) businesses in its contracting and procurement programs. While the City does not have any preference or set aside programs in place, it is committed to a policy of equitable participation for these firms. Proposers are requested to include in their proposals a narrative describing their past accomplishments and intended actions in this area. If proposers are considering minority or women owned enterprise participation in their proposal, those firms, and their specific duties have to be identified in the proposal. If a proposer is considered for award, he will be asked to meet with City staff so that the intended MBE/WBE participation can be formalized and included in the subsequent contract.

Part II DEFINITIONS/ORDER OF PRECEDENCE:

2.01 BIDDING DEFINITIONS The City will use the following definitions in it's general conditions, special conditions, technical specifications, instructions to bidders, addenda and any other document used in the bidding process:

INVITATION TO BID (ITB) when the City is requesting bids from qualified Bidders.

REQUEST FOR PROPOSALS (RFP) when the City is requesting proposals from qualified Proposers.

BID – a price and terms quote received in response to an ITB.

PROPOSAL – a proposal received in response to an RFP.

BIDDER – Person or firm submitting a Bid.

PROPOSER – Person or firm submitting a Proposal.

RESPONSIVE BIDDER – A person whose bid conforms in all material respects to the terms and conditions included in the ITB.

RESPONSIBLE BIDDER – A person who has the capability in all respects to perform in full the contract requirements, as stated in the ITB, and the integrity and reliability that will assure good faith performance.

FIRST RANKED PROPOSER – That Proposer, responding to a City RFP, whose Proposal is deemed by the City, the most advantageous to the City after applying the evaluation criteria contained in the RFP.

SELLER – Successful Bidder or Proposer who is awarded a Purchase Order or Contract to provide goods or services to the City.

CONTRACTOR – Successful Bidder or Proposer who is awarded a Purchase Order, award Contract, Blanket Purchase Order agreement, or Term Contract to provide goods or services to the City.

CONTRACT – A deliberate verbal or written agreement between two or more competent parties to perform or not to perform a certain act or acts, including all types of agreements, regardless of what they may be called, for the procurement or disposal of equipment, materials, supplies, services or construction.

CONSULTANT – Successful Bidder or Proposer who is awarded a contract to provide professional services to the City.

The following terms may be used interchangeably by the City: ITB and/or RFP; Bid or Proposal; Bidder, Proposer, or Seller; Contractor or Consultant; Contract, Award, Agreement or Purchase Order.

- 2.02 SPECIAL CONDITIONS:** Any and all Special Conditions contained in this ITB that may be in variance or conflict with these General Conditions shall have precedence over these General Conditions. If no changes or deletions to General Conditions are made in the Special Conditions, then the General Conditions shall prevail in their entirety,

PART III BIDDING AND AWARD PROCEDURES:

- 3.01 SUBMISSION AND RECEIPT OF BIDS:** To receive consideration, bids must be received prior to the bid opening date and time. Unless otherwise specified, Bidder's should use the proposal forms provided by the City. These forms may be duplicated, but failure to use the forms may cause the bid to be rejected. Any erasures or corrections on the bid must be made in ink and initialed by Bidder in ink. All information submitted by the Bidder shall be printed, typewritten or filled in with pen and ink. Bids shall be signed in ink. Separate bids must be submitted for each ITB issued by the City in separate sealed envelopes properly marked. When a particular ITB or RFP requires multiple copies of bids or proposals they may be included in a single envelope or package properly sealed and identified. Only send bids via facsimile transmission (FAX) if the ITB specifically states that bids sent via FAX will be considered. If such a statement is not included in the ITB, bids sent via FAX will be rejected. Bids will be publicly opened in the Procurement Office, or other designated area, in the presence of Bidders, the public, and City staff. Bidders and the public are invited and encouraged to attend bid openings. Bids will be tabulated and made available for review by Bidder's and the public in accordance with applicable regulations.
- 3.02 MODEL NUMBER CORRECTIONS:** If the model number for the make specified in this ITB is incorrect, or no longer available and replaced with an updated model with new specifications, the Bidder shall enter the correct model number on the bidder proposal page. In the case of an updated model with new specifications, Bidder shall provide adequate information to allow the City to determine if the model bid meets the City's requirements.
- 3.03 PRICES QUOTED:** Deduct trade discounts, and quote firm net prices. Give both unit price and extended total. In the case of a discrepancy in computing the amount of the bid, the unit price quoted will govern. All prices quoted shall be F.O.B. destination, freight prepaid (Bidder pays and bears freight charges, Bidder owns goods in transit and files any claims), unless otherwise stated in Special Conditions. Each item must be bid separately. No attempt shall be made to tie any item or items contained in the ITB with any other business with the City.
- 3.04 TAXES:** The City of Fort Lauderdale is exempt from Federal Excise and Florida Sales taxes on direct purchase of tangible property. Exemption **number for Federal Excise taxes is 59-74-0111K, and State Sales tax exemption number is 16-03-196479-54C.**
- 3.05 WARRANTIES OF USAGE:** Any quantities listed in this ITB as estimated or projected are provided for tabulation and information purposes only. No warranty or guarantee of quantities is given or implied. It is understood that the Contractor will furnish the City's needs as they arise.
- 3.06 APPROVED EQUAL:** When the technical specifications call for a brand name, manufacturer, make, model, or vendor catalog number with acceptance of APPROVED EQUAL, it shall be for the purpose of establishing a level of quality and features desired and acceptable to the City. In such cases, the City will be receptive to any unit that would be considered by qualified City personnel as an approved equal. In that the specified make and model represent a level of quality and features desired by the City, the Bidder must state clearly in the bid any variance from those specifications. It is the Bidder's responsibility to provide adequate information, in the bid, to enable the City to ensure that the bid meets the required criteria. If adequate information is not submitted with the bid, it may be rejected. The City will be the sole judge in determining if the item bid qualifies as an approved equal.
- 3.07 MINIMUM AND MANDATORY TECHNICAL SPECIFICATIONS:** The technical specifications may include items that are considered minimum, mandatory, or required. If any Bidder is unable to meet, or exceed these items, and feels that the technical specifications are overly restrictive, the bidder must notify the Procurement Services Department immediately. Such notification must be received by the Procurement Services Department prior to the deadline contained in the ITB, for questions of a material nature, or prior to five (5) days before bid due and open date, whichever occurs first. If no such notification is received prior to that deadline, the City will consider the technical specifications to be acceptable to all bidders.

- 3.08 MISTAKES:** Bidders are cautioned to examine all terms, conditions, specifications, drawings, exhibits, addenda, delivery instructions and special conditions pertaining to the ITB. Failure of the Bidder to examine all pertinent documents shall not entitle the bidder to any relief from the conditions imposed in the contract.
- 3.09 SAMPLES AND DEMONSTRATIONS:** Samples or inspection of product may be requested to determine suitability. Unless otherwise specified in Special Conditions, samples shall be requested after the date of bid opening, and if requested should be received by the City within seven (7) working days of request. Samples, when requested, must be furnished free of expense to the City and if not used in testing or destroyed, will upon request of the Bidder, be returned within thirty (30) days of bid award at Bidder's expense. When required, the City may request full demonstrations of units prior to award. When such demonstrations are requested, the Bidder shall respond promptly and arrange a demonstration at a convenient location. Failure to provide samples or demonstrations as specified by the City may result in rejection of a bid.
- 3.10 LIFE CYCLE COSTING:** If so specified in the ITB, the City may elect to evaluate equipment proposed on the basis of total cost of ownership. In using Life Cycle Costing, factors such as the following may be considered: estimated useful life, maintenance costs, cost of supplies, labor intensity, energy usage, environmental impact, and residual value. The City reserves the right to use those or other applicable criteria, in its sole opinion that will most accurately estimate total cost of use and ownership.
- 3.11 BIDDING ITEMS WITH RECYCLED CONTENT:** In addressing environmental concerns, the City of Fort Lauderdale encourages Bidders to submit bids or alternate bids containing items with recycled content. When submitting bids containing items with recycled content, Bidder shall provide documentation adequate for the City to verify the recycled content. The City prefers packaging consisting of materials that are degradable or able to be recycled. When specifically stated in the ITB, the City may give preference to bids containing items manufactured with recycled material or packaging that is able to be recycled.
- 3.12 USE OF OTHER GOVERNMENTAL CONTRACTS:** The City reserves the right to reject any part or all of any bids received and utilize other available governmental contracts, if such action is in its best interest.
- 3.13 QUALIFICATIONS/INSPECTION:** Bids will only be considered from firms normally engaged in providing the types of commodities/services specified herein. The City reserves the right to inspect the Bidder's facilities, equipment, personnel, and organization at any time, or to take any other action necessary to determine Bidder's ability to perform. The Procurement Director reserves the right to reject bids where evidence or evaluation is determined to indicate inability to perform.
- 3.14 BID SURETY:** If Special Conditions require a bid security, it shall be submitted in the amount stated. A bid security can be in the form of a bid bond, postal money order, cashiers check, or irrevocable letter of credit. Bid security will be returned to the unsuccessful bidders as soon as practicable after opening of bids. Bid security will be returned to the successful bidder after acceptance of the performance bond or irrevocable letter of credit, if required; acceptance of insurance coverage, if required; and full execution of contract documents, if required; and full execution of contract documents, if required; or conditions as stated in Special Conditions.
- 3.15 PUBLIC RECORDS:** Florida law provides that municipal records shall at all times be open for personal inspection by any person. Section 119.01, F.S., The Public Records Law. Information and materials received by City in connection with an ITB response shall be deemed to be public records subject to public inspection upon award, recommendation for award, or 10 days after bid opening, whichever occurs first. However, certain exemptions to the public records law are statutorily provided for in Section 119.07, F.S. If the Proposer believes any of the information contained in his or her response is exempt from the Public Records Law, then the Proposer, must in his or her response, specifically identify the material which is deemed to be exempt and cite the legal authority for the exemption. The City's determination of whether an exemption applies shall be final, and the Proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agents, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records.
- 3.16 PROHIBITION OF INTEREST:** No contract will be awarded to a bidding firm who has City elected officials, officers or employees affiliated with it, unless the bidding firm has fully complied with current Florida State Statutes and City Ordinances relating to this issue. Bidders must disclose any such affiliation. Failure to disclose any such affiliation will result in disqualification of the Bidder and removal of the Bidder from the City's bidder lists and prohibition from engaging in any business with the City.
- 3.17 RESERVATIONS FOR AWARD AND REJECTION OF BIDS:** The City reserves the right to accept or reject any or all bids, part of bids, and to waive minor irregularities or variations to specifications contained in bids, and minor

irregularities in the bidding process. The City also reserves the right to award the contract on a split order basis, lump sum basis, individual item basis, or such combination as shall best serve the interest of the City. The City reserves the right to make an award to the responsive and responsible bidder whose product or service meets the terms, conditions, and specifications of the ITB and whose bid is considered to best serve the City's interest. In determining the responsiveness of the offer and the responsibility of the Bidder, the following shall be considered when applicable: the ability, capacity and skill of the Bidder to perform as required; whether the Bidder can perform promptly, or within the time specified, without delay or interference; the character, integrity, reputation, judgment, experience and efficiency of the Bidder; the quality of past performance by the Bidder; the previous and existing compliance by the Bidder with related laws and ordinances; the sufficiency of the Bidder's financial resources; the availability, quality and adaptability of the Bidder's supplies or services to the required use; the ability of the Bidder to provide future maintenance, service or parts; the number and scope of conditions attached to the bid.

If the ITB provides for a contract trial period, the City reserves the right, in the event the selected bidder does not perform satisfactorily, to award a trial period to the next ranked bidder or to award a contract to the next ranked bidder, if that bidder has successfully provided services to the City in the past. This procedure to continue until a bidder is selected or the contract is re-bid, at the sole option of the City.

- 3.18 LEGAL REQUIREMENTS:** Applicable provisions of all federal, state, county laws, and local ordinances, rules and regulations, shall govern development, submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the City by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any bidder shall not constitute a cognizable defense against the legal effect thereof.

PART IV BONDS AND INSURANCE

- 4.01 PERFORMANCE BOND/IRREVOCABLE LETTER OF CREDIT:** If a performance bond or irrevocable letter of credit is required in Special Conditions, the Contractor shall within fifteen (15) working days after notification of award, furnish to the City a Performance Bond or an Unconditional Irrevocable Letter of Credit payable to the City of Fort Lauderdale, Florida, in the face amount specified in Special Conditions as surety for faithful performance under the terms and conditions of the contract. If the bond is on an annual coverage basis, renewal for each succeeding year shall be submitted to the City thirty (30) days prior to the termination date of the existing Performance Bond. The Performance Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida and having a resident agent. If a Letter of Credit is chosen, it must be in a form acceptable to the City, drawn on a local (Broward, Dade or Palm Beach Counties) bank acceptable to the City and issued in favor of the City of Fort Lauderdale, Florida. If a Bidder wishes to use a non-local bank, he must have prior City approval of the requirements to draw against the Letter of Credit.

Acknowledgement and agreement is given by both parties that the amount herein set for the Performance Bond or Irrevocable Letter of Credit is not intended to be nor shall be deemed to be in the nature of liquidated damages nor is it intended to limit the liability of the Contractor to the City in the event of a material breach of this Agreement by the Contractor.

- 4.02 INSURANCE:** If the Contractor is required to go on to City property to perform work or services as a result of ITB award, the Contractor shall assume full responsibility and expense to obtain all necessary insurance as required by City or specified in Special Conditions.

The Contractor shall provide to the Procurement Services Department original certificates of coverage and receive notification of approval of those certificates by the City's Risk Manager prior to engaging in any activities under this contract. The Contractor's insurance is subject to the approval of the City's Risk Manager. The certificates must list the City as an ADDITIONAL INSURED and shall have no less than thirty (30) days written notice of cancellation or material change. Further modification of the insurance requirements may be made at the sole discretion of the City's Risk Manager if circumstances change or adequate protection of the City is not presented. Bidder, by submitting the bid, agrees to abide by such modifications.

PART V PURCHASE ORDER AND CONTRACT TERMS:

- 5.01 COMPLIANCE TO SPECIFICATIONS, LATE DELIVERIES/PENALTIES:** Items offered may be tested for compliance to bid specifications. Items delivered which do not conform to bid specifications may be rejected and returned at Contractor's expense. Any violation resulting in contract termination for cause or delivery of items not conforming to specifications, or late delivery may also result in:

- Bidder's name being removed from the City's bidder's mailing list for a specified period and Bidder will not be recommended for any award during that period.
- All City Departments being advised to refrain from doing business with the Bidder.
- All other remedies in law or equity.

- 5.02 ACCEPTANCE, CONDITION, AND PACKAGING:** The material delivered in response to ITB award shall remain the property of the Seller until a physical inspection is made and the material accepted to the satisfaction of the City. The material must comply fully with the terms of the ITB, be of the required quality, new, and the latest model. All containers shall be suitable for storage and shipment by common carrier, and all prices shall include standard commercial packaging. The City will not accept substitutes of any kind. Any substitutes or material not meeting specifications will be returned at the Bidder's expense. Payment will be made only after City receipt and acceptance of materials or services.
- 5.03 SAFETY STANDARDS:** All manufactured items and fabricated assemblies shall comply with applicable requirements of the Occupation Safety and Health Act of 1970 as amended, and be in compliance with Chapter 442, Florida Statutes. Any toxic substance listed in Section 38F-41.03 of the Florida Administrative Code delivered as a result of this order must be accompanied by a completed Material Safety Data Sheet (MSDS).
- 5.04 ASBESTOS STATEMENT:** All material supplied must be 100% asbestos free. Bidder, by virtue of bidding, certifies that if awarded any portion of the ITB the bidder will supply only material or equipment that is 100% asbestos free.
- 5.05 OTHER GOVERNMENTAL ENTITIES:** If the Bidder is awarded a contract as a result of this ITB, the bidder will, if the bidder has sufficient capacity or quantities available, provide to other governmental agencies, so requesting, the products or services awarded in accordance with the terms and conditions of the ITB and resulting contract. Prices shall be F.O.B. delivered to the requesting agency.
- 5.06 VERBAL INSTRUCTIONS PROCEDURE:** No negotiations, decisions, or actions shall be initiated or executed by the Contractor as a result of any discussions with any City employee. Only those communications which are in writing from an authorized City representative may be considered. Only written communications from Contractors, which are assigned by a person designated as authorized to bind the Contractor, will be recognized by the City as duly authorized expressions on behalf of Contractors.
- 5.07 INDEPENDENT CONTRACTOR:** The Contractor is an independent contractor under this Agreement. Personal services provided by the Proposer shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the City. Personnel policies, tax responsibilities, social security, health insurance, employee benefits, procurement policies unless otherwise stated in this ITB, and other similar administrative procedures applicable to services rendered under this contract shall be those of the Contractor.
- 5.08 INDEMNITY/HOLD HARMLESS AGREEMENT:** The Contractor agrees to protect, defend, indemnify, and hold harmless the City of Fort Lauderdale and its officers, employees and agents from and against any and all losses, penalties, damages, settlements, claims, costs, charges for other expenses, or liabilities of every and any kind including attorneys fees, in connection with or arising directly or indirectly out of the work agreed to or performed by Contractor under the terms of any agreement that may arise due to the bidding process. Without limiting the foregoing, any and all such claims, suits, or other actions relating to personal injury, death, damage to property, defects in materials or workmanship, actual or alleged violations of any applicable Statute, ordinance, administrative order, rule or regulation, or decree of any court shall be included in the indemnity hereunder.
- 5.09 TERMINATION FOR CAUSE:** If, through any cause, the Contractor shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if the Contractor shall violate any of the provisions of this Agreement, the City may upon written notice to the Contractor terminate the right of the Contractor to proceed under this Agreement, or with such part or parts of the Agreement as to which there has been default, and may hold the Contractor liable for any damages caused to the City by reason of such default and termination. In the event of such termination, any completed services performed by the Contractor under this Agreement shall, at the option of the City, become the City's property and the Contractor shall be entitled to receive equitable compensation for any work completed to the satisfaction of the City. The Contractor, however, shall not be relieved of liability to the City for damages sustained by the City by reason of any breach of the Agreement by the Contractor, and the City may withhold any payments to the Contractor for the purpose of setoff until such time as the amount of damages due to the City from the Contractor can be determined.

- 5.10 TERMINATION FOR CONVENIENCE:** The City reserves the right, in its best interest as determined by the City, to cancel contract by giving written notice to the Contractor thirty (30) days prior to the effective date of such cancellation.
- 5.11 CANCELLATION FOR UNAPPROPRIATED FUNDS:** The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.
- 5.12 RECORDS/AUDIT:** The Contractor shall maintain during the term of the contract all books of account, reports and records in accordance with generally accepted accounting practices and standards for records directly related to this contract. The form of all records and reports shall be subject to the approval of the City's Internal Auditor. The Contractor agrees to make available to the City's Internal Auditor, during normal business hours and in Broward, Dade or Palm Beach Counties, all books of account, reports and records relating to this contract for the duration of the contract and retain them for a minimum period of three (3) years beyond the last day of the contract term.
- 5.13 PERMITS, TAXES, LICENSES:** The successful Contractor shall, at their own expense, obtain all necessary permits, pay all licenses, fees and taxes, required to comply with all local ordinances, state and federal laws, rules and regulations applicable to business to be carried out under this contract.
- 5.14 LAWS/ORDINANCES:** The Contractor shall observe and comply with all Federal, state, local and municipal laws, ordinances rules and regulations that would apply to this contract.
- 5.15 NON-DISCRIMINATION:** There shall be no discrimination as to race, sex, color, creed, age or national origin in the operations conducted under this contract.
- 5.16 UNUSUAL CIRCUMSTANCES:** If during a contract term where costs to the City are to remain firm or adjustments are restricted by a percentage or CPI cap, unusual circumstances that could not have been foreseen by either party of the contract occur, and those circumstances significantly affect the Contractor's cost in providing the required prior items or services, then the Contractor may request adjustments to the costs to the City to reflect the changed circumstances. The circumstances must be beyond the control of the Contractor, and the requested adjustments must be fully documented. The City may, after examination, refuse to accept the adjusted costs if they are not properly documented, increases are considered to be excessive, or decreases are considered to be insufficient. In the event the City does not wish to accept the adjusted costs and the matter cannot be resolved to the satisfaction of the City, the City will reserve the following options:
1. The contract can be canceled by the City upon giving thirty (30) days written notice to the Contractor with no penalty to the City or Contractor. The Contractor shall fill all City requirements submitted to the Contractor until the termination date contained in the notice.
 2. The City requires the Contractor to continue to provide the items and services at the firm fixed (non-adjusted) cost until the termination of the contract term then in effect.
 3. If the City, in its interest and in its sole opinion, determines that the Contractor in a capricious manner attempted to use this section of the contract to relieve themselves of a legitimate obligation under the contract, and no unusual circumstances had occurred, the City reserves the right to take any and all action under law or equity. Such action shall include, but not be limited to, declaring the Contractor in default and disqualifying him for receiving any business from the City for a state period of time.
- If the City does agree to adjusted costs, these adjusted costs shall not be invoiced to the City until the Contractor receives notice in writing signed by a person authorized to bind the City in such matters.
- 5.17 ELIGIBILITY:** If applicable, the Contractor must first register with the Department of State of the State of Florida, in accordance with Florida State Statutes, prior to entering into a contract with the City.
- 5.18 PATENTS AND ROYALTIES:** The Contractor, without exception, shall indemnify and save harmless the City and its employees from liability of any nature and kind, including cost and expenses for or on account of any copyrighted, patented or un-patented invention, process, or article manufactured or used in the performance of the contract, including its use by the City. If the Contractor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.

- 5.19 ASSIGNMENT:** Contractor shall not transfer or assign the performance required by this ITB without the prior written consent of the City. Any award issued pursuant to this ITB, and the monies, which may become due hereunder, are not assignable except with the prior written approval of the City Manager or selected designee.
- 5.20 LITIGATION VENUE:** The parties waive the privilege of venue and agree that all litigation between them in the state courts shall take place in Broward County, Florida and that all litigation between them in the federal courts shall take place in the Southern District in and for the State of Florida.

PART IV - SPECIAL CONDITIONS

01. GENERAL CONDITIONS

RFP General Conditions Form G-107 Rev. 07/07 (GC) are included and made a part of this RFP.

02. VARIANCES

Proposer **must** state in detail any variances or exceptions to specifications, terms, and conditions in the space provided on signature of this proposal form. If variances or exceptions are noted elsewhere and/or attached, then you **must** make reference to that fact in the space provided on this proposal form. **Failure to do so could result in the rejection of your proposal.**

03. NEWS RELEASES/PUBLICITY

News releases, publicity releases, or advertisements relating to this contract or the tasks or projects associated with the project shall not be made without prior City approval.

04. RFP DOCUMENTS

The Contractor shall examine this RFP carefully. Ignorance of the requirements will not relieve the Contractor from liability and obligations under the Contract.

05. PROPOSERS' COSTS

The City shall not be liable for any costs incurred by proposers in responding to this RFP.

06. RULES AND PROPOSALS

The signer of the proposal must declare that the only person(s), company or parties interested in the proposal as principals are named therein; that the proposal is made without collusion with any other person(s), company or parties submitting a proposal; that it is in all respects fair and in good faith, without collusion or fraud; and that the signer of the proposal has full authority to bind the principal proposer.

07. APPROVED EQUAL OR ALTERNATE PRODUCT PROPOSALS

The Technical Specifications contained in this RFP are to be used as a reference only and are not to be considered of a proprietary nature. These specifications represent a level of quality and features that are desired by the City of Fort Lauderdale. The City is receptive to any product that would be considered by qualified City personnel as an approved equal.

The proposer must state clearly in his proposal pages any variance to the specifications. If proposing an approved equal or alternate product, it will be the proposer's responsibility to provide adequate information in his proposal to enable the City to ensure that the proposal meets the required criteria. **It is required that complete descriptive technical literature on the item being proposed, be submitted with the proposal.** Such literature shall be in sufficient detail to indicate conformance with the specifications of the make(s) and model(s) specified in the proposal. If adequate information is not submitted with the proposal, the proposal may be rejected. The City of Fort Lauderdale will be the sole judge in determining if the product proposed qualifies as approved equal. The City reserves the right to award to that proposal which will best serve the interest of the City as determined by the City. The City further reserves the right to waive minor variations to specifications and in the evaluation process.

Any exceptions to these specifications must be itemized. They shall be referenced by

paragraph number on additional page(s). Details concerning the exceptions or “clarifications” must be clearly explained. Each exception will be considered by the Purchaser as to the degree of impact and total effect on their proposal. If specification sheets are referenced, they shall be included as a part of the Proposal.

08. CONTRACT PERIOD

The initial contract term shall commence upon date of award by the City and shall expire one year from that date. The City reserves the right to extend the contract for one additional one (1) year term providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon the request of the Purchasing Manager. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate in effect when this extension clause is invoked by the City.

09. DELIVERY

Price quoted shall include delivery - the unit will **not** be shipped with the City of Fort Lauderdale as consignee - the City will **not** be responsible for the equipment until fully delivered and accepted after complete test, inspection, and field service check/break-in period, including any training required. Your stated delivery time **must be realistic**. Title will pass to the City upon acceptance of the unit.

10. PRICING

Firm Price: The City of Fort Lauderdale will not accept any proposal that does not guarantee a firm price until completion of order.

11. INVOICES/PAYMENT

Full payment will be made as each unit is received, inspected and found to comply with procurement specifications, free of damage and properly invoiced. All invoices shall bear the purchase order number.

12. COST ADJUSTMENTS

Prices quoted shall be firm for the initial contract term (one year). Costs for subsequent years shall be subject to an adjustment only if increases occur in the industry, but unless very unusual and significant changes have occurred in the industry, such increases shall not exceed 3% per year or, whichever is less, the latest yearly percentage (%) increase or decrease calculated using the U.S. Department of Labor, Bureau of Labor Statistic's Producer Price Index (PPI) under Category Series WPU141106 for Truck, over 10,000 LBS.GVW. The yearly increase, or decrease in the PPI shall be that latest Index published and available ninety (90) days prior to the end of the contract year then in effect compared to the index for the comparable month one year prior. Any requested cost increase shall be fully documented and submitted to the City at least ninety (90) days prior to the contract anniversary date. Any approved cost adjustments shall become effective upon the anniversary date of the contract. In the event the PPI or industry costs decline, the City shall have the right to receive, from the Contractor, a reasonable reduction in costs that reflect such cost changes in the industry.

The City may, after examination, refuse to accept the adjusted costs if they are not properly documented, increases are considered to be excessive, or decreases are considered to be insufficient. In the event the City does not wish to accept the adjusted costs and the matter

cannot be resolved to the satisfaction of the City, the contract can be cancelled by the City upon giving thirty (30) days written notice to the Contractor.

13. NO EXCLUSIVE CONTRACT/ADDITIONAL SERVICES

Contractor agrees and understands that the contract shall not be construed as an exclusive arrangement and further agrees that the City may, at any time, secure similar or identical services at its sole option.

While this contract is for services provided to the City's Fleet Services Department, the City may require similar work for other City departments. Contractor agrees to take on such work unless such work would not be considered reasonable or become an undue burden to the Contractor.

14. DELETION OR MODIFICATION OF SERVICES

The City reserves the right to delete any portion of this Contract at any time without cause, and if such right is exercised by the City, the total fee shall be reduced in the same ratio as the estimated cost of the work deleted bears to the estimated cost of the work originally planned. If work has already been accomplished on the portion of the Contract to be deleted, the Contractor shall be paid for the deleted portion on the basis of the estimated percentage of completion of such portion.

If the Contractor and the City agree on modifications or revisions to the task elements, after the City has approved work to begin on a particular task or project, and a budget has been established for that task or project, the Contractor will submit a revised budget to the City for approval prior to proceeding with the work.

15. ADDITIONAL ITEMS

The City may require additional items of a similar nature, but not specifically listed in the contract. The Contractor agrees to provide such items, and shall provide the City prices on such additional items based upon a formula or method which is the same or similar to that used in establishing the prices in this proposal. If the price(s) offered are not acceptable to the City, and the situation cannot be resolved to the satisfaction of the City, the City reserves the right to procure those items from other vendors, or to cancel the contract upon giving the Contractor thirty (30) days written notice.

16. WARRANTIES OF USAGE

Any estimated quantities listed are for information and tabulation purposes only. No warranty or guarantee of quantities needed is given or implied. It is understood that the Contractor will furnish the City's needs as they arise.

17. INDEPENDENT CONTRACTOR

The Contractor is an independent contractor under this Agreement. Personal services provided by the Contractor shall be by employees of the Contractor and subject to supervision by the Contractor, and not as officers, employees, or agents of the City. Personal policies, tax responsibilities, social security, health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this Contract shall be those of the Contractor.

18. INSURANCE

The contractor shall furnish proof of Worker's Compensation Insurance, General Liability Insurance and Comprehensive Automobile Liability Insurance. The coverage is to remain in force at all times during the contract period. The following minimum insurance coverage is

required. The City is to be added as an “additional insured” with relation to General Liability and Automobile Insurance. Any costs for adding the City as “additional insured” will be at the contractor’s expense.

Worker’s Compensation and Employer’s Liability Insurance

Limits: Worker’s Compensation – Statutory 440.055
Employer’s Liability - \$500,000

Any firm performing work on behalf of the City of Fort Lauderdale must provide Worker’s Compensation insurance. Exceptions and exemptions can only be made if they are in accordance with Florida Statute. For additional information contact the Department of Financial Services, Worker’s Compensation Division at (850) 413-1601 or on the web at www.fldfs.com.

Commercial General Liability Insurance

Covering premises-operations, products-completed operations, independent contractors and contractual liability.

Limits: Combined single limit bodily injury/property damage \$1,000,000.

This coverage must include:

- a. Coverage for the liability assumed by the contractor under the indemnity provision of the contract.
- b. Coverage for hazards commonly referred to as “explosion, collapse and underground”, exclusions – on contract contracts only.

Automobile Liability Insurance

Covering all owned, hired and non-owned automobile equipment.

Limits: Bodily injury	\$250,000 each person
	\$500,000 each occurrence
Property damage	\$100,000 each occurrence

A copy of **ANY** current Certificate of Insurance should be included with your proposal.

In the event that you are the successful bidder, you will be required to provide a certificate naming the City as an “additional insured” for both General Liability and Automobile.

Certificate holder should be addressed as follows:

City of Fort Lauderdale
Procurement and Materials Management
100 N. Andrews Avenue, Room 619
Ft. Lauderdale, FL 33301

19. UNCONTROLLABLE CIRCUMSTANCES ("Force Majeure")

The City and Contractor will be excused from the performance of their respective obligations under this agreement when and to the extent that their performance is delayed or prevented by any circumstances beyond their control including, fire, flood, explosion, strikes or other labor disputes, act of God or public emergency, war, riot, civil commotion, malicious damage, act or omission of any governmental authority, delay or failure or shortage of any type of transportation, equipment, or service from a public utility needed for their performance, provided that:

A. the non performing party gives the other party prompt written notice describing the particulars of the Force Majeure including, but not limited to, the nature of the occurrence and its expected duration, and continues to furnish timely reports with respect thereto during the period of the Force Majeure;

B. the excuse of performance is of no greater scope and of no longer duration than is required by the Force Majeure;

C. no obligations of either party that arose before the Force Majeure causing the excuse of performance are excused as a result of the Force Majeure; and

D. the non performing party uses its best efforts to remedy its inability to perform.

Notwithstanding the above, performance shall not be excused under this Section for a period in excess of two (2) months, provided that in extenuating circumstances, the City may excuse performance for a longer term. Economic hardship of the Contractor will not constitute Force Majeure. The term of the agreement shall be extended by a period equal to that during which either party's performance is suspended under this Section.

20. PENALTIES FOR NON-PERFORMANCE

If the contractor delivers a vehicle with equipment or manufactured that is of a lesser quality than specified by the contractor in his proposal, the City will deny the acceptance of that vehicle. The City will make every effort to allow the contractor to immediately remedy any deficiencies. If the City is required to put a vehicle into service with deficiencies, the City will deduct from the purchase price the City's estimated cost to bring the vehicle up to standard as proposed. When remedies of the deficiencies can be scheduled at a later date, the City will make every effort to allow the contractor to complete the remedies and receive payment. However, the need of the vehicle will prevail and the extent of the deficiencies will be a consideration. Therefore, the City reserves the right to have a different Contractor complete the remedies if it deems necessary. Contractor shall provide to the City, at no cost to the City, replacement vehicles similar to those proposed and accepted by the City during the time the deficiencies are being corrected.

21. AUDIT

The City reserves the right for its internal auditor or appropriate representative to review ONLY those records pertaining to any contract awarded as a result of these documents and determine if the terms, conditions and specifications of the contract are being followed and if prices charged comply with the contract.

22. PUBLIC ENTITY CRIMES

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a

public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

23. LOBBYING ACTIVITIES

ALL BIDDERS/PROPOSERS PLEASE NOTE: Any bidder or proposer submitting a response to this solicitation must comply, if applicable, with City of Fort Lauderdale Ordinance No. C-00-27, Lobbying Activities. Copies of Ordinance No. C-00-27 may be obtained from the City Clerk's Office on the 7th Floor of City Hall, 100 N. Andrews Avenue, Fort Lauderdale, Florida.

The ordinance may also be viewed on the City's website at <http://www.fortlauderdale.gov/documents/lobbyistDocs/lobbyistord1009.pdf> .

24. INDEMNITY/HOLD HARMLESS

The Contractor agrees to protect, defend, indemnify and hold harmless the City of Fort Lauderdale and its officers, employees and agents from and against any and all losses, penalties, damages, settlements, claims, costs, charges for other expenses, or liabilities of every and any kind including attorney fees, in connection with or arising directly or indirectly out of the work agreed to or performed by Contractor under the terms of any agreement that may arise due to this bidding process. Without limiting the foregoing, any and all such claims, suits, or other defects in materials or workmanship, actual or alleged violations of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder.

25. TAXES AND PERMITS

The State, any county, municipality or political subdivision of this State is exempt from the sales tax, except this exemption shall not include sales of tangible personal property made to contractors employed either directly or as agents of any such government or political subdivision thereof when such tangible personal property goes into or becomes a part of public works owned by such government or political subdivision thereof. The proposer shall take these factors into consideration in preparing his proposal, including therein the cost of the State and Use Tax on materials, but excluding the cost of those taxes and permits not applicable.

26. BID TABULATIONS/INTENT TO AWARD

(Notice of Intent to Award Contract/Bid, resulting from the City's Formal solicitation process, requiring City Commission action, may be found at http://www.fortlauderdale.gov/purchasing/notices_of_intent.htm. Tabulations of receipt of those parties responding to a formal solicitation may be found at <http://www.fortlauderdale.gov/purchasing/bidresults.htm>, or any interested party may call the Procurement Office at 954-828-5933.

PART V - SCOPE OF SERVICES

01. GENERAL INFORMATION

The City of Fort Lauderdale is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to provide Ambulances for the City's Fleet Department on behalf of the Fire/Rescue Department, in accordance with the terms, conditions, and specifications contained in this RFP offering the latest model of new equipment as listed herein. It is the intent of these specifications to provide the City with unit or units ready to be put into service, ready for operations, and capable of meeting all of the requirements of the City. The City anticipates purchasing a total of ten ambulances throughout the term of this contract, six ambulances this year and four more next year.

02. SCOPE

This specification covers a new commercially produced surface emergency medical care vehicle, herein after referred to as the ambulance or vehicle. A vehicle in compliance with this specification shall be defined as a standard ambulance. This vehicle shall be in accord with the requirements of the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation Washington, D.C. This bid specification is based on Federal Ambulance Specification KKK-A-1822, latest revision. In addition, the ambulance shall meet the herein referenced requirements of the National Fire Protection Association's pamphlet 1901, latest revision, governing the design and safety of fire apparatus. Each time KKK-A-1822 and NFPA pamphlet 1901 is referenced in this specification, it will be understood that the reference is to the latest revision of these specifications. It will be the bidder's responsibility to determine the latest revision at the time of the bid. Reference numbers used in this specification refer to the applicable paragraphs of either NFPA pamphlet 1901, or Federal Specification KKK-A-1822.

03. PURPOSE

The purpose of this document is to provide minimum specifications and test parameters for the manufacture of an emergency medical care vehicle that meets the needs and desires of this City. 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.

04. CLASSIFICATION

This specification calls for the following type of emergency medical care vehicle.

Type I – Crew Cab-Chassis with modular ambulance body.

Class 1 - Two rear wheel driven (4x2).

Does your proposal comply with this requirement?

YES () NO ()

05. GENERAL

5.1 This is an engineer, design, construct, and deliver type specification and it is not the intention of the City to limit vendors or manufacturers of similar or equal equipment of the types specified. It should be noted however that this specification is written around specific needs of this department. Because of this fact, price will not be the only

consideration in making an award. Award considerations shall be given to the vendor whose proposal comes closest to meeting these specifications.

- 5.2. Site of Work. The vehicles and specified equipment shall be delivered to the City of Fort Lauderdale's Central Garage, 220 S.W. 14TH Avenue, Fort Lauderdale, Florida 33312, and accepted on a one-by-one basis.
- 5.3. Examination of Specification. Each proposer is required before submitting a proposal, to be thoroughly familiar with the requirements contained herein. No additional allowances will be made because of a lack of knowledge of these requirements. It is the responsibility of the successful Proposer to ascertain if any components of this specification are unsafe or do not meet the required standards of applicable state law or those of NFPA 1901, or Federal Specification KKK-A-1822. Should there be any unsafe or poorly designed criteria contained herein, the proposer shall thoroughly explain them to the Purchaser in the Proposal.
- 5.4. Technical Information/Exceptions. Proposers must furnish all information requested in the spaces provided in this specification. Proposers shall provide all necessary information requested by these specifications. Spaces will be marked to indicate whether or not the Proposer complies with that paragraph. The Proposer, when listing exceptions or "clarifications", shall reference these specifications by the proper paragraph number.
NOTE: Proposals failing to meet the requirements of this paragraph may not be considered.
- 5.5. NOTE: Proposers are reminded that these specifications call for vehicles and equipment that meet the specific needs of the City. Price alone is not the primary factor in a proposal award. With that in mind Proposers are encouraged not to take exceptions to this specification but to engineer their product to meet the requirements of the City.
- 5.6. When submitting their Proposal, Proposers must return all pages of these specifications as part of the Proposal as it will be included in the contract between the Contractor and the Purchaser. Caution should be taken by the Proposer to answer all questions in the spaces provided and all information requested is submitted.

06. DEFINITIONS

The following definitions shall apply with regards to these specifications:

Purchaser: The City of Fort Lauderdale (The City).

Contractor: The individual, firm, partnership, manufacturer or corporation to whom the contract may be awarded by the Purchaser and who is subject to the terms thereof. For proposal purposes the Contractor, Vendor, and Proposer are synonymous.

Equal: Shall be taken in its general sense and shall not mean identical. These specifications are for the sole purpose of establishing minimum requirements for the level of quality, standards of performance and design and is in no way intended to prohibit the submittal of any manufacturer's item of equal material.

NOTE: The Purchaser shall be the sole judge of equality and this decision shall be final.

Manufacturer: The "first stage" manufacturer is the original equipment manufacturer

(O.E.M.) that builds the specified chassis and its components. The “second stage” manufacturer is the company that does the modifications and additions to the O.E.M. chassis. This “second stage” manufacturer also delivers the final product to this City.

07. PRIMARY CONCERNS

- 7.1. The City seeks the highest level of safety, quality assurance and liability protection. To insure that these desires are met the herein referenced portions of NFPA pamphlet 1901, and Federal Specification KKK-A-1822 shall be considered as the minimum acceptable guidelines. These standards shall be applicable regardless of the “first stage” chassis manufacturer specified herein.

NOTE: In performing the evaluation, information contained within the Proposer's written proposal will be considered.

- 7.2. The Purchaser reserves the right, before awarding this contract, to require a Proposer to submit evidence of the “second stage” vehicle manufacturer's qualifications as it may deem necessary, and may consider any evidence available to it of the financial, technical, or other qualifications and abilities of said manufacturer, including past performance on contracts of this type with other agencies. The Purchaser shall be the final authority in the award of this proposal.
- 7.3. Materials and Workmanship. All equipment furnished shall be guaranteed to be new and of current manufacture, meet all requirements of this specification, and be in an operable condition at the time of delivery.
- 7.4. All parts shall be of high quality workmanship, shall be in production at the time of proposal, and no part or attachment shall be substituted or applied contrary to the manufacturer's recommendations and/or standard practices.
- 7.5. All workmanship shall be of quality and performed in a professional manner so as to insure a safe and functional apparatus with an aesthetic appearance.
- 7.6. Familiarity with Laws. The Proposer is presumed to be familiar with and conform to all federal, state, and local laws, ordinances, code rules, and regulations that may in any way affect this contract. Ignorance on the part of the Proposer shall in no way relieve him from responsibility.
- 7.7. Performance Test and Requirements. The vehicle(s) shall, at the time of delivery, conform to the minimum requirements of the latest standards covering vehicles of this type. This shall include federal, state, and local requirements.
- 7.8. All vehicles delivered under this Contract shall conform to all Federal Motor Vehicle Standards in effect at the time of delivery.

Does your proposal comply with all requirements of this PRIMARY CONCERNS section?

YES () NO ()

08. SUB-CONTRACTS

The City is extremely concerned with purchasing the ambulance(s) from a manufacturer who can provide the necessary parts, service and warranty after the sale. With this in mind, the vehicle shall be constructed, with the exception of the chassis, by the Prime (second stage

manufacturer) Contractor.

This requirement applies to all major components of the vehicle. Major components would include items such as: the modular ambulance body, interior cabinets, electrical wiring harnesses, paint, and other related items.

This no sub-contractor clause will apply to any type of sub-contract, lease, rental or any other similar arrangement. The Proposer may be required by the City to prove compliance with this requirement. The Purchaser will not accept any warranties mentioned above from a fragmented source. The Second Stage manufacturer must bear total responsibility for warranties mentioned above.

Does your proposal comply with this requirement?

YES () NO ()

09. PRE-CONSTRUCTION CONFERENCE

The successful Contractor shall be required, prior to manufacturing the vehicle(s), to have a Pre-Construction Conference at a mutually agreed upon site with representatives of the City to finalize all the construction details. City representatives shall travel at City's expense, if required.

PART VI-TECHNICAL SPECIFICATIONS / FUNCTIONAL REQUIREMENTS

COMPLETED UNIT WEIGHT

THE COMPLETED UNIT WILL WEIGH NO MORE THAN 17,500 POUNDS. THE UNIT WILL BE FULL OF FUEL, NO SPARE TIRE, NO PERSONNEL, AND NO EQUIPMENT IN THE EXTERIOR OR INTERIOR COMPARTMENTS.

01. TECHNICAL REQUIREMENTS - CAB-CHASSIS

- 1.1. General Vehicular Design, Types, and Floor plan. The emergency medical care vehicle and the allied equipment furnished under this specification shall be the manufacturer's current commercial vehicle of the Type and Class specified. The ambulance shall be complete with the operating accessories as specified herein; furnished with such modifications and attachments as may be necessary and specified to enable the vehicle to function reliably and efficiently in sustained operation. The design of the vehicle and the specified equipment shall permit accessibility for servicing, replacement and adjustment of component parts and accessories with minimum disturbance to other components and systems. The term "heavy-duty" as used to describe an item, shall mean in excess of the usual quantity, quality, or capacity normally supplied with the standard production vehicle or component.
 - 1.1.1. The ambulance shall be a Type I, Class 1, and shall be a chassis furnished with a four (4) door crew cab. The chassis crew cab shall be suitable for subsequent mounting of a modular (containerized), transferable modular body conforming to the requirements of this specification.
- 1.2. Vehicle Components, Equipment, and Accessories. The emergency medical care vehicle, chassis, modular ambulance body, equipment, devices, medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, tested and certified, to meet or exceed the requirements of this specification. The vehicle shall comply with all Federal Motor Vehicle Safety Standards (FMVSS) and Federal Regulations applicable or specified for the year of manufacture. The chassis, components, and optional items shall be as represented in the manufacturer's current technical data. Also the ambulance body, equipment, and accessories shall be as represented in their respective manufacturer's current technical data. Data shall be limited to specifications and technical materials identical to that furnished to the authorized company representatives. The vehicle's components and equipment need not be the products of the same manufacturers.
- 1.3. Materials. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended.
- 1.4. Vehicle Operation, Performance, and Physical Characteristics. The following is a description of the Cab-Chassis that will meet the minimum requirements of this specification and it is expressed as minimums.

- 1.4.1 The Proposer shall submit certifications that the vehicle type being supplied to the City is in compliance with the following requirements of KKK-A-1822.

Federal Specification KKK-A-1822:

1. Paragraph 3.4.4, Vehicle Performance.
2. Paragraph 3.4.5, Speed.
3. Paragraph 3.4.6, Acceleration.
4. Paragraph 3.4.7, Gradeability.
5. Paragraph 3.4.7.1, Gradeability at Speed.
6. Paragraph 3.4.7.2, Minimum Low Speed Gradeability.
7. Paragraph 3.6.5.4, Brakes.

These certifications shall be from an independent testing laboratory and not from the vehicle manufacturer's engineering staff. The Proposer shall submit these certifications prior to the Purchaser's acceptance of the vehicle or at time of delivery. They do not need to be submitted with the proposal response.

- 1.5. Chassis Year.

The Cab-Chassis meeting the requirements of this specification is a new 2008 or 2009 model.

Does your proposal comply with this requirement?

YES () NO ()

- 1.6. Chassis Type.

The chassis type required is an International 4400 LP (4X2) (or equal) medium duty.

Does your proposal comply with this requirement?

YES () NO ()

- 1.7. G.V.W.

The Gross Vehicle Weight Rating 23,500 pounds

Does your proposal comply with this requirement?

YES () NO ()

- 1.8. Axles and Suspension.

Front axle and suspension:

Front axle: I-beam type, non-driving, 8,000# capacity

Front brakes: ABS Air

Front brake linings: Non-asbestos fire & emergency severe service

Front brake dust shields

Front hubcap: vented-oil

Power steering: TRW TAS40 frame mounted pump or equal

Power steering reservoir: 2 quart

Front suspension: Taper leaf 8,000 #

Spring pin bushing: Maintenance free rubber bushings

Front shock absorbers

Front Sway Bar Inboard Mounted

Rear Axle and Suspension:

Rear axle: 15,500# capacity

4.78:1 axle ratio

Rear axle carrier housing: Iron
 Main driveline: Dana Spicer or equal
 Lubrication: Petroleum based lubricant in engine/transmission/axles
 Rear brakes: ABS air
 Rear brake linings: Fire & Emergency severe service non-asbestos
 Rear brake dust shields
 Parking brake: Spring applied, air released
 Rear suspension: 15,500# Airliner or equal
 Rear suspension ride height: Low
 Air suspension dump valve: manual dump valve w/indicator light
 Rear suspension. Chassis air piping: Dual instant response rear suspension Leveling valves. Ping tanks or equal
 IPD Sway Bar

Does your proposal comply with this requirement?

YES () NO ()

1.9 Engine.

International DT 466 HT 260HP (or equal) @ 2400 gov. RPM
 Air cleaner: Donaldson air cleaner or equal
 Alternator: 320 amp. Leece Neville or equal
 Batteries: Four (4) Group 31 1950 min. CCA total
 Compressor: Air, as required for brakes, suspension, and horns
 Exhaust: Single street side horizontal muffler with tailpipe angled at 45° in front of rear tires
 Oil Check & Fill: Engine Mounted
 Fan drive: Horton or equal
 Heavy-duty coolant: Low silicate diesel formula
 Coolant hose: Gates Blue Stripe hoses or equal
 Constant torque clamps: Constant torque for coolant hose 1-3" diameter
 Engine heater: Not required.
 Heater receptacle temp. mtd. to engine
 Starter: Leece-Neville 12V or equal
 Flywheel Housing: aluminum
 Fuel Filter: Installed
 Full flow oil filter
 Coolant Filter: Installed

Does your proposal comply with this requirement?

YES () NO ()

1.10 Transmission.

Transmission: Allison 3000EVS_P Close Ratio 6 speed (no substitute allowed)
 Shift Control: Dash mounted push button

Does your proposal comply with this requirement?

YES () NO ()

1.11 Fuel Tanks and Equipment.

RH fuel tank: 50-gallon
 Fuel tank: Rectangular
 Fuel tank & band finish: Tank W/Painted bands

Fuel tank cap

F/W separator: Racor # 690R or equal with spin-on element, W/Dash mtd. Water sensor light

Does your proposal comply with this requirement?

YES() NO()

1.12 Cab Exterior.

Cab: 151" BBC (Crew Cab, steel)

Cab mounts: Rubber

Grab handles: LH/RH exterior

Grille: Painted hood mounted

Hood: 1-piece molded fiberglass hood & fenders

Grover Air Horns with valve foot switch with 85-PSI protection valve for air horns

Electric horn: Dual

Key & lockset: Remote keyless entry. Ignition and door locks same.

Headlights: Single rectangular halogen

Marker lights: (5) small

Daytime running lights

Two fog lights mounted on the front bumper face. A separate LED indicator and switch shall be provided

Turn signal: Front lamps

Primary mirrors: Stainless steel

Door mounting of mirrors

Equipment width: 96" for mirrors

Auxiliary mirrors: LH 8"/RH 8" convex bright finish MTD under primary mirrors

Side/rear reflectors

Rear window: None

Door windows: Tinted with operating door wing windows

Door Window regulators: Manual

Windshield: Tinted

Windshield washer reservoir: 2½ gallon

Does your proposal comply with this requirement?

YES () NO ()

1.13. Cab Interior.

Interior: All surfaces washable vinyl – color to be specified at time of proposal award

Floor mats: Black rubber or vinyl with single insulation

Dash mounted 12 VDC power ports (2 required)

Storage pockets: Map pockets both doors

Provide rack for storage of 3 boxes of rubber gloves (to be defined at pre-construction conference)

Heater and defroster with air conditioner with recirculation switch

Air conditioning control: With recirculation Switch

Air Conditioning Compressor: Sanden or equal

Electrical: manual reset circuit breakers

Schematic card: un-mounted basic wiring diagram for 12V negative ground system

Interior lights: Center mounted dome & door courtesy lights in kick panels (front & rear of cab)

Cab door latches: Remote entry electrically powered locks

All seats: OEM standard air ride

Drivers seat cover: vinyl – color to be specified at time of proposal award
 Passengers seat cover: vinyl – color to be specified at time of proposal award
 Steering column: Adjustable telescoping tilt
 Interior sun visors: Driver/passenger
 Seat Belts: 3-point adjustable D-Ring retractor driver & passenger
 Electrical load center mounted near rear of cab for body power
 Twelve (12) dash mounted rocker switches with “on” indicator lights and function label lights
 An audible parking brake alarm shall sound when the transmission is in neutral and the parking brake is not set.

Does your proposal comply with this requirement?

YES () NO ()

1.14 Instrument Panel and Controls.

Gauge Package: Manufacturer’s standard
 Low air pressure warning: Light and buzzer
 Air restriction warning light: Dash mounted
 Cruise control switches: Switches in steering wheel spokes
 Starter control: Dash mounted
 Driver info center: ODO/trip/hour/diag/voltage display
 Diagnostic interface connector: 9 pin, SAE J1587/1708/11939, located below dash
 Fuel level gauge
 Coolant temperature gauge
 Transmission temperature gauge
 Hour meter: Integral with driver display
 Engine oil pressure gauge
 Radio; F/L XTA-2100 AM/FM/WB/CD by Delco (or equal)
 Radio speaker: (2) cab and (2) inside body
 Speedometer: MPH W/O odometer
 Tachometer: Electronic 3000 RPM
 Digital voltage display: Integral with driver display
 Windshield wiper control: Two speed and with delay
 Marker lamp switch
 Parking brake control
 Turn signal switch: Self-canceling with integral headlight beam 4-way flasher

Does your proposal comply with this requirement?

YES () NO ()

1.15 Chassis Information.

End frame: Square
 Bumper: 12” chromed three-piece steel with collapsible-boxed ends
 Front tow hooks: (2) front frame mounted
 License plate mounting: Single license plate bracket mounted on rear of body.
 Clear frame rails with no protrusions outboard each rail BOC to rear suspension

Does your proposal comply with this requirement?

YES () NO ()

1.16 Tires, Hubs, and Wheels.

Front:

245/70R 19.5 LRG or equal
 Front hubs; Gunite iron or equal
 19.5 X 7.50 FRT aluminum disc wheels
 Front wheel nuts: Metform or equal

Rear:
 245/70R 19.5 LRG or equal
 Rear hubs; Gunite iron or equal
 19.5 X 7.50 FRT aluminum wheels
 Polished rear wheels-all
 Rear wheel nuts: Metform or equal
 The rear wheels shall have Real Wheels High Hats covering each hub

Does your proposal comply with this requirement?
 YES () NO ()

1.17 Chassis Specifications Check List.

The proposer shall include with the proposal a chassis specification "check sheet" for the "specific" chassis proposal to meet these specifications. This requirement is to prevent any confusion or delay in the purchase or delivery of this chassis. Proposals not meeting this requirement will not be accepted. NO EXCEPTIONS.

Does your proposal comply with this requirement?
 YES () NO ()

2.0 ELECTRICAL SYSTEM AND COMPONENTS.

2.1 Electrical System:

The ambulance's electrical system shall be equipped with, but not limited to the following. Batteries, generating, starting, lighting, ignition, visual and audible warning systems, specified electronic equipment and devices including master consoles located in the cab and crew compartments and other specified accessory wiring. The electrical system and its equipment shall comply with all applicable FMVSS requirements, including Federal Motor Carrier Safety Regulations (FMCSR) and shall also conform to all the applicable SAE recommended standards and practices, whether or not specifically referenced in this document while complying with the sub-paragraphs herein. All electrical and electronic components shall be selected to minimize electrical loads. All electrical system components and wiring shall be readily accessible through access panels for checking and maintenance. All switches, indicators, and consoles shall be located and installed in a manner that facilitates easy removal and servicing and will have service loops of wire. All exterior housings of lamps, electronic devices, and fixtures shall be corrosion resistant and weatherproofed. The system shall be designed so as to selectively shed load in the event of component failure(s) so as to protect the remainder of the system.

Does your proposal comply with this requirement?
 YES () NO ()

2.1.1 Electrical Control System:

The electrical system for this vehicle shall be supplied by "**Wired Rite Systems, Inc.**" or equal. It shall not be of an experimental nature, but shall have met all the

requirements set forth in the Federal Ambulance Specification KKK-A-1822 and the Ambulance Manufacture's Division (AMD) Standards.

Does your proposal comply with this requirement?

YES () NO ()

- 2.1.2 Body electrical components shall be mounted in an electrical compartment located above Compartment 2 on the exterior of the body. This compartment shall have a top opening door with shocks to hold it open. Components shall be mounted so as to be easily serviced and diagnosed. Wiring shall be secured and routed to facilitate tracing and servicing.

Does your proposal comply with this requirement?

YES () NO ()

- 2.1.3 All exterior housings of lamps, electric devices and fixtures shall be corrosion resistant and weather proofed. Electrical fixtures attached to the sides of the rescue vehicle below the 75-inch level shall be near flush mounted, not to protrude more than two (2) inches, except for such items as spotlights and speakers.

Does your proposal comply with this requirement?

YES () NO ()

- 2.1.4 Switches, relays, terminals, and connectors shall have a direct current rating of 125 percent of maximum current for which the circuit is protected. To confirm compliance to this requirement the Proposer shall submit with the proposal certification from an independent testing laboratory that the electrical system has been tested to and complies with paragraph 3.7.2.1 of Federal Ambulance Specification KKK-A-1822.

Does your proposal comply with this requirement?

YES () NO ()

- 2.1.5 All electronic devices and equipment installed which produce RFI, shall have the proper filters, suppressors or shielding to prevent electromagnetic radiation and the resultant interference to radios and other medical electronics. These suppression devices shall meet the requirements of paragraph 3.7.12 of KKK-A-1822. Certification from an independent testing laboratory that the electrical system is in compliance with this requirement shall be submitted with the proposal response. The RFI of the completed ambulance shall not exceed the maximum limits of SAE J551. Electrically operated medical equipment furnished shall comply with MIL-STD-461, electronic interference characteristics requirements for aeromedical equipment.

Does your proposal comply with this requirement?

YES () NO ()

2.2 Wiring Installation.

The ambulance body and accessory electrical equipment shall be serviced by circuit(s) that are separate and distinct from the vehicle chassis circuits. All wiring provided by the ambulance manufacturer shall be copper and conform to all the SAE J1292 requirements and shall have type GXL "cross linked" high temperature polyethylene or

better insulation rated to 300 degrees Fahrenheit and conforming to SAE J1127 and J1128.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.1 The wiring shall be permanently color coded to identify wire function. Wires shall be permanently heat ink embossed with both number and function codes. The function codes shall be the "descriptive" name of the circuit served. The number code shall be the exact purpose of that circuit. This number code shall be completely referenced in a detailed wiring schematic provided with the vehicle. Samples of the manufacturer's wiring schematic drawings shall be provided with the proposal. The function and number code shall be embossed at a minimum of 4-inch intervals the entire length of the wire. The wires leading to the switch consoles shall utilize a multi-conductor cable of a minimum of 18 AWG.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.2 SPECIAL NOTICE TO PROPOSERS: Wiring code numbers that are paper or plastic which are glued or otherwise attached to the wire are not considered by the City to be permanent and will not be accepted.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.3 Wiring installed by the "second stage" manufacturer shall be routed in conduit or high temperature loom with a rating of 300 degrees Fahrenheit where necessary to protect it. All added wiring should be located in accessible, enclosed, and protected locations and kept at least six inches away from the exhaust system components. Electrical wiring and components shall not terminate in the oxygen storage compartment except for the oxygen-controlled solenoid, compartment light, and switch. Wiring necessarily passing through an oxygen compartment shall be routed in metal conduit. All conduits, looms, and wiring shall be secured to the body or frame with insulated metal cable straps in order to prevent sagging and movement which results in chafing, pinching, snagging, or any other damage. All apertures on the vehicle with wiring shall have grommets and be sealed for passing wiring and conform to SAE 1292. All items used for protecting or securing the wiring shall be appropriate for the specific application and be standard automotive, aircraft, marine or electronic hardware.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.4 Circuit connections shall be made on barrier style weatherproof exterior connector terminal blocks for positive mechanical connections. To minimize the potential for wiring shorts and voltage drops all wiring terminals shall be tin plated, annealed, ETP copper with nylon high heat insulation. The wire terminal shall be a closed brazed multi-grooved wire barrel with a funnel wire insulation grip. This is to insure uniform compression of the conductor wire and provide "strain relief" for the conductor. These wire terminals shall be machine crimped with a device that requires a complete crimp motion before release.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.5 The use of "Scotch-Lock" type fasteners are NOT ACCEPTABLE. To insure minimal voltage drop and secure connections NO splices shall be allowed in the wiring harness.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.6 All wiring installed by the "second stage" manufacturer carrying a load of more than 5 amperes shall be a minimum of 16 AWG. To insure a strong ground path and reduce voltage drops, all "ground" wires shall be of the same size as the "power" feed wire required for the circuit. All ground wires shall be black in color. No wires other than the ground wires may be the color black. All ground wires shall terminate in a common ground buss panel. The random grounding of wires where convenient for the "second stage" manufacturer is not acceptable.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.7 All cables larger than 10 AWG shall have the terminals mechanically crimped and solder dipped with 60% tin solder to insure minimal voltage drop and resistance to corrosion.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.8 The successful proposer shall deliver with the finished vehicle a complete set of "as built" electrical diagram drawings. The diagrams shall also be supplied on CD in .PDF file format. Should the vehicle not have these diagrams at delivery it will be rejected until the diagrams are provided. Proposers shall submit with their proposal package a sample set of the wiring schematics that would be provided with the finished vehicle. Proposals not meeting this requirement shall not be accepted. NO EXCEPTION.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.9 Wiring Criteria. All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry at least 125% of the maximum ampere load for which the circuit is protected.

Does your proposal comply with this requirement?

YES () NO ()

- 2.2.10 A service loop of wire or harness shall be provided at all electrical components, terminals, and connection points. All low power relays shall be mounted for ease of serviceability. All high current diodes shall be heat sink mounted. One spare circuit breaker and relay of each size used shall be provided and mounted with each vehicle for future use. All wiring between the cab and module shall be connected to a terminal strip(s) or circuit boards provided by truck chassis OEM and mounted to truck cab. All connections and terminals provided shall comply with SAE J163, J561 or J928 as applicable.

Does your proposal comply with this requirement?

YES ()

NO ()

- 2.3 Cab Console & Action Area Control Switches. The electrical switches mounted in the cab for circuits added by second stage manufacturer shall be in a panel mounted in the truck dash and supplied by the truck manufacturer. All switches, dash mounted and action area switches shall be either 2 position or 3 position, depending on the function, and be of the rocker type.

Cab dash mounted switches shall include the following; emergency master, front lightbar, primary and secondary warning lights, neutral override, horn/siren selector, left, right, and rear scene lights, air dump override, and ground lights.

Action wall switches shall include the following; high and low setting dome lights, left and right, high and low red dome lights, fluorescent lights, suction pump, oxygen solenoid, and action area light. Also to include a backlit pushbutton, momentary buzzer, red, amber, green patient code to communicate with driver.

Does your proposal comply with this requirement?

YES ()

NO ()

- 2.4 Electrical Generating System. The truck chasses shall be equipped with a 12V DC 320 ampere Leece-Neville brushless alternator.

Does your proposal comply with this requirement?

YES ()

NO ()

- 2.5 Engine High-Idle Speed Control, Automatic. The vehicle shall be equipped with a high-idle speed control. It shall be preset so that, when activated, it will operate the engine at the lowest speed possible to provide necessary power to alternator and compressors. This device shall operate only when the master switch is in the "ON" position and the transmission is in "NEUTRAL" or "PARK". The device shall disengage when the operator depresses the brake pedal, or the transmission is placed in gear, and automatically re-engages when the brake is released, or when the transmission is placed in neutral or park.

Does your proposal comply with this requirement?

YES ()

NO ()

- 2.6 Battery System. The truck chassis shall be supplied with four (4) 12V DC Group 31 batteries. They shall be rated at a minimum of 1950 CCA total. The batteries shall be securely mounted, and easily serviced in a slide out battery tray. This tray shall be located as a part of the driver's entry step. This compartment shall be vented to prevent excessive heat build up. The tray slides shall be rated to support a minimum of 500 pounds. To minimize voltage drops associated with excessively long cable runs, battery storage behind the rear axle is not acceptable.

Does your proposal comply with this requirement?

YES ()

NO ()

- 2.6.1 Install a battery selector switch. This switch shall be mounted on the left side of the driver's seat. The battery system shall be wired in accordance with Federal

Specification KKK-A-1822 per modified figure 5 drawing for diesel engine applications.

Does your proposal comply with this requirement?

YES ()

NO ()

2.6.2 Battery Charger. Kussmaul 45-ampere battery charger.

Does your proposal comply with this requirement?

YES ()

NO ()

2.7 Internal 12 Volt DC Power. The patient compartment shall be furnished with a 12 V DC separately protected circuit with 20-ampere capacity, with three (3) outlet receptacles. This circuit shall also include a low voltage drop "Schottky" diode to isolate medical equipment batteries from any electrical loads that the remainder of the ambulance electrical system may impose. The diode shall be heat sink mounted, and have an inverse voltage rating of at least 45 volts and also be rated to carry the maximum short circuit current until the circuit breaker opens. The diode shall be located in an accessible location and be electrically connected between the breaker and the "action wall" mounted receptacles.

Does your proposal comply with this requirement?

YES ()

NO ()

2.7.1 The receptacles shall be a cigar lighter style plugs.

Does your proposal comply with this requirement?

YES ()

NO ()

2.7.2 12V Power BUSS's:

1. 50A located in center console – battery hot
2. 50A located in center console – battery switch hot
3. 20A located behind action area wall.
4. Three (3) ground BUSS's

Does your proposal comply with this requirement?

YES ()

NO ()

2.8 120 Volt AC Utility Power. The vehicle shall be furnished with a 2-wire plus ground 120 volt AC wiring system that is separate and distinct from the vehicle's 12 volt DC wiring system(s). The 120-volt AC electrical system, including wiring and associated equipment, shall comply with Article 551 of the National Electrical Code. This system is to be used while the vehicle is on standby for powering maintenance devices, medical equipment battery chargers, and any other device(s) deemed necessary by the City. The 120 volt system shall incorporate a ground fault interrupter (GFI) device and one (30) ampere circuit breaker which can be used as a "MASTER" 120 volt disconnect switch. The GFI and circuit breaker may be an integral unit. All 120 volt AC electrical system components are to be listed by a nationally recognized testing laboratory, and are to be recognized by OSHA under Appendix A to 29 CFR 1910.7. Documentation of compliance to this requirement from an independent testing laboratory shall be submitted with the Proposer's proposal.

Does your proposal comply with this requirement?

YES () NO ()

- 2.9 Utility Power Connector. Two (2) Kussmaul Auto eject shoreline connectors, one with a red cover and the other with blue cover shall be provided. Connector with the blue cover will be 30A and connected to the air conditioning circuit only. The one with the red cover will be 20A and supply all other AC electrical requirements of the body. Location of connectors to be specified during pre-construction review. Provide metal labels for shorelines.

Does your proposal comply with this requirement?

YES () NO ()

- 2.10 Electrical 120-Volt AC Receptacles. Four (4) 20A duplex interior outlets shall be provided.

Does your proposal comply with this requirement?

YES() NO()

- 2.11 Block Heater. Not required

- 2.12 Instrument Console.

Between the driver and passenger's seat there shall be provided a control console containing the City's two-radio and siren controls and a storage box. The radio and all other controls must be centrally located and easily accessible by both the driver and the front seat passenger. There shall be a clear area provided for the installation of radio control heads. It shall be constructed to match the lines, contours and color of the cab interior. The console shall be easily accessible for service and maintenance. It shall not interfere with any function or feature of the O.E.M. dash. The storage box will be approximately 24 inches long by 24 inches wide by 16 inches high. The lower portion of the storage box will incorporate ducts to provide air conditioning to the rear of the crew cab from the front of the cab. In addition, a Sentralok Knox (or equal) box will be installed in a location to be determined at pre-construction.

Does your proposal comply with this requirement?

YES () NO ()

- 2.12.1 Provide a second equipment storage box in truck cab mounted behind the driver's seat that can be closed and secured to contain all the contents. The box will be centered between the rear seats and will be approximately 30 inches long by 24 inches wide by 30 inches high. Construction details to be provided during pre-construction review.

Does your proposal comply with this requirement?

YES () NO ()

- 2.13 Map Lights. One (1) Intertec 12" map light (or equal)

Does your proposal comply with this requirement?

YES () NO ()

- 2.14 Ceiling Lights. Shall install four (4) Trucklite Model # 80354 seven inch lights (1) clear

& (1) red in the cab ceiling (front and rear sections of cab).

Does your proposal comply with this requirement?

YES ()

NO ()

2.15 Patient Compartment Control Console.

The patient compartment lighting, air conditioning, heating, and other electrical functions shall be controlled from a control panel located in the street sidewall action area. The console shall incorporate moisture resistant, 3 position rocker switches that are continuous, manually operated, independent of each other, and are UL listed and CSA approved. The switches shall be labeled and be for the following functions: Interior lights (left dome, right dome, cabinet lights, fluorescent lights, action area lights), Oxygen System, Suction System, Inverter, Exhaust Fan, Heat or AC Selection, Fan Speed, three Spare Functions.

2.15.1 Thermostat.

A thermostat for heat/air conditioning system, 12VDC, Digital for temperature, range 60 to 99F, shall be included in the action area.

Does your proposal comply with this requirement?

YES ()

NO ()

2.15.2 Oxygen System Monitor.

The oxygen system shall be equipped with monitoring system that measures and monitors the pressure in the on board oxygen system. The monitor status shall be connected to a preset oxygen regulator/transducer that must be included for compliance to this specification's requirements. The monitoring system shall be powered by 12 volts DC and is to be protected against voltage transients and reversals.

Does your proposal comply with this requirement?

YES ()

NO ()

2.16 Door Open Alarm. A Whelen 1S red marker light and alarm in truck cab will display when any door is open. The light will be mounted in truck cab ceiling so as to cast light on truck dashboard. The audible alarm will sound and light illuminate when the vehicle is placed in gear and any door is still open. A momentary switch to disable the audible alarm shall be installed.

Does your proposal comply with this requirement?

YES ()

NO ()

3.0 VEHICLE LIGHTING REQUIREMENTS.

3.1 Vehicle Exterior Lighting. The basic exterior rescue vehicle lighting shall comply to FMVSS Standard No.108 and the requirements herein and include: amber front and rear directional signals and hazard warning lights, front, rear and side marker lights, backup light(s), clearance lamps, emergency warning lights, floodlights, and spotlight(s). The rear side marker light shall be a minimum of 2" and shall also function as a turn signal indicator as described in Federal Specification KKK-A-1822. Documentation of compliance to FMVSS No. 108 from an independent testing laboratory shall be submitted with the Proposer's proposal.

All exterior lights (FMVSS and emergency flashing) added by final manufacturer shall

be LED with stainless steel protective shields.

Does your proposal comply with this requirement?

YES ()

NO ()

3.1.1 The vehicle's taillight package shall be:

Brake/Tail – Whelen 600 LED with red lens

Turn – Whelen 600 LED amber arrow with progressive flash

Back Up – Whelen 600 halogen with clear lens

Lights to be mounted in a Whelen CAST 3 housing vertically mounted on the rear of the modular body.

Does your proposal comply with this requirement?

YES ()

NO ()

3.2 Vehicle Emergency Lighting Systems. The emergency lighting system must provide the vehicle with 360 degrees of visual warning conspicuity as required in paragraph 3.8.2 of KKK-A-1822. The system must display highly perceptible and attention getting signals that function in a model system and convey the message in the PRIMARY MODE - “Clear the Right-of-Way” and in the SECONDARY MODE - “Hazard, Vehicle Stopped on Right-of-Way”. Signals must change from one mode to the other automatically.

Does your proposal comply with this requirement?

YES ()

NO ()

3.2.1 The basic warning light system shall contain twelve (12) fixed red lights, one (1) fixed clear light, and one (1) fixed amber light. These lights shall function in a dual mode system as shown in paragraph 3.8.2.2 of KKK-A-1822 and meet the physical and photometric requirements as described in that paragraph. The upper body warning lights shall mounted at the extreme upper corner areas of the ambulance body below the horizontal roof line, with the single clear light mounted midway between the two front facing red upper corner lights. The single amber light shall be mounted midway between the two rear facing red upper corner lights. These warning lights shall not be obstructed by doors or other ancillary equipment. The red “grille” lights shall be located at least 30 inches above the ground and below the bottom edge of the windshield and be laterally separated by at least 18 inches, measured from centerline to centerline of each lamp. All warning lights furnished shall be mounted to project their highest effective intensity beams on the horizontal axis.

Does your proposal comply with this requirement?

YES ()

NO ()

3.2.1.1 To meet the above requirements the ambulance shall be equipped with the following lights in the specified locations:

Red warning light mounted to inside of side body door that is on whenever door is open as a warning to traffic approaching from the rear.

Front Light Bar. Similar to Whelen Edge Ultra LC72 with Piercer II in center section. Light bar is to be equipped with latest generation of high intensity LED's and is to be mounted on cab roof.

Rear Light Bar. Whelen Mini Edge with four rear facing LED lights. Light bar to be mounted on wedges above the rear doors.

Grill. Whelen 700 Series LED with split red/clear lens and flanges (4) each

Front Intersectors. Whelen 700 Series LED with split red/clear lens and flanges (2) each

Middle Intersectors. Whelen 400 Series LED with red lens and flanges (2) each

Rear Intersectors. Whelen 700 Series LED with red/amber lens and flanges (4) each (2 forward and 2 rear of the wheel wells).

Front Outside Modular Body. Whelen 900 Series LED with (2) red lens and flanges (2) each

Front Center On Air Conditioning Condenser Face. Whelen 508 LED mounted on a "L" bracket – clear lens (1) each

Sides Modular Body. Whelen 900 Series LED with red lens and flanges (4) each

Rear Upper Outside Modular Body. Whelen 900 Series LED with red lens and flanges (2) each

Rear Upper Center Modular Body. Whelen 900 Series LED with amber lens and flanges (1) each

Rear Mid-Level Modular Body. Whelen 900 Series LED with amber lens and flanges (2) each

Headlight Flasher. Flash headlights with Multiplex system

Traffic Advisor. Whelen Model TA870L (using Federal Signal Smart Siren controller) located below the Lightbar wedges, and above the rear entry doors.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.3 Hardware, Construction, Switching Arrangements. The emergency lighting system shall be comprised of components and devices that comply with the general requirements and tests of SAE J575g, J576d and J55I. Warning lights shall be firmly fastened to reinforced body surfaces. All switches, connectors, and wiring shall be rated to carry a minimum of 125% of their maximum ampere load.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.4 Tests Warning Light System. To confirm that the vehicle's warning light system complies with the requirements of these specifications, NFPA 1901 and those of Federal Specification KKK-A-1822, documents shall be provided from an independent testing laboratory that will certify that the vehicle meets these requirements. These

certifications do not need to be supplied with the proposal response but shall be provided to the Purchaser prior to final acceptance of the vehicle.

Does your proposal comply with this requirement?

YES () NO ()

- 3.5 Flood and Loading Lights (Exterior). On each side of body, mount two (2) Whelen 700 series 13 degree scene lights not less than 75 inches above the ground and unobstructed by open doors. Lights shall be located on the left and right sides of the ambulance, and be firmly fastened to the reinforced body surfaces below the roofline. Scene light switches shall be located on the cab console, and control each pair of side lights independently. Flood and loading lights must utilize a high intensity halogen discharge type element that is readily available and commonly used.

Does your proposal comply with this requirement?

YES () NO ()

- 3.5.1 There shall be two (2) Whelen 700 Series 26 degree scene lights located on the rear of the modular body. Loading light(s) shall automatically be activated when the rear door(s) are opened and shall be incorporated with the FMVSS backup lighting system.

Does your proposal comply with this requirement?

YES () NO ()

- 3.6 Spotlight. A 500,000 candle-power (minimum) spotlight shall be installed on truck cab roof. It shall be capable of rotating in horizontal plane at least through 350 degrees and vertically at least 75 degrees upward and downward from horizontal. The spotlight must be installed on a raised base that will allow rotational clearance over the light bar. This spotlight shall be controlled from a panel mounted joystick in the truck cab.

Make _____

Model _____

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

Does your proposal comply with this requirement?

YES () NO ()

- 3.8 Patient Compartment Illumination. The patient compartment shall be provided with fluorescent lighting located over the "primary" patient area and over the squad bench. These lights shall be mounted into the patient compartment headliner and protrude minimally into the patient compartment. The supplied lights shall have "dual-element" bulbs for two (2) levels of illumination. The "low" or "dim" level shall be provided for the patient's comfort.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.8.1 The attendant shall be able to control these lighting levels (Sec. 4.15) from the patient compartment console. These dual levels shall work together or differ from side to side. This light level shall not be provided by the use of a rheostat, but by "rocker" type switches found in the attendant's console. When either the curbside or rear door(s) are opened, the four (4) lights over the PRIMARY patient shall light automatically. The lights over the squad bench shall not light to conserve power.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.8.2 Any system using rheostat controlled lighting shall be unacceptable and shall not be considered. Patient compartment lighting shall meet the requirements of paragraph 3.8.5.1 of KKK-A-1822. Certifications shall be provided by an independent testing laboratory of compliance to this requirement. These certifications do not need to be included with the proposal but must be supplied prior to final acceptance of the vehicle by The City.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.8.3 In the attendant's work/action area there shall be provided an 18" long fluorescent, 12V DC light. This light shall be controlled by a switch on the either the light itself or the action area control panel.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.8.4 Clock. Shall install an "EMERGENCY TIME MANAGER by Intellitec in the patient compartment.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.8.5 Fluorescent Lighting. Two (2) Thinlite Model # 716 (or equal) fluorescent lights to be installed in the patient compartment ceiling. The lights will serve as check out lights. A rotary timer shall activate the lights.

Does your proposal comply with this requirement?

YES ()

NO ()

- 3.8.6 Ground Lights. Eight (8) 4" clear utility lights shall be located under the cab and modular body. A switch in the control panel shall activate them.

Does your proposal comply with this requirement?

YES ()

NO ()

4.0 CAB-BODY DRIVER COMPARTMENT AND EQUIPMENT.

- 4.1 Driver and Passenger Compartment, Cab-Body Structure. A fully enclosed driving compartment with seating capacity for not less than four (4) people shall be provided. This cab shall meet the requirements of paragraph 3.9.1 of KKK-A-1822.

Does your proposal comply with this requirement?

YES () NO ()

- 4.2.1 Cab-Body Provisions. The ambulance cab shall meet the requirements of paragraph 3.9.2 of KKK-A-1822. To reduce future liability to The City the Proposer shall submit prior to the delivery of the ambulance certifications from an independent testing laboratory that the vehicle being proposal meets these requirements.

Does your proposal comply with this requirement?

YES () NO ()

- 4.3 Cab compartment driver's and assistant's seats. The cab shall be provided with bucket seats with lap and shoulder harness for all passengers. The seats shall be frame constructed with cushioned springs or foam rubber, padded and upholstered to provide maximum riding comfort. The seats shall be covered with a fire-retardant, washable, artificial leather or vinyl, nonabsorbent material.

Does your proposal comply with this requirement?

YES () NO ()

- 4.4 Controls and Operating Mechanism. All cab controls and operating mechanisms shall meet the requirements of paragraph 3.9.4 of Federal Specification KKK-A-1822.

Does your proposal comply with this requirement?

YES () NO ()

- 4.5 Outside Rear View Mirrors. The vehicle shall be equipped with door mounted West Coast style exterior mirrors. They shall be firmly secured vibration-less rear view mirrors, having a combination wide angle mirror system. The mirrors shall have the largest usable reflective area practical for the vehicle totaling at least 125 square inches per mirror. Mirror heads shall be remotely controlled from inside the cab and be independently adjustable and all hardware shall be of polished metal.

Does your proposal comply with this requirement?

YES () NO ()

- 4.6 Bumpers and Steps. The chassis manufacturer's standard chrome bumper shall be furnished on the front of the cab. The rear bumper and step assembly shall be a single unit constructed of 4 inch steel "C" structural channel and .125 inch thick aluminum diamond plate. The rear bumper shall be "notched" to facilitate stretcher loading. The "notch" shall be inline with the stretcher position inside the vehicle. This bumper assembly shall be bolted to the chassis frame. There shall be at least one-inch clearance between the bumper assembly and the rear of the modular body. Above the bumper assembly and below the rear doors, there shall be a full-length riser of polished aluminum diamond plate for a protective kick panel. Two heavy-duty dock bumpers

shall be installed on the step bumper.

Does your proposal comply with this requirement?

YES () NO ()

- 4.6.1 For additional protection to the modular body, there shall be provided contoured diamond plate stone guards on the front and rear corners of the body.

Does your proposal comply with this requirement?

YES () NO ()

- 4.6.2 Fasteners used on the vehicle body shall be nickel-plated or anodized steel. Exterior trim pieces may be aluminum. They shall be "machine" thread screws not "sheetmetal" thread screws. The fastener's threads shall be coated with Loctite to prevent loosening from vibrations. The manufacturer shall provide nylon washers underneath the screw heads to protect against galvanic corrosion. Should a vehicle be delivered without the fasteners described above it will be rejected. NO EXCEPTIONS.

Does your proposal comply with this requirement?

YES () NO ()

- 4.7 Fenders. There shall be provided on the vehicle, fender extensions over the dual rear tires. They should be designed to provide protection against wheel wash. They shall be of polished aluminum construction to provide a pleasing appearance as well as protection to the ambulance.

Does your proposal comply with this requirement?

YES () NO ()

- 4.8 Mud Flaps. Install mud flaps on the front fenders, and at the rear of the rear wheel wells. Mud flaps shall contain no advertising and no markings whatsoever.

Does your proposal comply with this requirement?

YES () NO ()

- 4.9 Drivers Step/Battery Box. On the lower section of the box face will be a full-length step with a NFPA compliant step surface. The face of the upper section will have a 16" step with a NFPA compliant step surface. The bottom of the tray shall be lined with black Turtle Tile. Diamond plate will close off the arched area above the tray formed by the cab. The two steps shall be offset to facilitate egress and ingress.

Does your proposal comply with this requirement?

YES () NO ()

- 4.10 Passengers Step/Fuel Tank Cover. The steps shall be located on the surface of the fuel tank cover. On the lower section of the fuel tank cover face will be a full-length step with a NFPA compliant step surface. The face of the upper section will have a 16" step with a NFPA compliant step surface. The two steps shall be offset to facilitate egress and ingress.

A hinged diamond plate door with a positive latch will close off the arched area above the tray formed by the cab. A metal label identifying "diesel fuel" shall be installed above

the filler neck opening.

Does your proposal comply with this requirement?

YES () NO ()

5.0 VEHICLE BODY AND PATIENT AREA

- 5.1 Body Accommodations. The ambulance body and patient compartment shall be sufficient in size to meet the requirements of this specification and those of paragraph 3.10.1 of KKK-A-1822. The interior layout shall be such that a technician can administer life support treatments to at least one person during transit.

Does your proposal comply with this requirement?

YES () NO ()

- 5.2 Cab/Patient Compartment Access. There shall be a rubber accordion type bellows connecting the cab to the modular box. It shall be constructed of a rubber based flexible expandable one-piece bellows on four sides. There shall be a window of the sliding type with 150 square inch Lexan to allow access between the two areas.

Does your proposal comply with this requirement?

YES () NO ()

- 5.3 Emergency Medical Technician (EMT) Seating. Seating for the attendant shall consist of a contoured "high back" bucket seat. It shall be heavily padded to provide both comfort as well as protection to the attendant. This seat shall be mounted on a pedestal base and shall be provided with a seat belt for the attendant. The seat shall have an adjustable track to permit easy comfortable movement for attendants of different size. The seat will swivel and lock in four positions at 90 degree increments (forward, backward, left and right). This seat and its installation shall be per the requirements of FMVSS.

Does your proposal comply with this requirement?

YES () NO ()

- 5.3.1 CPR Seat. A CPR seat shall be located between the forward action area, and the storage area. The seat shall be set back 9" above the wheel well. The seat shall have a lid with (2) gas struts, and a paddle latch.

Does your proposal comply with this requirement?

YES () NO ()

- 5.4 Patient Compartment Interior Dimensional Parameters. The patient compartment of the ambulance shall meet the following as minimum requirements:

- 5.4.1 Length: Length measured from the bulkhead to the inside edge of the rear doors at the floor shall be at least 163 inches. There shall be at least 25 inches and not more than 30 inches of clear space at the head of the primary patient, measured from the face of the backrest of the attendant's seat to the forward edge of the style 1 cot.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.4.2 Width: The width of the patient compartment, after the installation of the cabinets, shall provide at least 52" inches between the left wall and the face of the squad bench except less at wheel wells.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.4.3 Height: The patient compartment shall provide at least 76 inches of height over the primary patient area measured from floor to ceiling.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.5 Body, General Construction. The ambulance's modular body must be of all aluminum, welded construction. The exterior of the body shall be constructed of aluminum sheet with an alloy and temper of 5052 H32 for strength, ease of welding and corrosion resistance. All frame members shall have alloy and temper strengths of 6063-T6. All extrusions used in the manufacture of the modular ambulance body shall have been designed specifically for the manufacture of emergency vehicles. No "standard" or "stock" catalog extrusions shall be used in the manufacture of the ambulance body. The Proposer shall submit a signed affidavit that the extrusions used in the body meet this requirement. All frame and structural members shall be MIG (metal arc inert gas shielded) welded together to form a "roll cage". No rivets, screws, adhesive or other mechanical fasteners shall be used for the attachment of any structural or frame member used to form this "roll cage". Body external sides shall each be in a common plane and not deviate from that plane by more than 3/8" at any point when measured with a string over the entire height and length.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.5.1 Corner and Side Wall Assembly. The corners of the modular body shall be constructed of an extruded hollow aluminum shape. The cavity of this hollow shape shall be no larger than necessary to provide a solid connecting point for the horizontal structural members. Its design must allow for a minimum of six (6) inches of continuous weld where each horizontal structural member abuts the corner extrusion. This extrusion shall have a minimum wall thickness of .125 inch. The corner extrusion shall have at least one (1) internal wall gusset of at least .188 inch high and .125 inch wide running the entire length of the extrusion. This requirement is to reduce the possibility of the extrusion bending, twisting or suffering other deformation when impacted or otherwise stressed.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.5.2 The side assembly shall be reinforced with square aluminum extruded structural members on an average of 12-inch centers. These structural members shall be 2" X 2" extruded tubing with a minimum wall thickness of .125 inches. The extrusion shall be designed so that each of its four (4) walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. This

requirement is to reduce the possibility of the extrusion bending, twisting or suffering other deformation when stressed. These structural members shall be MIG (metal arc inert gas shielded) welded together to form the body "roll cage".

Does your proposal comply with this requirement?
 YES () NO ()

- 5.5.3 To ensure full weld penetration the vertical wall extrusions shall have a 45 degree "weld bevel" on all four corners of the extrusion. This "weld bevel" can be part of the extrusion design or manually ground off the extrusion prior to assembly. In either case the extrusion's wall thickness shall be a minimum of .125 inch at all surfaces. Extrusions with 90-degree corners are not acceptable.

Does your proposal comply with this requirement?
 YES () NO ()

- 5.5.4 The skin covering the front, side and rear walls shall be aluminum sheet with a alloy and temper of 5052 H32 for strength, ease of welding and corrosion resistance. Where the skin contacts the corner extrusions or the roof rail extrusion it shall be MIG (metal arc inert gas shielded) welded. The skin shall be attached to the vertical and horizontal wall structurals with VHB (Very High Bond) adhesive to maximize rigidity in the wall assembly. In no case shall screws, rivets or other mechanical fasteners be used to attach the skin to these structural members.

Does your proposal comply with this requirement?
 YES () NO ()

- 5.6 Roof Assembly. The roof's sub-structure assembly shall consist of four (4) perimeter roof rail extrusions, lateral roof bows, longitudinal center spine and interconnecting corner caps. The roof's sub-structure shall have a center longitudinal extrusion running parallel to the side roof rail extrusions. This center "spine" extrusion shall have alloy and temper strengths of 6063-T6. It shall measure at least 8 inches wide but no more than 10 inches wide. The lateral roof bows shall be welded to this center spine extrusion and the outer roof rail extrusions to form the roof sub-structure.

Does your proposal comply with this requirement?
 YES () NO ()

- 5.6.1 The perimeter roof rail extrusions shall be constructed of an extruded hollow aluminum shape. The cavity of this hollow shape shall be no larger than necessary to provide a solid connecting point for the horizontal structural members. Its design must allow for a minimum of six (6) inches of continuous weld where each horizontal structural member abuts the corner extrusion. This extrusion shall have a minimum wall thickness of .125 inch. A drip rail shall be included as an integral feature of this extrusions design. A drip rail that is screwed, taped, riveted or otherwise mechanically fastened to the roof extrusion is not acceptable.

Does your proposal comply with this requirement?
 YES () NO ()

- 5.6.2 The lateral roof bows shall be 2" X 2" square aluminum extruded tubing with a minimum wall thickness of .125 inch. The extrusion shall be designed so that each of its four (4)

walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. This requirement is to reduce the possibility of the extrusion bending, twisting or suffering other deformation when stressed.

Does your proposal comply with this requirement?

YES () NO ()

- 5.6.3 To ensure full weld penetration the extrusion shall have a 45 degree "weld bevel" on all four corners of the extrusion. This "weld bevel" can be part of the extrusion design or manually ground off the extrusion prior to assembly. In either case the extrusion's wall thickness shall be a minimum of .125 inch at all surfaces. Extrusions with 90-degree corners are not acceptable.

Does your proposal comply with this requirement?

YES () NO ()

- 5.6.4 These structural members shall be located so that the roof skin is supported on 14" centers. The roof bows shall interconnect with the roof rails and the center "spine" and be continuously welded at all contact points. In no case shall a lateral roof bow span more than 45 inches.

Does your proposal comply with this requirement?

YES () NO ()

- 5.6.5 The roof skin shall have alloy and temper strength of 5052 H32. The roof skin will be fully seam welded where the skin contacts the center "spine" extrusion and the two (2) parallel roof rail extrusions. The skin shall be attached to the lateral roof bows with VHB (Very High Bond) adhesive to maximize rigidity in the roof assembly. In no case can screws, rivets or other mechanical fasteners be used to attach the skin to the lateral roof bows.

Does your proposal comply with this requirement?

YES () NO ()

- 5.6.6 To provide additional strength and to resist crushing, the finished roof structure shall incorporate a "crown" or "roll" so that the center of the roof is at least 1 3/4 of an inch higher than the sides. In addition to providing extra strength, this "crown" or "roll" shall prevent water from standing on the modular roof. This shall be accomplished without weakening the roof members by bending or forming. Any construction technique used that reduces the strength of the roof members is not acceptable. NO EXCEPTION.

Does your proposal comply with this requirement?

YES () NO ()

- 5.6.7 The corner caps shall be designed to interlock with the roof perimeter and vertical corner extrusions and roof sheet. The corner caps shall be formed of aluminum and made from matched metal dies to assure a smooth and pleasing appearance. To further enhance the structural integrity of the modular body all contact points between the corner assembly and the roof perimeter shall be fully welded.

Does your proposal comply with this requirement?

YES () NO ()

- 5.7 The exterior of the body shall be finished smooth and shall present a modern and aerodynamic appearance and shall embody provisions for doors and windows specified herein.

Does your proposal comply with this requirement?

YES () NO ()

- 5.8 Floor. The action area floor shall be at 31 inches maximum above the ground with air suspension at its lowest position. The floor structure shall consist primarily of 2 X 2 X .125 inch structural box section of 6063-T6 aluminum. The finished assembly shall be securely welded to the wall structures and exterior compartments. All critical load points shall be reinforced with 1/2-inch plate gussets. The floor structural members shall be placed on either 8 inch or 12 inch centers.

Does your proposal comply with this requirement?

YES () NO ()

- 5.8.1 The lateral and longitudinal floor structural members shall be 2" X 2" square aluminum extruded tubing with a minimum wall thickness of .125 inch. The extrusion shall be designed so that each of its four (4) walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. This requirement is to reduce the possibility of the extrusion bending, twisting or suffering other deformation when stressed.

Does your proposal comply with this requirement?

YES () NO ()

- 5.8.2 To ensure full weld penetration the extrusion shall have a 45 degree "weld bevel" on all four corners of the extrusion. This "weld bevel" can be part of the extrusion design or manually ground off the extrusion prior to assembly. In either case the extrusion's wall thickness shall be a minimum of .125 inch at all surfaces. Extrusions with 90-degree corners are not acceptable.

Does your proposal comply with this requirement?

YES () NO ()

- 5.8.3 Over the floor sub-structure there shall be applied a moisture barrier of .050-inch thick aluminum skin. Over this moisture barrier there shall be a top floor of 3/4 inch 7 ply marine grade plywood. This shall be securely anchored to the moisture shield by 1/4-inch X 2 1/2-inch floor screws. The flooring shall extend the full length and width of the patient compartment or body (including the space under the cabinets).

Does your proposal comply with this requirement?

YES () NO ()

- 5.8.4 There shall be insulation between the aluminum sub floor and the aluminum moisture barrier. This insulation shall meet the requirements of paragraphs 5.17.1, 5.17.2 and 5.17.3 of these specifications.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.8.5 Due to an increased concern over carbon monoxide penetration into the patient compartment, it is imperative that the entire underside of the modular body be sealed. All hollow corner structurals shall be sealed with removable plates screwed to fittings in the vertical extrusion.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.8.6 Floor Coverings and Color. The floor covering shall be Lonseal Lonplate II color; # 421 Mica or equal. Roll up walls 4" on each side.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.9 Stepwell (side door). The curbside door stepwell shall be automatically lit when the side or rear doors are opened. The stepwell shall be finished with highly polished, seamless aluminum diamond plate and be easily cleaned. The stepwell will have two steps. The lower step will be no higher than 18 inches above ground level.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.10 Structural Load Testing. The modular ambulance body as a unit shall be designed and built to provide impact resistance. The body shall be of sufficient strength to support the entire weight of the "fully" loaded vehicle on its top or side if overturned, without crushing, separation of joints, or excessive deformation of roof bows or reinforcements, body parts, doors, floor members, inner linings, outer panels, rub rails or any other structures. As proof that the modular ambulance body meets the above criteria, the Proposer shall furnish along with his proposal certifications from an independent testing laboratory that the body he is proposing meets the Static Load Test Code for Ambulance Body Structure, AMD Standard 001.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.11 There shall be metal tapping plates welded to the body or framing to provide firm securing for installed equipment and devices (cabinets, benches, partitions, cylinders holder(s) etc.). All such equipment and devices shall be bolted in place.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.11.1 In addition to the drip rail found in the roof extrusion there shall be a drip rail provided over each exterior compartment door painted to match body.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.11.2 The vehicle shall be provided with lower body rub rails. The rub rails shall be along the lower edge of the module skirt. They shall be made of aluminum channel with white

reflective tape installed within the channel. These shall provide a pleasing appearance as well as providing impact protection to the lower body area.

Does your proposal comply with this requirement?

YES () NO ()

- 5.12 Body Mounting. The mounting system shall be a uniform load-bearing mount. The mounting system used cannot cause any chassis frame deformation. The modular body shall be attached to the vehicle chassis via a minimum of twelve (12) Lord bushings using hardened steel bolts. These bolts shall carry a manufacturer's strength rating of at least a Grade 8. The manufacturer shall provide nylon washers underneath the screw heads to protect against galvanic corrosion. NO EXCEPTION.

Does your proposal comply with this requirement?

YES () NO ()

- 5.13 Doors. The Patient compartment entry doors for the emergency medical care vehicle's body shall be constructed of an extruded aluminum frame with a 1/8" panel face. These extrusions shall have an alloy and temper strength of 6063-T6 and have a minimum wall thickness of .125 inch. To ensure ease of future replacement a "pan formed" style door is not acceptable.

All exterior compartment doors shall be equipped with AMDOR brand roll-up doors (unless otherwise specified) complete with the following features: aluminum double wall slats with continuous ball & socket hinge joint and recessed slat seal, double wall reinforced bottom panel with stainless steel lift bar latching system, reusable slat shoes with positive snap-in securement, one-piece aluminum door track / side frame, top gutter with non-marring seal, non-marring side seals, bottom seal, with all wear component material to be Type 6 Nylon. Doors shall not be painted, but have a satin finish.

.Does your proposal comply with this requirement?

YES () NO ()

- 5.13.1 The exterior door skin shall have alloy and temper strength of 5052 H32. The interior door skin shall be bright aluminum diamond plate. The overall door thickness shall be at least 2 inches but shall not exceed 2.25 inches. This limit is required to maximize interior compartment depth.

Does your proposal comply with this requirement?

YES () NO ()

- 5.13.2 The emergency medical care vehicle's body shall have a double door opening for access into the patient compartment on the back of the body. These rear doors shall have a clear opening of at least 63 inches high (greater height is desirable) and 43.5 inches wide. These rear doors should be provided with Cast Products "Grabber" door hold opens (or equal). The curbside entry door shall provide an opening of at least 30.5 inches wide x 72 inches high. This door shall be fitted with a dual spring reciprocating hold open/closure device. The push rod of this assembly shall be of stainless steel.

Specify height of door opening. _____ .in

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14 Door Latches, Hinges, and Hardware. When the doors are opened the hinges, latches, and door checks shall not protrude into the access area. All crew compartment doors as well as exterior compartment doors shall employ the same type locking hardware. All door latches, hinges, and hardware shall comply with the requirements of FMVSS 206. Certifications from an independent testing laboratory shall be provided confirming compliance to FMVSS 206. All hardware shall meet the following requirements.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14.1 The locking devices shall be FMVSS approved, two position rotary locks. There shall be two (2) such locks at both top and bottom (when applicable) of each door. These locks shall lock onto a "Nader" type pin with "head" found in the doorframe. This pin shall pass through the doorframe and into a threaded steel receiver assembly. This pin shall be adjustable and both it and its receiver shall be easily removable for replacement. The doorframe shall be milled so that the pin's receiver can be replaced by the removal of only two screws. The locking system shall also permit keyless entry. Install pushbutton next to each outside door that unlocks all cab and compartment doors. Locking systems that do not allow for this feature are not acceptable.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14.2 The door handle shall be a flush "paddle" style handle of highly polished chrome plated steel construction. On the patient compartment rear and side entry doors, the inside handle shall be equipped with an inside door lock. All exterior storage compartments and patient compartment entry doors shall be lockable with the same key. The locking system shall be actuated from the locking handle by adjustable stainless steel push rods. These push rods shall have threaded ends for ease in removable or replacement. Locking systems using cable and pulleys are not acceptable. NO EXCEPTION.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14.3 All exterior rescue body doors shall be equipped with rubber gaskets. The gasket shall be of a dense closed cell type material forming an extruded bulb (hollow) design. This gasket shall fit onto the door frame extrusion and be unbroken around the full perimeter of the opening. Any locking system that allows the locking mechanism to break the gasket integrity is unacceptable. NO EXCEPTIONS.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14.4 PROPOSER; please take special notice to the above-described system. Because of increased safety concern, no other locking system will be acceptable. There shall be provided certifications from an independent testing laboratory that the supplied system has been tested and complies to AMD Standard 002 as required in paragraph 3.10.9 of KKK-A-1822.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14.5 There shall be grab handles provided at the curbside entry opening into the patient compartment. There shall be one (1) on each side mounted vertically inside the opening. These shall be a minimum of 24 inches long. On each rear door, mounted horizontally below the window opening there shall be another grab handle at least 10 inches long. All grab handles shall be so designed as to provide a safe handhold. They shall incorporate a ribbed, non-slip metal surface. The ribs shall be close enough together for a good gripping surface but not so close as to prevent easy cleanup if soiled or bloodied. The grab handle design shall be such that it is impossible for the grab handle to turn in its support bracket. Certifications shall be supplied with the proposal that the grab handles have been tested to and have passed the requirements of Federal Specification KKK-A-1822.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.14.6 The overhead grab rail in the patient compartment shall be of the same design and construction as described above. The grab rail shall run the full length of the patient compartment at its center. The grab rail's support brackets shall fit into a track in the ceiling. This shall be designed to prevent any twisting or loosening of the grab rail. The grab rail shall be recessed into the ceiling. To prevent possible head injuries it shall not protrude into the patient compartment. The recess containing the grab rail shall be 2 inches wider, on one side only, than is required for access to rail. Fastening system must be provided for 2 sections of PVC pipe (10 feet long X 1 inch diameter). (Certifications from an independent testing laboratory shall be provided for compliance to paragraph 3.15.2(C) of KKK-A-1822.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.15 Wheel Housings. There shall be a splash shield between the body wheel housing and the wheel(s) extending over the top of the tires to the bottom of the body side skirting. It shall be constructed of .125"inch aluminum sheet construction and be welded in place. The wheelhouse openings shall allow for easy tire removal and service.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.16 Windows. There shall be at least one (1) sliding window & one (1) fixed window in the curbside patient compartment access door, and one (1) sliding window & one (1) fixed window in each of the rear doors. The window frame shall be of an extruded aluminum design with a protective anodized finish. The curbside & rear windows shall be of the horizontal sliding type with a screen and with a positive locking latch accessible from the inside. These windows shall have a minimum overall dimension necessary to meet the requirements of paragraph 3.10.5 of KKK-A-1822. All three windows will have a "Star of Life" covering the fixed and movable sections of glass. The "Star of Life" decal will permit viewing from the inside to the outside but will not permit viewing from the outside to the inside of the patient compartment.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.17 Insulation. The entire ambulance body around the patient compartment; sides, ends, roof, doors and floor shall be insulated to enhance the environmental criteria specified in paragraphs 3.4.2 and 3.13.1 of Federal specification KKK-A-1822.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.17.1 The second stage manufacturer shall supply an insulating material that is non-flammable with a Class A, Class 1 fire rating. It shall be certified to meet the smoke and flammability requirements of FMVSS 302. Certification from the insulation manufacturer that the insulation meets these requirements shall be furnished with this proposal. Proposals not meeting this requirement cannot be accepted.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.17.2 The insulating material used shall be of a non-settling type. It shall be resistant to fungi and bacteria growth. To eliminate health hazards associated with airborne fibers a composite fibrous material such as fiberglass shall not be used.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.17.3 The insulation material used shall be installed so as to create an unbroken thermal, acoustical and vapor barrier throughout the walls, ceiling and floor of the patient compartment. This barrier shall have a minimum insulation value of R14. All exterior modular body doors, compartment or access, shall be similarly insulated.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.17.4 Sound Deadening Insulation: The patient compartment floor shall have a one quarter inch high-density material laminated to the under surface of the floor, Over top of both wheel wells, and below the curbside entry stepwell. This shall serve as a sound-deadening barrier for the patient compartment.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.18 Interior Surfaces. The interior of the patient's compartment shall be free of all sharp projections. All surfaces shall be seamless and be easily cleaned. Exposed edges and corners shall be broken with a 4" radius.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.18.1 Upholstery. The upholstery shall be seamless and easily cleaned. The material shall be 54-ounce vacuum formable vinyl. The color of the interior shall be chosen by the

City from samples provided by the successful Proposer.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.19 Interior Stowage Accommodations. All interior cabinets shall be fully lined inside with white plastic laminate. Carpet, wood, or other linings are unacceptable. All shelves shall be fabricated of aluminum and shall be no more than ¼” thick with a ½” lip at the front edge. All vertical corners of cabinets, countertops, and wheel wells in action area shall have a minimum radius of 4” for the entire length of the corner as per photo below. As required by this specification, two (2) "D" size drawings of the proposed ambulance design shall be provided with the Proposal Response. Proposals not meeting this requirement cannot be properly evaluated and will not be considered responsive.



The wall panel colors shall be chosen by the City from samples supplied by successful Contractor.

Cabinet "A"

Streetside, rear, above exterior compartment # 3

Restocking door – (2) gas struts – sliding Lexan inside a wooden frame – center latch

One (1) aluminum adjustable shelf.

Cabinet A1

Forward of cabinet "A" above the CPR seat. 10" high X 10" deep X width equal to length of seat.

Doors are sliding Lexan

Cabinet "B"

Streetside forward of Shelf "B" – above forward action area section

Restocking door – (2) gas struts – sliding Lexan inside a wooden frame – center latch

One (1) aluminum adjustable shelf

CPR Seat

CPR Seat shall be equipped with two (2) seat belts.

Storage Area "C"

Streetside below CPR seat. Storage compartment below the seat.

Seats must be equipped with gas type struts to hold open and fastening system to hold closed.

This area setback 6" over the wheel well.

Cabinet "D" – return air cabinet

Streetside forward bulkhead

Door: Solid – vertical hinged – Southco latch – restraint cable

Work Surface

Along front wall of body with raised lip along front. Storage cabinet below with two access doors. Storage cabinet is to have 2 shelves equally spaced. Top surface to be 18" deep, 28" above floor, and width = distance between return air cabinet and inside wall of exterior compartment #6. Material of top surface is to be the same as that used for the work surface in the forward action area.

Cabinet "E"

Curbside above exterior compartment #6 with one shelf and door on rear surface of cabinet. Install 120 VAC outlet in compartment.

Door: Solid – vertical w/hinge curbside – Shall be Southco latch and Medeco Lock

Upper compartment E (area above shelf) to be 11" high X 20" deep X 29" wide

Lower compartment E (area below shelf) to be 8" high X 20" deep X 10" wide with

MEDCO lock. Final measurements and details will be provided during pre-construction review.

Cabinet "F"

Above the entire length of the squad bench (width to be approx. ½ the width of the squad bench). Cabinet to have sliding Lexan doors inside wooden frame. Final measurements and details will be provided during pre-construction review.

Provide door at curbside rear to access forward half of exterior compartment #4 from inside. Door to be hinged at rear, be self-closing, and be sealed like an external door. Door will extend from top of the second shelf to ceiling.

Forward Action Area

Install a stainless steel work surface and back splash. The front edge shall have a lip on the entire length.

5.20 Not used

5.21 Exterior Storage Accommodations. Compartment numbering begins on the street side of the body behind the driver's area.

5.21.1 **Compartment 1** shall have interior dimensions of 84" high x 29 3/4" wide x 22 3/4" deep. This compartment shall contain one aluminum vertical divider with rounded front edge. To the rear of the divider install an oxygen bottle storage rack, Zico model QR-

OTS or equal to the manufacturer's specifications to store one "H" steel cylinder. Mount as low in compartment as possible. Above this storage rack provide a compartment for the storage and securement of three (3) aluminum "D" oxygen cylinders. The area forward of the divider to the front wall will be for backboard storage. The floor of the backboard storage area must be easily cleaned. Backboards must clear under the rollup door. Straps must be provided to secure back boards.

The oxygen compartment shall be designed and function as described in paragraph 3.11.3 of Federal Specification KKK-A-1822. There shall be provided certifications from an independent testing laboratory that the oxygen system has passed the oxygen system pressure test and to AMD Standard 003, Oxygen Tank Retention System. These certifications do not have to be submitted with the proposal but must be provided to the Purchaser prior to delivery of the vehicle.

Does your proposal comply with this requirement?

YES ()

NO ()

5.21.2 **Compartment 2** shall have interior dimensions of 43 1/2" high x 39" wide x 22 3/4" deep. Brackets for a shovel and a bolt cutter will be centered on the upper section of wall # 2. Mounting location of a 20 lb. dry chem. ABC type to be provided during pre-construction review.

Does your proposal comply with this requirement?

YES ()

NO ()

5.21.2.1 **Electrical Compartment** shall have the interior dimension of 39" wide and as high and deep as required to contain necessary electrical equipment. This compartment shall have a hinged, bottom-opening door with gas shocks to hold it open. Door must open in such a way to readily permit servicing.

Does your proposal comply with this requirement?

YES ()

NO ()

5.21.3 **Compartment 3** shall have interior dimensions of 60" high x 43" wide. The depth will be determined by interior dimensional requirements. Wall # 1 shall have brackets for a 30" Haligan pro bar & a pick head axe. Wall # 3 will have brackets for a crow bar and an 8-pound sledgehammer. Three (3) SCBA brackets Zico Model UN-5-30-2-SF with CRS strap shall be mounted on 3/8" aluminum tapping plates. SCBA brackets to be located (2) on opposite corners at a 45-degree angle and (1) bracket centered on the inboard bulkhead. The center of the brackets to be 40" above the floor. Install a "J" hook above each SCBA bracket. Exact locations of these items will be designated at the mid-production meeting.

Does your proposal comply with this requirement?

YES ()

NO ()

5.21.4 **Compartment 4** shall have interior dimensions of 84" high x 18" wide x 22" deep. Outside door opening to be a minimum of 16" wide. Install a vertical divider with rounded front edge 6" from rear of compartment. This space is to be used for backboard storage. The front section of compartment shall have an aluminum shelf permanently attached at 40" up from floor. There shall be two (2) adjustable shelves in

the area above the permanent shelf.

Does your proposal comply with this requirement?

YES () NO ()

5.21.5 **Compartment 5** shall have maximum dimensions allowed being positioned between compartment 4 and the rear of the curb side wheel well and below the squad bench.

Does your proposal comply with this requirement?

YES () NO ()

5.21.6 **Compartment 6** shall have interior dimensions of 30" wide X 22 3/4" deep Height will be determined by dimensions of Cabinet "E" inside the body. Three (3) adjustable shelves, and one (1) fixed shelf shall be installed in this compartment. There shall be no electrical components mounted in this compartment except one (1) 110 VAC shore power outlet with "power on" indicator light mounted near the top of the compartment on the back wall.

Does your proposal comply with this requirement?

YES () NO ()

5.21.7 The exterior compartments shall be lockable with one key fitting all. They shall be equipped with the handle and door locks as described in paragraph 5.14. Each exterior compartment shall be automatically lighted when the door is opened and shall activate the "compartment door" open warning light on the driver's console.

Does your proposal comply with this requirement?

YES () NO ()

5.21.8 The exterior compartments shall be formed of .125-inch thick aluminum. Diamond plate shall not be used in compartments. Compartment interiors shall have a "spackle" painted finish. They shall be of all welded construction. They shall be welded the full length of their seams and be completely water tight. "Spot" welded seams are not acceptable. The floor of the exterior compartments shall be of the "sweep out" or flush style. Compartments that have a "lip" at the floor line are not acceptable.

Does your proposal comply with this requirement?

YES () NO ()

5.21.9 The exterior compartments and curbside entry stepwell shall incorporate supports underneath their floors for additional strength. These floor supports shall be placed on an average of 12-inch centers. These structural members shall be 2" X 2" extruded tubing with a minimum wall thickness of .125 inches. The extrusion shall be designed so that each of its four (4) walls incorporates an integral wall gusset of at least .125 inch high and .125 inch wide running the entire length of the extrusion. These supports shall run from the outside body side frame under the compartment floor and up to the floor sub-assembly.

Does your proposal comply with this requirement?

YES () NO ()

- 5.21.10 Compartment Vent System. All exterior compartments shall vent. The vents will be installed in the lower walls of the compartment. Vents shall have a rubber baffle to prevent dust and dirt from entering. Baffles will have a metal grate cover. The compartment size will determine the number of vents needed.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.21.11 Floor & Shelf Decking. All exterior compartments floors shall be covered with black Turtle Tile. The forward edge in the compartment opening will have a beveled edge attached to the Premier Tile. All shelves in the exterior compartments will have a black ribbed rubber lining.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.22 Adjustable Shelf Track. Wherever there is a requirement for adjustable shelves, trays, tool boards, etc. in an exterior compartment the Proposer shall supply Uni-Strut brand track insulated to protect it against galvanic corrosion. This track shall be unpainted, galvanized steel. Painted steel track is not acceptable. Aluminum Uni-Strut is not acceptable. The City requires very heavy loads on its shelves and trays. Because of this a soft metal like aluminum is not acceptable for the track. The shelf track shall be fastened through the compartment wall skin and into the above-described extrusions. Since this material is available to all Proposers there shall be NO EXCEPTIONS this requirement.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.22.1 Exterior Compartment Fixtures. For descriptive purposes the following requirements apply where said fixtures are required in an exterior compartment by this specification:

- 5.22.2 Shelf. Unless specified otherwise a shelf shall be made of .125" thick smooth aluminum plate. The front edge of the shelf shall have sidewalls of 1.5" high. If required to be adjustable the shelf shall have the necessary hardware installed to fit the specified Uni-Strut track required. The shelf shall be rated to support 250 pounds.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.22.3 Exterior Compartment Lighting. Each exterior compartment shall be equipped with Truck-Lite #402033 clear lights to illuminate every area of the compartment.

Does your proposal comply with this requirement?

YES ()

No ()

- 5.22.4 When the compartment is opened these lights shall be automatically lighted. To prevent unnecessary power drain the ambulance's electrical system shall be so designed that only the light in the compartment that is opened shall light. Systems that activate lights in compartments that are closed are not acceptable. NO EXCEPTION.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.23 Action Area Storage Compartments and Cabinet Design. Storage cabinets, drawers, and kits shall be easily opened, but shall not come open in transit. Where specified the storage cabinets shall have shatterproof Lexan doors set in an extruded anodized aluminum frame. This frame will incorporate a replaceable track section. The aluminum frame shall be surrounded by a wooden frame where space permits. The Lexan used in these compartments shall be at least 3/16 inch thick.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.23.1 Where Lexan sliding compartments are utilized the outer frame of the compartment shall be hinged. This hinge shall allow the entire face of the compartment to swing upwards for full access into the compartment. The compartment face shall have a holding device to keep the compartment face closed unless manually opened.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.23.2 The cabinets shall be either 3/4 or 1/2-inch Birch or AC Fir grade plywood and shall be covered on all surfaces and edges with a high-grade plastic laminate. The City shall choose the color scheme from samples supplied by the successful Proposer. Fiberglass, metal, plastic, or particleboard cabinet construction shall be unacceptable. These cabinets shall be firmly anchored (bolted) to the mounting plates found in the ambulance body structure. Shelves shall be .125" aluminum with 1/2 " lip on front edge.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.23.3 Under the front area of the squad bench there shall be containers for the disposal of infectious waste materials. This shall include a "sharps" type container for needles and syringes. An infectious waste container shall also be supplied. The container used shall be designed to allow removal of its trash bag from the curbside door entrance. Both containers must be mounted to the inboard side of a tilt out type door. The door must also use a cable to limit the opening of the front door and feature a positive latching device that will prevent spillage of the container contents in the event of an accident or vehicle rollover.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.23.4 On the lower interior surface of the curbside patient module entry door a twenty-eight (28) quart wastebasket shall be installed. A stainless steel bracket of rod stock will hold the wastebasket as per photos below and not interfere with the opening of cabinet door just forward of the door when the door is closed.



Does your proposal comply with this requirement?
 YES () NO ()

5.24 Squad Bench, Seats and Backrests. Shall be as specified in paragraph 3.11.4 page 34 of Federal Specification KKK-A-1822. There shall be two-(2) gas strut “hold open” devices for the squad bench lid. The face of the bench shall be set back four (4) inches over the wheel well. The set back section shall be 73 inches long.

Does your proposal comply with this requirement?
 YES () NO ()

5.24.1 The squad bench shall be equipped with a locking device. This device shall secure the squad bench lid to prevent accidental opening during a roll over. The locking device shall automatically secure the lid upon closing without any additional action by the unit's personnel. Provide storage under bench with all available space.

Does your proposal comply with this requirement?
 YES () NO ()

5.24.2 Deceleration Barrier. A nylon net shall be located at the forward end of the squad bench to restrain personnel seated on the bench in the event of sudden vehicle deceleration.



Does your proposal comply with this requirement?
 YES () NO ()

5.25 Seat Safety Belts and Anchorages. Shall be as specified in paragraph 3.11.5 of Federal Specification KKK-A-1822. The seat belt retractors used in the patient compartment shall be of the “inertial reel” type. They shall be installed so that routine cleaning and maintenance is easily accomplished. The seat belts for the squad bench shall have both the retractor and the receiver vertically mounted to eliminate loose components interfering with cleaning. There shall be provided certifications from an independent testing laboratory that the seat belt system has been tested and complies with this requirement. These certifications do not have to be submitted with the proposal but must be provided to the Purchaser prior to acceptance of the vehicle.

Does your proposal comply with this requirement?
 YES () NO ()

5.26 Stretcher Fasteners and Anchorages. To be as specified in paragraph 3.11.6 of Federal Specification KKK-A-1822. A Ferno Washington Model 175-4 dual position cot fastening system shall be installed. The stretcher fastener shall be setup for a Ferno Washington Model 93P cot.

Does your proposal comply with this requirement?
 YES () NO ()

5.27 Patient Restraints. Shall be as specified in paragraph 3.11.5 of Federal Specification KKK-A-1822.

Does your proposal comply with this requirement?
 YES () NO ()

- 5.28 IV Holders for Intravenous Fluid Containers. Shall be as specified in paragraph 3.11.7 of Federal Specification KKK-A-1822. Two (2) Cast Products Model A2014 flush mounted IV hangers shall be provided.

Does your proposal comply with this requirement?

YES () NO ()

- 5.29 Oxygen, Main Supply and Installation. The ambulance shall have a hospital type piped oxygen system capable of storing and supplying a minimum of 7,000 liters of medical oxygen. The cylinder controls shall be accessible from inside the patient compartment. The oxygen cylinder pressure gauge shall be visible from either the attendant's seat or from the squad bench. The oxygen shall be piped to three (3) self-sealing Ohio adaptable oxygen outlets. One (1) shall located in the action area, and one (1) on the wall at the forward end of the squad bench, and one (1) in the ceiling above the head of the stretcher. The cylinder pressure shall be displayed in the action wall area via a pressure transducer at the oxygen regulator.

Does your proposal comply with this requirement?

YES () NO ()

- 5.30 In the action area next to the oxygen outlets there shall be installed an oxygen system line pressure gauge. This gauge shall read the outlet pressure "in line" between the cylinder pressure regulator and the oxygen outlets. This gauge shall be labeled OXYGEN LINE PRESSURE.

Does your proposal comply with this requirement?

YES () NO ()

- 5.31 Suction Aspirator, Primary Patient. The ambulance shall be supplied with a Laerdal LSU self-contained unit. NO EXCEPTIONS.

Does your proposal comply with this requirement?

YES () NO ()

- 5.32 Environmental Systems. The vehicle shall be equipped with a complete climate environmental system, to supply and maintain clean air conditions and a comfortable level of inside temperature in both driver and patient compartments. The various systems for heating, ventilating, and air conditioning may be separate or combination systems, and shall permit independent control of the environment in each compartment. The ambulance shall be equipped with heating, ventilating, and air conditioning systems that can be made to collectively operate using re-circulated air and ambient air and shall be capable of maintaining interior temperature within the established comfort zone of 68 degrees Fahrenheit, to 78 degrees Fahrenheit, when operated between 20 degrees and 95 degrees Fahrenheit ambient. The air systems shall be high volume capacity with low velocity delivery for minimum draft circulation while providing a positive pressure within each closed compartment and utilize a HEPA filter. Positive pressure may be attained through the fresh air ventilation system either apart from, or as an integral part of either the air conditioning system, or in combination with any of all three. Environmental system components shall be readily accessible for servicing at the installed location(s). Connecting hoses for heating and the air conditioning system shall be supported by rubber-insulated metal clamping devices at least every 12 inches. The driver and patient compartment environments shall not in any way be dependent upon each other.

Does your proposal comply with this requirement?

YES () NO ()

- 5.33 Driver's Compartment Environmental Equipment. The driver's compartment shall be furnished with a hot water, fresh air, high capacity, heavy-duty heater, with dual defrosters, and dehumidifying air condition system. Systems shall provide outside air and variable mixtures as desired, circulating conditioned air through the compartment in compliance with the environmental criteria specified herein.

Does your proposal comply with this requirement?

YES () NO ()

- 5.34 Patient Compartment Environmental Equipment. The patient compartment shall be heated, ventilated, and air-conditioned to comply with the criteria specified herein. The airflow selector switch shall provide a high, medium and low setting. This switch shall be a common switch for both the heater and the air conditioner. These environmental control switches shall be immediately accessible to the attendant while seated in the primary attendant seat located at the head of the primary patient. Systems that require the attendant to leave this seat or unbuckle the seat belt are unsafe and therefore not acceptable.

Does your proposal comply with this requirement?

YES () NO ()

- 5.35 Air Conditioning System Shall Consist Of: A Red Dot 110 VAC/12 VDC Combo Unit or equal. The unit shall have a bottom mount condenser, and a wedge mounted top mounted condenser. A thermostat shall be provided in the rear patient compartment. An ultraviolet air purification system shall be installed.

Does your proposal comply with this requirement?

YES () NO ()

- 5.35.1 Secondary Compressor. A second engine driven air conditioning compressor shall be provided. This compressor shall function with the patient compartment system.

Does your proposal comply with this requirement?

YES () NO ()

- 5.35.2 The patient compartment's air conditioning shall be distributed throughout the compartment via a central discharge point. The high volume, low velocity discharge shall be located on the center upper forward bulkhead.

Does your proposal comply with this requirement?

YES () NO ()

- 5.38 Communications Equipment shall meet the requirements of paragraph 3.14.1 of Federal Specification KKK-A-1822.

Ambulance/Rescue Truck Communications Specification

Ambulance or Rescue Trucks utilize multiple radios to effect communications. The primary radio is a Motorola XTL5000 series remote mount 35 watt 800 MHz dual head

radio. This radio shall be installed to permit operation from two locations – the cab by either driver or passenger and in the patient compartment by the attendant. Note that power is required at both control head locations as well as the transceiver mounting location. This radio shall be interconnected to the Sigtronics US-67S Radio/Intercom system provided by the successful bidder to permit radio operation while using the headsets.

The second radio is a Motorola XTL5000 series remote mount 100 watt 380-470MHz UHF single head radio. The control head for this radio shall be mounted in the patient compartment above the control head of the 800MHz radio. This radio is to be utilized by the attendant while in the patient compartment. This radio does not need to be interconnected to the Sigtronics Radio/Intercom system.

The third radio is a Motorola VRM850 remote mount 40 watt 450-512 MHz Vehicle Radio Modem. A Trimble Placer 450 GPS receiver is also utilized in conjunction with the VRM to provide Automatic Vehicle Location data to the Dispatch Center. The GPS/VRM equipment shall be mounted near the location of the UHF and 800 MHz transceivers. The Placer 450 shall be mounted within the limits of the 14 inch interconnect cable that runs between the VRM and the GPS receiver. *These have no user controls and are not desired to be accessible to the occupants for normal operation.*

Each vehicle utilizes a GPS based traffic signal preemption system that requires power at the center front of the cab and at a location near the VRM for a 3M Opticom GPS Priority Control System. There are two boxes for this system, the controller and the radio/GPS unit. In addition, a special antenna is used to receive the GPS signals and to transmit to the intersection equipment. This antenna is typically mounted on the front center of the cab roof. It requires a 24-inch clearance to other antennas or obstructions. Additional information and the installation instructions are located on the 3M web site;

<http://multimedia.3m.com/mws/mediawebserver?66666UuZjcFSLXTtMXfyIx&EEVuQEcuZgVs6EVs6E666666-->

Please review this information to insure a location is reserved that is suitable for the control unit as it has special and unusual mounting requirements. It must be level within 15 degrees to allow the internal compass to function, and it must be visible to and accessible by the driver. The power circuits for these devices shall be fused at 5 amps and fed with minimum 16-gauge wire. It is imperative that the vehicle supplier provides the vehicle sensing connections for left turn signal, right turn signal, lightbar/siren activation and a sense disable as described in the referenced manual. These connections shall be brought out to the control unit mounting location and identified with written tags as to function.

Mounting space and vehicle sensing connections shall be allocated and reserved for these units by the vehicle supplier with provision and installation of the Traffic Preemption Device hardware provided by others.

A Sigtronics US-67S UltraSound Intercom for single radio shall be installed using SE-40RPTT headsets. SE-40RPTT headsets have the Push-To-Talk switch located on the headset earcup. Headset jacks shall be installed at the driver position behind and inboard of his head, front seat passenger position behind and inboard of his head and in the patient compartment near the radio control heads. All wiring for the headset jacks, the jacks, and the interconnection to the 800 MHz XTL5000 radio 05 control head shall

be provided as part of this installation. A headset shall be provided for each of the installed jacks.

The successful bidder shall provide and install one (1) XTL5000 Single Head UHF radio, one (1) XTL5000 Remote Mount Dual Head 800 MHz mobile and two (2) 800 MHz XTS5000 Portable radios for each Ambulance or Rescue Truck. One Sigtronics US-67S UltraSound single radio headset system shall be provided and installed with three (3) headsets and jacks. Fully independent transmit jacks shall be located for the driver, front seat passenger and in the patient compartment near the radio control heads. These three (3) jacks and headsets shall have the radio transmit button located on the SE-40RPTT headset, not as a remotely located button. One (1) spare SE-40RPTT headset shall be provided.

General Installation Standards

All work shall be performed in accordance with City specifications and standards, Motorola's, or the applicable product manufacturer's specifications, Federal Specification KKK-A-1822 and accepted industry practices. Specific installation requirements detailed in this RFP shall be adhered to.

Installations are to be neat with all wiring dressed and tie-wrapped away from operating controls of the vehicle. Appropriate service loops are to be provided in the cables to allow for easy service of the radio and or control head. Tape is not to be used in place of tie-wraps. Radio control cables shall be installed in a manner to permit their removal without requiring the vehicle be disassembled, cutting of the cables, or removing factory-installed connectors. Radio and Sigtronics wiring shall not be bundled with other vehicle wiring. Strobe and siren wiring shall be kept separate from any radio wiring.

All radio transceivers shall be mounted in the same area. Layout shall permit easy access to perform service. Cables shall have sufficient slack to permit removal of the radio while still connected to the control cable, power cable and antenna cable. All antenna cables shall be marked as to their function, i.e. UHF VRM, UHF VOICE, 800 VOICE and GPS. The two UHF antennas are NOT interchangeable.

Radio grounds shall be isolated from local ground sources, be run from a common ground point at the battery, and dedicated to radios only. Ground for the siren shall be a separate wire run from the battery common ground point. Strobe lighting power pack power and ground leads shall be isolated from radio power and ground sources and be a twisted pair shielded cable to minimize noise coupling to other wiring. The shield of this pair shall be connected to ground ONLY at the strobe power supply end. All equipment shall be installed in a manner to permit easy removal for service. Cables shall have a service loop to permit the electronic device to be removed from mounting brackets for in vehicle maintenance.

Antenna cables shall not be spliced. An antenna mount with the appropriate length of cable attached shall be installed for each mobile radio required and for the VRM. Mounts shall be solid brass "NMO" ¾" hole style manufactured by Motorola, Antenex, Maxrad or Larson. **Steel, or chrome-plated steel antenna mounts are not acceptable.** The mount shall be removable from the outside of the vehicle to permit service of the mount and cable. There shall be an eight (8) inch service loop at each mount to permit mount removal and maintenance or replacement.

Diamond plate roof decks shall have a three and one half (3-1/2) inch diameter hole cutout at each antenna mount location. A four (4) inch diameter smooth disk of .0508 inch thick (16 ga) aluminum plate with a 3/4" centered hole for the antenna mount shall be centered over the 3-1/2" hole and welded on the outside of the roof. The weld fillet shall completely seal the junction between the circumference of the disk and the diamond plate insuring no water intrusion and RF continuity to the remaining roof deck. Adhesives shall not be substituted for the continuous weld. This disk shall not be installed on the inside of the roof deck. There shall be no depression that will hold water created by this installation.

Antennas shall be located as close as practical to the radio T/R mounting location to reduce the loss in the cable. If the distance exceeds 20 feet, a low loss cable shall be utilized in place of the RG58/U. Antennas shall not be installed closer than 24 inches from each other or within 17 inches of an obstruction or edge of the roof panel. Antenna mount gaskets shall be installed with a silicone grease to insure a watertight seal.

Contractor shall not use RTV or other silicone sealants on antenna mounts. Coax cables shall not be kinked, pinched or tied tightly with cable ties causing distortion of the cable dimensions. Coax cables shall not be run in close proximity to strobe wiring or other wiring that may affect, or be affected by, the radio frequency energy in the coax.

The VRM requires a ¼ wave 460-475MHz antenna. The UHF XTL5000 ships with a special wideband antenna. The 700/800 MHz XTL5000 ships with the appropriate antenna. All antenna mounts shall be installed in a manner to permit easy service from outside the vehicle. All antenna cables shall be labeled by permanent marking at the connector/radio end to identify the antenna they are connected to.

Contact the Fort Lauderdale City Radio Shop, (954) 828-5762, to confirm appropriate components prior to installation.

Radio Equipment

The radio equipment shall be provided by the successful bidder and shall consist of the radios specified for the apparatus. Equipment for ambulances/rescue trucks is different than the equipment specified for an engine. The vendor shall provide ALL options and items specified in the equipment list. Failure to provide the Motorola extended warranty will result in a \$1500.00 charge back to the vendor for each radio where this option is absent. Substitution is not permitted without the express written approval of the City's Telecommunications Section Radio Shop. All radio equipment orders shall be coordinated through Gary Gray, Assistant Telecommunications Manager. He may be contacted at (954) 828-5762 or via e-mail at ggray@fortlauderdale.gov.

The City is eligible for significant discounts from Motorola that are not normally available to private companies. The City has an arrangement with Motorola to permit the successful bidder to obtain equipment at the same discount level as we receive. Equipment ordered under this arrangement shall only be utilized for the City of Fort Lauderdale. The City expects to receive the discounted price from the successful bidder without a mark-up. Price adjustments may be made from time to time as Motorola changes their cost to us. Any changes to the radio equipment models or pricing shall require the approval of the Assistant Telecommunications Manager.

Equipment shall be ordered as specified. Original invoices and packing lists and any included instruction and/or installation manuals shall be sent directly to the City Radio Shop. Copies are not acceptable. Any unused installation hardware, mounting brackets, cables, plugs, buttons, and connectors shall be sent directly to the City Radio Shop. The United States Postal Service cannot deliver to this address. UPS or FedEx are able to deliver to us (although the address will not verify since the USPS doesn't list us) at:

City of Fort Lauderdale Radio Shop
 ATTN: Gary Gray
 1301 SW 2nd Ct Bldg 5
 Fort Lauderdale, FL 33312

The City's Motorola Sales contacts are:

Motorola Inc.
 Steve Wurster
 789 International Parkway Bldg A
 Sunrise FL 33323
 (954) 723-8927
 e-mail: c10208@email.mot.com

Jonathan Franklin for Motorola, Inc.,
 Broward County Manufacturer's Rep
 President, Signal Communications, LLC
 6555 NW 9th Ave., Suite 108
 Fort Lauderdale, FL 33309
 (954) 493-6407
 e-mail: sales@signalcommunications.com

Radio Ordering Specifications

1) XTL5000 Dual Head Remote Mount 800 MHz

M20URS9PW1_N/G806/G51/G361/G67/G442/G444/G892/W432/G628/GA00092/G442/G610/W432/G892/G24/W484/G799

10-35 Watt 764-870 MHz Radio
 Digital Operation
 SmartZone Operation
 P25 Trunked Operation
 Remote Mount
 05 Control Head
 Control Head Firmware – 05
 Palm Microphone – Front
 10-Watt Front Speaker
 17' Front Head Cable
 Dual Head Hardware
 Rear 05 Control Head
 Rear 30' Cable
 Rear Head 10-Watt Speaker
 Rear Head Microphone
 2-year Express Service Plus
 764-870 MHz 3dB Gain Antenna
 Printed Test Results

2) XTL5000 Single Head UHF**M20QTS9PW1_N/G241/G48/G442/G444/G67/G431/W20/W432/G24/G799**

25-110 Watt 380-470 MHz UHF Radio
Analog Operation
Conventional Operation
05 Control Head
Control Head Software For 05 Head
Thumbscrew Remote Mount
Wideband Antenna – 380-470MHz
Keypad Palm Microphone
Speaker - 10-Watt Audio
2-Year Express Service Plus
Printed Test Results

3) XTS5000 Portable**H18UCF9PW6_N/Q806/H38/Q361/Q44/Q696/Q42/Q768/H499/H885/H799/NMN6193**

3 watt 700/800 MHz Band 3x2 Keypad Portable Radio
Digital Operation
SmartZone Operation
P25 Trunked Operation
External RF Switch
700/800 Antenna
3000 MAH FM Approved Battery
Alternate Display Label
Ruggedized Housing
2-year Express Service Plus
Printed Test Results
Operator Manual on CD
Standard Speaker/Microphone

4) VRM 850 Vehicular Radio Modem**F4451/HAE4004A/FKN4367/FKN4520**

VRM 850 Vehicular Radio Modem, UHF 450-512 40 watt
470-512 MHZ 1/4 wave antenna with mount and cable, Mini-UHF
DTE Cable, 20 ft DB9 M-F
VRM-Trimble Cable, 14 Inch DB9 M-F

5) Trimble Placer 450 GPS Receiver

Placer 450 P/N 30838-90
Antenna Bundle w/5 Meter Cable P/N 32455-00

OPTION - IF NEEDED (Replaces Antenna Bundle Items)**7 Meter Cable Option P/N 37280****REQUIRES Antenna P/N 57860-70**

First two items are the standard installation of the Placer 450 and "hockey puck" antenna. Includes power cables, antenna and antenna cable. If a 5 meter antenna cable is too short, the 7 meter cable and antenna can be substituted for and replace the Antenna Bundle. Do not use the longer cable option unless it is REQUIRED due to installation considerations. Antenna cable must be a factory provided cable.

e-mail bob_burns@trimble.com.

Additional information on the Trimble Placer 450 GPS receiver may be found at:
<http://trl.trimble.com/docushare/dsweb/Get/Document-8137/pla-Inst&OpsManual.pdf>

6) Sigtronics Ultra-Sound Intercom**US-67S UltraSound Intercom System Quantity of one****TBD Mobile Radio Adaptor - Quantity of one****SE-40RPTT Headset - Quantity of three installed and one spare**

When ordering the Sigtronics UltraSound, advise the supplier that you need to use the four-contact jacks that work with the SE-40RPTT headsets.

A dual head 800 MHz Motorola XTL5000 radio shall be installed in truck cab to be accessible by both driver and front seat passenger. One head will be installed in the patient compartment to be accessible to the attendant while working on the patient. The radio T/R pack shall be installed in an air-conditioned compartment or behind the passenger seat. A Motorola XTL5000 100 watt UHF 380-470MHz remote mount conventional radio shall be installed next to the 800 MHz radio T/R pack. The head for this UHF radio shall be mounted in the patient compartment above the head for the 800 MHz radio. The antenna for this radio shall be a wideband type with a frequency coverage of 406 - 470 MHz with less than 2:1 VSWR over the entire range. A simple quarter wave antenna will not meet the wideband requirements for this radio. A third radio used for mobile data will be installed by the City after the vehicle is delivered. This radio requires a 1/4 wave UHF antenna with 460-470MHz frequency coverage. The three antennas shall be mounted thru the cab roof or patient compartment roof, and terminate behind passenger front seat or at the radio mounting location. Each antenna cable shall be marked as to the antenna it connects to. The antennas shall not be any closer than 24 inches to each other or to the edge of the vehicle. The radio T/R pack shall be installed behind the cab seat also. Power shall be supplied for each radio by separate 30 amp circuits for each of the three radios.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.39 **Siren - Public Address System.** The ambulance shall be equipped with a Whelen 295HFS2 electronic siren. The siren keypad shall be located in the truck cab overhead center panel. This siren shall have a built in silent speaker test mode. The speaker

system shall be two (2) Whelen SA122ALB speakers installed in the ends of the vehicle's front bumper. There is to be no exception to this requirement as this product is available to all proposers. The system as installed shall meet the minimum requirements of paragraph 3.14.4, page 38 of Federal Specification KKK-A-1822.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.40 Air Horn System. The ambulance shall be equipped with two (2) Grover Model # 1510 emergency stutter tone air horns. The horns will be mounted on each side of the engine cowling. Two (2) floor mounted Linemaster # 491 switches will activate the horns. When the cab doors are opened the air horns shall be deactivated.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.41 Intercom System. Install and interface with radio a Sigtronics Emergency Vehicle Intercom System. System to have four positions, headsets, exterior jacks, and interface with a Motorola XTL 5000 radio. Equipment mounting locations will be defined at pre-construction meeting.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.42 Camera System. Install a Intec Car Vision System with two CVC111 cameras with stainless steel mounts and a CVM680LCD monitor or equal. Camera #1 (Exterior); located on upper rear center on exterior module. Camera #2 located on the rear interior door header facing forward. Camera #1 will operate when the vehicle is in reverse. Camera #2 will operate at all other times.

Does your proposal comply with this requirement?

YES ()

NO ()

- 5.43 On-board Computer System. Install **Road Safety RS-3000** on-board computer system. Provide sensors to record vehicle speed, engine speed, miles driven, emergency lights on, seat belt usage, acceleration/deceleration rates, and vehicle "g" force loading. System must be capable of recording the above data for each individual driver.

Does your proposal comply with this requirement?

YES ()

NO ()

6.0 ADDITIONAL SYSTEMS, EQUIPMENT, ACCESSORIES, AND SUPPLIES.

- 6.1 Standard Mandatory Miscellaneous Equipment. Unless otherwise precluded elsewhere in this specification, the ambulance shall be equipped with but not limited to the following:

- 6.1.1 Fire Extinguisher: Two (2) ABC dry chemical multi-purpose, minimum 5 lb. unit in a quick-release bracket and one (1) 20 lb. ABC dry chemical multi-purpose in a quick release bracket. This extinguisher shall be shipped loose with the vehicle unless mounting instructions are provided by the City during the pre-construction meeting.

Does your proposal comply with this requirement?

YES ()

NO ()

- 6.1.2 The “second stage” manufacturer shall supply the weight-rating nameplate as required by NFPA 1901, paragraph 12.1.3. In addition the Proposer shall include in the Delivery Manual a certified weight scale receipt showing the final finished weight of the vehicle and its “permanent” equipment as specified in this specification.

Does your proposal comply with this requirement?

YES ()

NO ()

- 6.1.3 Backup alert alarm. Audible warning device activated when the vehicle is shifted into and/or moving in reverse. This alarm shall meet the requirements of NFPA 1901, paragraph 12.1.3.

Does your proposal comply with this requirement?

YES ()

NO ()

- 6.1.4 Markings, Data Plates, Warranty Notice, Etc. The “second stage” (Final) manufacturer's caution plates and identification plates shall be conspicuously installed for all equipment furnished requiring such notices.

Does your proposal comply with this requirement?

YES ()

NO ()

- 6.1.5 Keys. Six (6) complete sets of chassis, compartment, module entry, Medeco, and cabinet shall be provided. Medeco magnetic cards shall be provided.

Does your proposal comply with this requirement?

YES ()

NO ()

- 6.1.6 Stretcher. Ferno Washington Model 93P stretcher with IV pole and equipment tray.

Does your proposal comply with this requirement?

YES ()

NO ()

- 6.1.7 Clearance Warning. Install two (2) plastic plates that read: “CAUTION CLEARANCE HEIGHT ‘AMH’”, where ‘AMH’ = actual measured height of vehicle in feet and inches.

- 6.1.8 Refrigerator – interior compartment, for medications requiring temperature controlled environment.

7.0 PREPARATION FOR PAINTING, COLOR, AND MARKINGS.

- 7.1 Color, Paint, and Finish. As required in paragraph 6-3.1 of NFPA 1901 and paragraph 3.16.1 of KKK-A-1822 the ambulance shall have all exposed metal surfaces that are not chrome plated, stainless steel or bright polished aluminum diamond plate thoroughly cleaned, prepared and painted in the colors required by this specification.

Does your proposal comply with this requirement?

YES ()

NO ()

- 7.1.2 The exterior body paint and priming components to be used are those customarily used

by second stage manufacturer and approved of by the City. The second stage manufacturer's painted components shall have paint film not less than 1.25 mils thick and a minimum total thickness of 4 mils, including primers. The final film of painted surfaces shall be smooth and uniform, free of grit, metal shavings, streaks, blushing, runs, sagging, blisters, "fish-eyes", "orange peel", pinholes, or other surface irregularities. The color selected will exactly match the color of truck cab and will have been pre-approved by the City.

Does your proposal comply with this requirement?

YES () NO ()

- 7.1.3 The painted exterior sheet metal of the rescue body shall be capable of withstanding 250 hours of salt spray tested in accordance with ASTM B 117-64. The specimen used for the salt spray test shall be run through all steps of the cleaning and treating process, including priming. The painted specimen shall be scored from corner to corner using a sharp knife. After the test, the specimen panels shall exhibit no failure and not more than 1/8 inch rust or blister creepage from the scored lines. The Proposer shall submit certifications from an independent testing laboratory that the "second stage" manufacturer product being proposed has been tested for compliance and does comply with this requirement.

Does your proposal comply with this requirement?

YES () NO ()

- 7.1.4 Exterior Compartment Interior Finish. >> Modular Body << The interior surfaces of the exterior compartments shall be painted with spatter paint.

Does your proposal comply with this requirement?

YES () NO ()

- 7.1.5 Paint Color and Design. The design shall match existing vehicles in The City's fleet.
Cab Color A: OEM White on roof
Cab Color B: OEM fire truck red
Chassis Color: Black

Does your proposal comply with this requirement?

YES () NO ()

- 7.1.6 Emblems and Markings. The ambulance shall be lettered and striped to match the existing vehicles in City's fleet. Material shall be 3M reflective Material. Proposers should be familiar with the special graphics requirements of this proposal. No seams or splices permitted on large flat surfaces. Tape striping and pin striping must be continuous on the larger surface areas.

1. Front: "FIRE RESCUE" on engine cowling
2. Sides: "FORT LAUDERDALE" – "FIRE" – "RESCUE" – full length white stripe with a large "QRS" complex in the center – "PARAMEDICS" – 16" star of Life
3. Rear: "FORT LAUDERDALE" - "FIRE RESCUE" – "PARAMEDIC" – white stripe
4. Roof: "FTLFR" – 32" Star of Life
5. Rear Windows: Star of Life, see-through from inside and opaque from outside.
6. Drop In Number Plates: Painted to match body – 12" wide X 11" high – three (3) each – locations to be determined at preconstruction

Does your proposal comply with this requirement?

YES () NO ()

8.0 QUALITY ASSURANCE PROVISIONS.

8.1 Workmanship. Defective components shall not be furnished. Parts, equipment, and assemblies, which have been repaired or modified shall not be furnished without the written approval of the City. Welded, bolted, and riveted construction utilized shall be in accordance with the accepted standards of the industry. Component parts and units shall be manufactured to definite standard dimensions with proper fits, clearances, and uniformity. The general appearance of the vehicle shall not show any evidence of poor workmanship.

Does your proposal comply with this requirement?

YES () NO ()

8.1.2 The following shall be cause for vehicle rejection at time of delivery:

1. Rough, sharp, or unfinished edges, burrs, seams, sharp corners, joints, cracks, and dents.
2. Non-uniform panels. Edges that are not radiused, beveled, etc.
3. Paint runs, sags, orange peel, "fish eyes", etc., in addition to items listed in paragraph 7.1.2 of this specification and any other imperfection or lack of complete coverage.
4. Body panels that are uneven, unsealed, or contain voids.
5. Misalignment of body fasteners, glass, viewing panels, light housings, other items with large or uneven gaps, spacing, etc., such as door, body panels, and hinged panels.
6. Improper body design or interface with the chassis that could cause injury during normal use or maintenance.
7. Improperly fabricated and routed wiring or harnesses.
8. Improperly supported or secured hoses, wires, wiring harnesses, mechanical controls, etc.
9. Loose, vibrating, abrading body parts, components, subassemblies, hoses, wiring harnesses or trim.
10. Interference of chassis components, body parts, doors, etc.
11. Leaks of any fuel, vacuum, or fluid lines, (AC, coolant, oil, air, etc.)
12. Noise, panel vibrations, etc.
13. Sagging, non-form fitting upholstery or padding.
14. Incomplete or incorrect application of undercoating or rustproofing.
15. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction.
16. Incomplete or improper welding.
17. Visual deformities.
18. Lack of uniformity and symmetry where applicable.
19. Unsealed appurtenances or other body components, gaskets, etc.

In addition, any deviation from the requirements of this specification, unless previously approved by the City, that affects form, fit, function, durability, reliability, safety, performance or appearance shall be cause for rejection.

8.2 Responsibility for Inspection and Tests. The Proposer is responsible for the performance of all inspections and test requirements specified herein. The Proposer

may use his own or any other facilities suitable for the pre-delivery and acceptance inspections unless disapproved by the City. The City reserves the right to perform any of the inspections and tests set forth in this specification where such inspections are deemed necessary to assure supplies and service conform to the specification and contract. The Proposer shall provide City's inspection representatives with instruments and all such assistance as they may find necessary.

Does your proposal comply with this requirement?

YES () NO ()

9.0 OPTIONS. Quote each separately

9.1 Single vertical exhaust behind cab \$ _____

9.2 Precision Cab Mount for Panasonic Tough Book CF-30FASAZAM with related hardware required for wiring the mount. \$ _____

9.3 Panasonic Tough Book CF-30FASAZAM \$ _____

9.4 Protection Plus insurance CF-SVCLTNF3Y \$ _____

9.5 Power Lift Stretcher
 Make: _____ Model: _____ \$ _____

9.6 Sentralok System
 Sentralok Decoders #3901
 Mounting Brackets #2695/2696 \$ _____

9.7 The following equipment should be priced individually as optional equipment. Use separate sheet for pricing.

Item	Qty Req'd	Description
RADIO, PORTABLE - See Radio Specifications	2	
RADIO, MOBILE – See Radio Specifications	2	One mounted in the cab and one mounted in the patient compartment area
HEADSET, RADIO INTERCOM	1 system	Sigtronics intercom/headsets US-67S to include four headsets
SCOOP STRETCHER	1	Ferno Model 65 Scoop Stretcher
FERNO STRETCHER	1	Pro-Flexx 93-P with lower tray, back pouch and IV pole

STAIR CHAIR	1	Stryker Stair Pro 6252
LARGE BODY SURFACE ADAPTER (Set of 6)	1	Ferno 821942
LARGE BODY SURFACE PLATFORM	1	Ferno CA6100
HALIGAN	1	Pro-Bar 30"
FIRE AXE	1	6LB Truckman axe
PRY BAR	1	
SLEDGE HAMMER	1	Eight Maul 8LB Sledge
S.C.B.A., (HARNESS, BOTTLE AND REGULATOR)	3	Scott Pak 50 4.5, 2002 ed, dual EBSS,part # 804935 with mask and SEMS unit 4500
TRACTION SPLINT	1	Ferno Trac Traction Splint, adult w/carrying case
PEDIATRIC IMMOBILIZER	1	
KENDRIC EXTRICATION DEVICE	1	Rescue Vest (Ferno or EP and R brand OK)
CHILD CAR SEAT (INFLATABLE)	1	Responder Inflatable Car Seat – teal
PORTABLE SUCTION	1	Laerdal Suction Unit
NITRONOX UNIT	1	Matrx Nitrose Unit with case
VR1 W/ SUPPLY HOSE DIAPHRAGM AND DOWN STREAM HOUSING	1	VR1 ventilator
DEFIBRILLATOR:	1	LifePak 12 Biphasic Defibrillator equipped with a durasensor finger sensor, pulse ox extension cable, adult, large adult, and pediatric BP cuffs with 6' coiled tubing, V-leads, limb leads, defibrillator cable, internal modem, blue tooth, 3 LifePak12 batteries, carrying case, hard plastic screen shield, soft screen case, left pouch, right pouch and back pouch.
BROSELOW BAG:	1	Browslow bag

Does your proposal comply with this requirement?

YES ()

NO ()

10.0 WARRANTIES

10.1 Warranty. The successful Proposer shall provide a 24-month warranty on the truck chassis that covers defective parts and/or components, the improper choice of materials, parts and/or components, improper design or engineering and poor or improper workmanship or quality control techniques. This warranty shall include any and all costs for labor and parts or materials that are required to correct any and all deficiencies. It is not the intent of this requirement that items such as light bulbs, filters, tires, brake linings, windshield wiper blades, etc. are to be covered. Sample of this warranty shall be submitted with the proposal. Proposer shall also provide an extended

warranty on truck chassis with warranty conditions, length of time of coverage, and cost.

Does your proposal comply with this requirement?

YES () NO ()

- 10.2 Since it is the purpose of these specifications to provide a modular body that will provide many years of service, the Manufacturer of the vehicle(s) proposal shall warrant the structural integrity of the modular body for a period of at least 10 years. This warranty shall be in writing and shall be included with this proposal.

Does your proposal comply with this requirement?

YES () NO ()

- 10.3 The "second stage" manufacturer shall provide a minimum five (5) year warranty on the vehicle's electrical system. This warranty excludes the O.E.M. or "first stage" chassis manufacturer's electrical system. A sample of the "second stage" electrical system warranty shall be included with the proposal.

Does your proposal comply with this requirement?

YES () NO ()

- 10.4 The "second stage" manufacturer shall submit with the Proposal copies of the three (3) warranties described above. These shall be binding on the successful Proposer over the service life of the emergency medical care vehicle. Proposers who fail to meet this requirement shall not be considered as responsive.

Does your proposal comply with this requirement?

YES () NO ()

- 10.5 Within one (1) business day after receipt of a verbal or written notification that warranty and or service contract work is required, the successful Proposer shall respond verbally, and immediately follow up by letter to the Purchaser with a statement of intent to show where and when the warranty service shall be accomplished.
- 10.6 Warranties shall begin at the acceptance of the vehicle(s) by the Purchaser.

PART VII - CONSIDERATION FOR AWARD/AWARD PROCEDURES

The award of the contract will be based on certain objective and subjective considerations listed below:

1. How well the equipment proposed meets the requirements of the Technical Specifications contained in this request for proposal; Design / Engineering of proposed product; maintenance; service and the proposed production and delivery schedule.

(Maximum points available are 35)

2. Independent testing laboratory report results and check list

(Maximum points available are 10)

3. Experience, qualifications, and performances of the proposing firm including: Design and engineering reliability factors including all performance tests referenced in the specifications of this RFP, logistical and service support and past performance including meeting scheduled dates. References.

(Maximum points available are 15)

4. Service Facility: Proximity of service location(s) to City of Fort Lauderdale and references regarding performance of service facility for warranty and repair work."

(Maximum points available are 10)

5. Estimated cost to the City.

(Maximum points available are 30)

Evaluation of proposals will be conducted by an evaluation committee of qualified City Staff, or other persons selected by the City. It may be a two step process. In step one the committee will evaluate all responsive proposals based upon the information and references contained in the proposals as submitted. The committee will score and rank all responsive proposals and determine a minimum of three (3), if more than three (3) proposals are responsive, to be finalists for further consideration. In the event there are less than three (3) responsive proposals, the committee will give further consideration to all responsive proposals received. If necessary, the committee will then conduct discussions, for clarification purposes only, with the finalists and re-score and re-rank the finalists proposals. The committee will then make a recommendation to the Fort Lauderdale City Commission for award.

Evaluation of proposals will be conducted by an evaluation committee of qualified City Staff, or other persons selected by the City. Proposers or Finalists may be required to provide an oral presentation by appearing before the Evaluation Committee or by conference telephone call for clarification purposes only.

Information and references submitted will be considered in the award.

The City may require visits to customer installations or demonstrations of product by proposers as part of the evaluation process.

The City may require additional information and Proposers shall agree to furnish such information. The City reserves the right to award the contract to that Proposer who will best serve the interest of the City. The City reserves the right, based upon its deliberations and in its opinion, to accept or reject any or all proposals. The City also reserves the right to waive minor irregularities or variations to the specifications and in the bidding process.

The City uses a mathematical formula for determining allocation of cost points to each responsive, responsible proposer. The lowest, responsive, responsible proposer receives the maximum allowable points. When using this formula, a proposer that submits a cost or fee which is two times greater than the cost / fee of the lowest responsive, responsible proposer, will result in receiving zero points for cost.

PART VIII - REQUIREMENTS OF THE PROPOSAL

All proposals must be submitted as specified on the proposal pages which follow. Any attachments must be clearly identified. To be considered, the proposal must respond to all parts of the RFP. Any other information thought to be relevant, but not applicable to the enumerated categories, should be provided as an appendix to the proposal. If publications are supplied by a proposer to respond to a requirement, the response should include reference to the document number and page number. This will provide a quick reference for the evaluators. Proposals not providing this reference will be considered to have no reference material included in the additional documents.

NOTE: UNNECESSARILY ELABORATE RESPONSES BEYOND THAT SUFFICIENT TO PRESENT A COMPLETE AND EFFECTIVE RESPONSE TO THE SOLICITATIONS ARE NOT DESIRED AND MAY BE CONSTRUED AS AN INDICATION OF THE OFFEROR'S LACK OF COST CONSCIOUSNESS. UNLESS SPECIFICALLY REQUESTED IN THE SOLICITATION, ELABORATE ART WORK, CORPORATE BROCHURES, LENGTHY NARRATIVES, EXPENSIVE PAPER, SPECIALIZED BINDING, AND OTHER EXTRANEIOUS PRESENTATION MATERIALS ARE NEITHER NECESSARY NOR DESIRED.

The proposal shall be signed by a representative who is authorized to contractually bind the Contractor.

PROPOSERS MUST SUBMIT AN IDENTIFIED ORIGINAL COPY PLUS SIX (6) COPIES OF THE PROPOSAL PAGES INCLUDING ANY ATTACHMENTS

THE ABOVE REQUIREMENT TOTALS SEVEN (7) COPIES OF YOUR PROPOSAL

ALL PROPOSALS SHALL BE RECEIVED PRIOR TO 2:00 PM EST, ON JUNE 12, 2008 TO:

City of Fort Lauderdale
Department of Procurement Services
100 N. Andrews Avenue, Suite 619
Fort Lauderdale, Florida 33301

ALL PROPOSALS MUST BE SUBMITTED IN A SEALED PACKAGE WITH THE RFP NUMBER, RFP TITLE AND DUE DATE CLEARLY MARKED ON THE OUTSIDE. IF MORE THAN ONE PACKAGE IS SUBMITTED THEY SHOULD BE MARKED 1 OF 2, ETC.

PROPOSAL PAGES ARE AS FOLLOWS:

- Part I Proposal Pages - Cost Information
- Part II Proposal Pages - Technical Information
- Part III Non Collusion Statement
- Part IV Proposal Signature Page
- Attachments to your Proposal

**PROPOSAL PAGES - PART I
COST INFORMATION**

Name of Proposing Firm: _____

Proposer agrees to provide AMBULANCES as required in accordance with the terms, conditions and specifications contained in the RFP for the following firm fixed price per ambulance.
All prices are to be FOB Delivered freight prepaid.

<u>DESCRIPTION</u>	<u>QUANTITY</u>		<u>COST PER UNIT</u>		<u>TOTAL EXTENDED COST</u>
AMBULANCES	6 EA	X	\$ _____	=	\$ _____

Make Bid _____ Model Bid _____

VEHICLES SHALL BE COMPLETED AND DELIVERED IN _____ CALENDER DAYS AFTER RECEIPT OF ORDER.

Proposer Signature: _____ Title: _____

PROPOSAL PAGES PART II TECHNICAL PROPOSAL

The following issues should be fully responded to in your proposal in concise narrative form. Each issue should be referenced and be presented in the following order:

- A. **LETTER OF INTEREST / COVER LETTER**
Briefly state the Proposer's understanding of the services to be rendered, and make a positive commitment to perform according to the requirements noted in this RFP. This letter must also confirm that all costs submitted in this RFP shall remain firm for acceptance for a minimum of ninety (90) days from date of RFP opening.
- B. **PROFESSIONAL LICENSES AND CERTIFICATES /SAMPLE INSURANCE CERTIFICATE**
Submit a copy of all Licenses, Certificates, Registrations, Permits etc. that your company / staff possesses. Also include proof of insurance in this section.
- C. **COMPANY PROFILE**
Legal name, address, Telephone number, Fax number, E-mail address, Web page address, etc. of the proposer, together with legal entity (corporation, partnership, etc.) Firm must be established as a legal entity in the State of Florida. Provide hours of operation; Years in business; State whether the firm is local, regional, or national; Provide addresses and phone numbers for Headquarters and other relevant offices if applicable.
- D. **JOINT VENTURE**
If Submitting as a joint venture, submit a copy of the joint venture agreement including the financial agreement between the parties and the percentage of participation of the parties
- E. **QUALIFICATIONS / EXPERIENCE**
Describe firm's overall experience; Give details on contracts done within the previous three (3) years. Discuss your firms' capabilities and capacities.
- F. **ENGINEERING BLUEPRINTS**
In order to fairly evaluate each vendor's technical ability and design capability, two (2) complete sets of blueprints are to be provided. All prints submitted should be on the same size paper and to the same scale. Blueprints are to be on "D" size paper, 24"x 36" in size, all views must be on 1/2" = 12" scale. CAD prints are preferred.

The blueprints are to be provided as follows:

Interior floor plan (overhead)
Right hand section view interior
Left hand section view interior
Appropriate section views interior
Exterior Left, Right, Front, Rear and Top Views

Prints must show location of all under floorline items including, but not limited to: fuel tanks, water tanks, auxiliary battery systems, compartments, generator, and leveling system jacks and pump.

The blueprints must be completed by Vendor exactly to purchaser specifications and must be submitted with proposal.

G. DESIGN / ENGINEERING

Provide descriptive literature and complete specifications covering the vehicle offered. Discuss and describe your design and engineering feature. What are its advantages, reliability factors, safety features, etc.

H. PORTFOLIO

Provide a portfolio of similar work that has been done by your company within the past three years.

I. MILESTONES, DELIVERABLES AND PROPOSED BENCHMARK TIMETABLE

As part of the project approach, the firm shall propose a scheduling methodology for effectively managing and executing the work in the optimum time. Such timeline information and proposed dates shall include, but not necessarily be limited to: delivery, installation, diagnostic testing, training of designated personnel, and other phase related completion dates, in accordance with the RFP specifications. The delivery schedules that are submitted by the proposer and agreed upon by the Purchaser shall automatically become binding upon the successful proposer.

J. FINANCIAL DOCUMENTATION

Financial statements and annual reports of corporation of the last two years, including the last two (2) most current years of audited financial statements. A copy of the firm's Dun & Bradstreet rating for the last two years should also be provided (if available). If a Dun & Bradstreet rating is not available please include relevant financial reports for the last two years (i.e., the firm's annual report and/or audit).

If the proposer is deemed to be financially unstable by the City's Finance director or designee, the City may deem the proposal to be non-responsive.

K. REFERENCES

Vendor must have established a permanency in the industry for a minimum of five (5) years. Include in the proposal a list of seven (7) vehicles of similar (or greater) size and complexity built in the last year or twenty in the last four years. List to include:

1. Customer
2. Contact Name
3. Phone Number
4. Unit Cost
5. Application
6. Date of Order
7. Date of Delivery

Due to the type of circumstances this vehicle will be used in, the City requires stringent standards of the entire vehicle and all components. Vendors are required to provide a list of references where similar specifications were involved. It is imperative that the bidder demonstrates experience and knowledge of this caliber of vehicle.

L. MAINTAINABILITY

Discuss recommended maintenance for your offering. Include part availability and time frame to receive parts – what percentage of parts are considered ‘standard’ readily available parts.

M. WARRANTY SERVICE

Vendor must detail warranties, including all electrical systems, covering the chassis, body and interior. This must be submitted with bid. If supplier has extended warranties available, they are to be detailed.

NOTE: Review the WARRANTIES section of the technical specifications for minimum requirements

Submit copies of Warranties.

Must also include, but not be limited to the following:

Structural integrity of modular body, corrosion perforation of cab and body (10 Year minimum required): _____

Defective parts and/or components, improper design or engineering; poor or improper workmanship; Quality control techniques: _____

Electrical System (5 year min. required): _____

Engine and Transmission (100% parts and Labor): _____

Axle: _____

Frame Rails: _____

Exterior Finish : _____

Truck Chassis: _____

Any additional warranties / Guarantees: _____

If the successful proposer is not located in the immediate area of Fort Lauderdale City limits, he **must** make arrangements with a local dealer to perform all warranty work. State **who** will perform all warranty work:

N. TEST CERTIFICATIONS AND CHECK LIST

1. Chassis Specifications Check List - The proposer shall include with the proposal a chassis specification "check sheet" for the "specific" chassis proposal to meet these specifications. This requirement is to prevent any confusion or delay in the purchase or delivery of this chassis.
2. Submit with the proposal certification from an independent testing laboratory that the electrical system has been tested to and complies with paragraph 3.7.2.1 of Federal

Ambulance Specification KKK-A-1822.

3. Electronic suppression devices shall meet the requirements of paragraph 3.7.12 of KKK-A-1822. Certification from an independent testing laboratory that the electrical system is in compliance with this requirement shall be submitted with the proposal response. (See Specification 2.1.5)
4. The vehicle shall be furnished with a 2-wire plus ground 120 volt AC wiring system that is separate and distinct from the vehicle's 12 volt DC wiring system(s). The 120-volt AC electrical system, including wiring and associated equipment, shall comply with Article 551 of the National Electrical Code. Documentation of compliance to this requirement from an independent testing laboratory shall be submitted with the Proposer's proposal. (See Specification 2.8 – *120 volt AC utility power*)
5. Documentation of compliance to FMVSS No. 108 from an independent testing laboratory shall be submitted with the Proposer's proposal (See Specification 3.1 – *Vehicle Exterior Lighting*).
6. Proposer shall furnish along with his proposal certifications from an independent testing laboratory that the body he is proposing meets the Static Load Test Code for Ambulance Body Structure, AMD Standard 001 (See Specification 5.10 – *Structural Load Testing*).
7. All door latches, hinges, and hardware shall comply with the requirements of FMVSS 206. Certifications from an independent testing laboratory shall be provided confirming compliance (See Specification 5.14 - *Door Latches, Hinges, and Hardware*).
8. There shall be provided certifications from an independent testing laboratory that the supplied locking system has been tested and complies to AMD Standard 002 as required in paragraph 3.10.9 of KKK-A-1822. (See Specification 5.14.4)
9. Certifications shall be supplied with the proposal that the grab handles have been tested to and have passed the requirements of Federal Specification KKK-A-1822. (See Specification 5.14.5 and 5.14.6)
10. Furnish along with his proposal certifications from an independent testing laboratory that the body he is proposing meets the Static Load Test Code for Ambulance Body Structure, AMD Standard 001.
11. Certifications from an independent testing laboratory shall be provided for compliance to paragraph 3.15.2(C) of Federal Specification KKK-A-1822.
12. Certification from the insulation manufacturer that the insulation meets these requirements (See specification 5.17.1) shall be furnished with this proposal.
13. The painted exterior sheet metal of the rescue body shall be capable of withstanding 250 hours of salt spray tested in accordance with ASTM B 117-64. The Proposer shall submit certifications from an independent testing laboratory that the “second stage” manufacturer product has been tested for compliance and does comply with the requirement. (See Specification 7.1.3)

P. SERVICING

Consideration will be given to that equipment which can, on short notice, be serviced and maintained by the proposer or a local representative. Proposer or representative must maintain a normal supply of repair parts and be equipped with personnel and facilities to provide such service as necessary to keep equipment in operation with a minimum of delay.

Bidders shall state below the location of the ambulance manufacturer's nearest service facility and parts depot to the Purchaser's location.

Address: _____

Phone: () _____

Q. VARIANCES

Any exceptions to these specifications must be itemized. They shall be referenced by paragraph number on additional page(s). Details concerning the exceptions or "clarifications" must be clearly explained.

The proposer understands that the information contained in these Proposal Pages is to be relied upon by the City in awarding the proposed Agreement, and such information is warranted by the proposer to be true. The proposer agrees to furnish such additional information, prior to acceptance of any proposal, relating to the qualifications of the proposer, as may be required by the City.

COMPLETE AND RETURN THE REQUIRED NUMBER OF PROPOSAL PAGES AND ATTACHMENTS.

PROPOSAL IDENTIFICATION: If mailed, please indicate on the face of your sealed proposal package the following:

RFP NO. 584-10035

OPENS 06/12/08

PROPOSAL PAGES PART III
NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and free from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME

RELATIONSHIPS

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

**PROPOSAL PAGES PART IV
 BID/PROPOSAL SIGNATURE PAGE**

How to submit bids/proposals: It is preferred that bids/proposals be submitted electronically at www.rfpdepot.com. If mailing a hard copy, it will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Department, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

Please Note: If responding to this solicitation through RFP Depot, the electronic version of the bid response will prevail, unless a paper version is clearly marked **by the bidder** in some manner to indicate that it will supplant the electronic version.

Submitted by: _____
 (signature) (date)

Name (printed) _____ Title: _____

Company: (Legal Registration) _____

CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit <http://www.dos.state.fl.us/doc/>).

Address: _____

City _____ State: _____ Zip _____

Telephone No. _____ FAX No. _____

E-MAIL: _____

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): _____

Payment Terms (section 1.03): _____ Total Bid Discount (section 1.04): _____

Does your firm qualify for MBE or WBE status (section 1.08): MBE _____ WBE _____

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>
---------------------	--------------------

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. **HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW? BIDDER MUST CLICK THE EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS.**

Variances:

Question and Answers for Bid #584-10035 - AMBULANCES**Overall Bid Questions****Question 1**

My company has built a number of rescues on International 4400 Four Door Chassis. We weigh every one. The last one we built weighed 18,060 pounds full of fuel, with no equipment on board. It also weighed over 8,000 pounds on the front axle. Due to this we require a 9,000 pound front axle under an extended cab or four door International. We also require a 17,500 pound rear axle. We recommend that the axle weights as well as the weight requirement for the finished unit be revised. (Submitted: May 21, 2008 6:00:12 PM EDT)

Answer

- The axles are specified as they are to provide for the compartment floor height that is specified. In the past, axles with higher weight ratings caused floor heights higher than specified. Compartment floor height will be weighed heavily when evaluating bids. (Answered: May 22, 2008 8:39:11 AM EDT)