		Lee Co	unty Board Of Co	•		
1 DECTEO	PED MONTOS	<del></del> -	Agenda Item S	Summary	Blue Sheet No	. 20030931
I. <u>REQUES</u>	FED MOTION	1				
					olk County Bid #03-090 for the \$59,127 each (grand total: \$11)	
WHY ACTIO	ON IS NECESS	ARY: Purch	nases over \$50,000	must be app	proved by the Board.	
WHAT ACTI	ION ACCOMP	LISHES: T	hese units will be a	ssigned to s	special details (parades, ball gan	nes etc ) allowing
Public Safety	to maintain its p	rimary ambu	lance fleet to prescr	ribed standa	ards for 9-1-1 response levels.	nos, cto.), unowing
2. DEPARTN	MENTAL CAT	EGORY:			3. MEETING DATE:	
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4. AGENDA:		5. REC	DUIREMENT/PUI	RPOSE:	6. REQUESTOR OF INFO	
		(Speci)			J. 100 VOLUMENT	
X CONS	SENT	\ 1	STATUTE		A. COMMISSIONER	
	INISTRATIVE	,	ORDINANCE	<u></u>	B. DEPARTMENT	
APPE	EALS	X	ADMIN.	AC-4-1	·	blic Safety
			CODE			10.1
PUBL	JC		OTHER		BY: John Wilson,	Director W
WAL	K ON					
	E REQUIRED:					
7. <u>BACKGR</u>						
The request to	piggyback was	received by t	the Division of Purc	chasing on .	August 5, 2003. The specificati	ons used and the
				otained from	n Polk County and the vendor to	o utilize the bid.
runding is ava Attachments:	ilable: KF5260	100100.5064	130		•	
	nt Request to Pig	rovhack	(5) Pol	k County's	P.O. to American LaFrance Me	dicmacter
	ity's Recap Shee				to Piggyback from American La	
	ity's Specification		(0) 1141	iioi izatioii	to riggyback from American La	ar rance ividulentiaster
	tion to Piggybac		County			
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			9. <u>RECOMMEN</u>	DED APPI		
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Division of	EMS MEMO
Public Safety	

### - Concount

To:

Janet Sheehan, Purchasing Director

From:

Chief Chris Hansen, EMS Manager

Subject:

Sprinter Type II Ambulances - POLK Co. Piggyback

Date:

August 5, 2003

The purpose of this memo is to respectfully request assistance to secure BoCC approval to proceed with previously budgeted / approved ambulance purchases. EMS recommends using the enclosed POLK County piggyback awarded to MEDIC MASTER.

MEDIC MASTER has proven to be a reliable vendor for Lee County and the specifications are acceptable for the units we budgeted. Using the piggyback processes allows Lee County the ability to obtain these ambulances without a lengthy bidding process. Enclosed please find vehicle specifications, build / work orders, Polk County's bid acceptance, permission for piggyback and BID Recap sheet.

Lee County EMS requests that the BoCC to approve MEDIC MASTER as the piggyback vendor from Polk County Bid #03-090 to build two SPRINTER ambulances for an amount not to exceed \$118,254. The enclosed specifications detail the amount and types of work we are requesting.

The budget line item / account string for this purchase would be KF5260100100.506430 = General Fund - Independent Department, Public Safety Division, Emergency Response Vehicles, Vehicles and Rolling Stock.

Lee County EMS purchase of these Type II SPRINTER ambulances, allows their primary assignment to special details (parades, ball games, special evacuations, etc.) while maintaining its primary ambulance fleet to prescribed standards for 9-1-1 response levels. This allows service delivery of pur operations to better meet service levels to the public.

Approved:

John Wilson, Public Safety Director

CC:

Patti Hojnacki, Fiscal Officer Marilyn Rawlings, Fleet Manager

## ATTACHMENT#2

#### **BLS AMBULANCES**

BID # 03-090

## **RECAP**

American LaFranco MedicMaster

Quantity	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
Three (3)	New BLS Ambulances  2003 CHASIS (ADD O		\$ <u>170,523.00</u>
	As per specifications.		
	Manufact	urer: <u>American LaFr</u>	ance Medicmaster
	Мо	del #_Sprinter	
	Yea	ar <u>2002</u>	
	Delivery ARO (After receipt of order)	120	/days

Post-it* Fax Note 7671	Date 7 - 28 (10)
10 Merilya Rawlings	From Soc Sena
Co /Dept.	Co. B. CC Pock Co.
Phone #	Phone # \$63-534-52/8
Fax # 239 - 338 · 32 34	Fax #863-534-0055



Polk County Purchasing Division 2470 Clower Lane P.O. Box 9005, ASO5 Bartow, FL 33830 Bid #03-090 Telephone (863) 534-5610 FAX (863) 534-0055 www.polk-county.net

#### **BID SUMMARY AND REGISTRATION**

In order to receive notice of any addenda to these documents, you MUST register
using this form. Please mail or FAX the completed form to the Purchasing Division as
soon as possible. It is the vendor's responsibility to verify if addenda have been issued.

Bid Number: Bid # 03-090

Title: BLS AMBULANCES

Description: Furnish & Supply three (3) BLS Ambulances

Receiving Date: March 19, 2003, 2:00p.m.

For additional Information, contact: Jack W. Helwig III, Asst. Purchasing Director

Telephone #863-534-5617

Special Instructions: N/A

#### BIDDER REGISTRATION FAX OR MAIL THIS FORM BACK IMMEDIATELY FAX: (863) 534-0055

Use this form to register as a potential bidder or proposer for this bid. Only registered vendors will be mailed courtesy notices of changes or addenda to these bid documents. Carefully complete this form and mail or fax it to the Purchasing Division. You must submit one form for each bid that you are registering for.

Company Name:			
0 1 10		······································	
Mailing Address:			
		Zip Code:	
Phone:	Fax:	E-mail (optional):	

#### POLK COUNTY BOARD OF COUNTY COMMISSIONERS

Purchasing Division W.A. "Buddy" Storey Purchasing Director

#### Bid # 03-090 BLS Ambulances

Sealed bids will be received in the Purchasing Division, March 19, 2003 prior to 2:00p.m.

Attached are important instructions and specifications regarding responses to this Bid. Failure to follow these instructions could result in Bid disqualification.

Questions regarding this bid should be in writing and should reference the above Bid number. Submit all questions to Jack W. Helwig 111, Asst. Purchasing Director, via E-mail <u>Jackhelwig@polk-county.net</u> or fax (863) 534-0055.

Bids may be mailed, express mailed or hand delivered to:

Purchasing Division 2470 Clower Lane Bartow, Florida 33830 (863) 534-5610

#### STATEMENT OF NO BID

If you do not intend to submit a bid, please complete the information below and return to the Purchasing Division via fax or mail. If returning by mail, please be sure the bid number and title are clearly marked on the front of the envelope.

<ul><li>( )Insufficient time to respond</li><li>( )Schedule would not permit us to perform</li><li>( )Specifications unclear</li></ul>	<ul><li>( )Unable to meet specifications</li><li>( )Do not offer this product</li><li>( )Other (please specify below)</li></ul>
Company Name:	Date:
Telephone Number:	Signature:

#### TABLE OF CONTENTS

<u>Item</u>	<u>Page</u>
Bid Summary and Registration	
Cover Sheet	2
Table of Contents	3
General Instructions	4-10
Public Entity Crime Notice	11
Preference for Drug-Free Workplace	11
Terms and Conditions	12-13
Signature Acknowledgement	14
Drug-Free Workplace Form	15
Non-Collusion Affidavit of Prime Bidder	16
Instructions	17-20
Specifications	21-46
Bid Sheets	47

## **GENERAL INSTRUCTIONS**

BID DOCUMENTS MUST BE DELIVERED TO THE PURCHASING DIVISION PRIOR TO 2:00P.M. ON THE DATE SPECIFIED. THERE WILL BE NO EXCEPTIONS.

BIDDER- To ensure acceptance of the bid, follow these instructions.

- 1. **EXECUTION OF BID:** Bid must contain an original signature of an authorized representative in the space provided on the signature page. Bid must be typed or printed in black ink. Erasable ink is not permitted. Corrections made by bidder to any bid entry must be initialed by the person who signs the bid.
- 2. **NO BID:** Bidders not interested in submitting a bid should return a "no bid," with an indication of the reason for no bid and the interest in future bid solicitations.
- 3. **BID OPENING:** All bid openings shall be public, at 2:00 p.m., on the date specified in the Notice to Bidders. It is the responsibility of the bidder to assure that their bid is delivered at the proper time and place prior to the bid opening. Bids, which for any reason are not so delivered, will not be considered. **BID SUBMITTAL FORMS USING FACSIMILE OR TELEGRAM ARE NOT ACCEPTABLE.**

NOTE: Bidders may call the Message Center <u>only</u> for bid results. The telephone number is (863) 534-7600 extension 304. For the official record/recap, send a written request or fax a request to (863) 534-0055. Indicate the bid number on the request.

Bid files may be examined during normal working hours by appointment.

- ADDITIONS/ REVISIONS/ DELETIONS: Additions, revisions or deletions to the general conditions, specifications or bid price sheets will cause the bid to be nonresponsive and the bid will not be considered.
- 5. **PRICES, TERMS AND PAYMENT:** Firm prices shall be bid and include all packing, handling, shipping charges and delivery to any point within Polk County. Discount time will be computed from the date of satisfactory delivery at place of acceptance. Prices bid shall be firm for forty-five (45) days
- 6. **DEFINITIONS:** The term "County" means the Polk County Board of County Commissioners, a political subdivision of the State of Florida, and its authorized designees, agents or employees.

7. TAXES: The County does not pay Federal Excise and Sales taxes on direct purchases of tangible personal property. The County's State Exemption Number is #63-04-060714-53C. An exemption certificate may be obtained from the Purchasing Division upon written request with an enclosed, self-addressed, stamped envelope. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for the improvement of County-owned real property as defined in Chapter 192, Florida Statutes (FS).

- DISCOUNTS: Bidders may offer a cash discount for prompt payment; however, such discounts shall NOT be considered in determining the lowest net cost for bid evaluation purposes. Bidders are encouraged to reflect cash discounts in the unit prices quoted.
- 9. **MISTAKES**: Bidders are required to examine the specifications, delivery schedule, bid prices and all instructions pertaining to supplies and services. Failure to do so will be at bidder's risk. In case of a mistake in extension, the unit price will govern. Corrections made by bidder to any bid entry must be initialed by the person who signs the bid.
- ADDITIONAL TERMS & CONDITIONS: The County reserves the right to reject bids containing any additional terms or conditions not specifically requested in the bid documents.
- SAFETY STANDARDS: Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of Occupational Safety and Health Act (OSHA) and carry evidence of Underwriters Laboratories' Listings (UL).
- 12. **INVOICING AND PAYMENT:** The successful bidder shall submit a properly certified invoice(s) to the County at the prices bid and the quantity delivered. Payment shall be made after delivery and acceptance of the goods and service, three (3) weeks after approval of invoice by the appropriate department/division. The successful bidder shall include the bid number and/or the purchase order number on invoices for purchases resulting from this bid.

An original and one (1) copy of the invoice shall be submitted to the Board of County Commissioners, Auditing Department, P.O. Box 988, Bartow, Florida 33831-0988. Failure to follow these instructions may result in delay in processing invoices for payment. No overcharge will be paid. In the event the successful bidder submits an invoice with an overcharge, a credit memo must be submitted to correct such overcharge. Any applicable discounts that apply will be taken, even though the allowable time has lapsed due to the time awaiting credit memorandums.

5

13. **PACKAGING:** All containers shall be suitable for storage or shipment, and all prices should include standard commercial packaging.

- 14. MEETS SPECIFICATIONS: It is understood and agreed that any item offered or shipped as a result of this bid shall be new (current model at the time of this bid) unless otherwise specified in the specifications. The bidder represents that all equipment offered under this specification shall meet or exceed the minimum requirements specified. Bidder shall strictly adhere to delivery specifications.
- 15. SILENCE OF SPECIFICATIONS: The apparent silence of this specification and any supplemental specifications to any details or the omission from same of any detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that only materials of first quality and correct type, size and design are to be used. All workmanship is to be first quality. All interpretations of these specifications shall be made upon the basis of this statement.
- 16. CONFLICT OF INTEREST: The award hereto is subject to the provisions of Chapter 112, Florida Statutes. All bidders must disclose, with their bid, the name of any officer, director or agent who is also an employee of the County or any of their agencies. Furthermore, all bidders must disclose the name of any County employee who owns, directly or indirectly, any interest of any amount in the bidder's firms or any of their branches.
- 17. **AWARD(S):** The award of this bid shall be based on low bid meeting specifications unless otherwise indicated. As the best interest of the County may require, the right is reserved to make award(s) by individual item, group of items or as indicated in the bid form; to reject all bids or waive any minor irregularities or technicalities in bids received. In determining the lowest responsive and responsible bidder, in addition to price, the following may be considered:
  - The ability, capacity, equipment and skill of the bidder to fulfill the contract.
  - Whether or not the bidder can fulfill the contract within the time specified, without delay or interference.
  - The character, integrity, reputation, judgment, experience and efficiency of the bidder.
  - The previous and existing compliance by the bidder with laws and ordinances relating to the contract.
  - The sufficiency of the financial resources to fulfill the contract to provide the goods and/or services.
  - The quality, availability and adaptability of the suppliers or contractual services to the particular use required.
  - The ability of the bidder to provide future maintenance and service, as required or needed.
  - The number and scope of conditions attached to the bid.

18. **WARRANTY:** Unless otherwise specified, the bidder agrees that the services furnished under this bid/proposal shall be covered by the most favorable commercial warranty the bidder gives to any customer for comparable services, and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the County by any other provision of this bid/proposal.

- 19. NON-CONFORMANCE TO BID CONDITIONS: Services not delivered as per delivery date in bid and/or purchase order may result in bidder being found in default, in which event any and all re-procurement costs may be charged against the defaulting vendor. This non-conformance to bid conditions may result in immediate cancellation of the purchase order.
- 20. ADDENDUM: Any changes in the bid shall be made in the form of a written addendum by the Purchasing Director or his representative. No other person shall be authorized to make changes verbally or in writing. If an addendum is issued, the addendum sheet must be signed and faxed to (863) 534-0055.
- 21. **ASSIGNMENT:** Any purchase order issued pursuant to this bid/proposal and the monies which may become due herein are not assignable except with the prior written approval of the Purchasing Director.
- 22. **LIABILITY**: The vendor shall hold and save the County, its officers, agents and employees harmless from liability of any kind in the performance of this bid/proposal and against claims by third parties resulting from the supplier's breach of contract or the suppliers negligence.
- 23. PATENTS AND ROYALTIES: The bidder, without exception, shall indemnify and save harmless the County and its employees from liability of any nature or kind, including cost and expenses for, or on account of, any copyrighted, patented or non-patented invention, process or article manufactured or used in the performance of the contract, including its use by the County. If the bidder uses any design, device or material covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device or material in any way involved in the work.
- 24. **DISPUTES:** In the event of any doubt or difference of opinion as to the methods provided herein, or the level of performance rendered, the decision of the department/division director shall be final and binding on both parties.
- 25. **GOVERNMENTAL RESTRICTIONS:** In the event that any governmental restrictions may be imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered on this bid/proposal prior to delivery, it shall be the responsibility of the supplier to notify the Purchasing Division at once. Their letter shall indicate the specific regulation,

#### Bid #03-090

which required an alteration. The County reserves the right to accept any such alteration, including any price adjustments, or to cancel the contract at no expense to the County.

- 26. PRICE ADJUSTMENTS: Any price decrease executed during the contract period, either by reason of market change or on the part of the contractor to other customers, shall be passed on to the County.
- 27. **FACILITIES**: The County reserves the right to inspect the bidder's facilities at any time, with prior notice.
- 28. **BID PROTEST:** Any bidder desiring to file a bid protest, with respect to a recommended award of any bid, shall do so by filing a written protest. The written protest must be in the possession of the Purchasing Division within three (3) working days of the Notice of Recommended Award mailing date. All bidders who bid will be sent a Notice of Recommended Award, unless only one bid was received.

A copy of the bid protest procedures may be obtained from the Polk County Purchasing Division.

"FAILURE TO FOLLOW BID PROTEST PROCEDURE REQUIREMENTS WITHIN THE TIME FRAMES PRESCRIBED HEREIN AS ESTABLISHED BY POLK COUNTY, FLORIDA, SHALL CONSTITURE A WAIVER OF YOUR PROTEST AND ANY RESULTING CLAIM."

- 29. **TOXIC SUBSTANCES**: Notice of successful vendor(s) to provide to Polk County toxic substances (As listed in Chapter 442, Appendix "G" of the FS) if applicable.
  - a. Chapter 442 of the FS states that manufacturers, importers or distributors of any toxic substance shall prepare and provide each direct purchaser of such toxic substance with Material Safety Data Sheet(s), herein referred to as MSDS, which to the best of the manufacturer's, importer's or distributor's knowledge, is current, accurate and complete based on information then reasonably available to the manufacturer, importer or distributor. The MSDS shall be revised by the manufacturer, importer or distributor on a timely basis not to exceed three (3) months after the new or revised information shall become available to the manufacturer, importer or distributor.
  - Failure to provide the MSDS, when applicable, shall be cause for rejection of bid.

30. **PLACING OF ORDERS:** The award of this bid/proposal does not constitute an order. Before any services can be performed, the successful bidder must receive written or oral notification with the purchase order number.

- 31. INSPECTION, ACCEPTANE AND TITLE: Inspection and acceptance will be at the designated facility unless otherwise indicated. Title and risk of loss or damage to all items shall be the responsibility of the contract supplier until accepted by the County, unless loss or damage results from negligence by the County.
- 32. **CANCELLATION:** All annual bid obligations shall prevail for at least one hundred eighty (180) days after effective date of the bid, unless bid conditions are breached as specified herein. After that period, for the protection of both parties, this bid may be canceled in whole or part by either party by giving thirty (30) days prior notice in writing to the other party. The County reserves the right to cancel any bid after reasonable written notice to the successful bidder should the service not be in the best interest of the County. Should the service rendered for any bid cause or threaten endangerment to public safety or welfare, the bid may be cancelled by the Purchasing Director immediately.
- 33. MANUFACTURER'S NAMES AND APPROVED EQUIVALENTS: Any manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for information only and are not intended to limit competition. The bidder may offer any brand for which they are an authorized representative, which meets or exceeds the specification for any item(s). If bids/proposals are based on equivalent products, indication should be made on the bid/proposal form of the manufacturer's name and number. Bidders shall submit with their bid/proposal, cuts, sketches, descriptive literature and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specification(s) and not be considered an exception thereto. Bids/proposals, which do not comply with these requirements, are subject to rejection. Bids/proposals lacking any written indication of intent to bid an alternate brand will be received and considered in complete compliance with the specifications as listed on the bid form. The Purchasing Division shall be notified of any proposed changes in the following:
  - a. materials used;
  - b. manufacturing process; and
  - c. construction.

Changes shall not be binding upon the County unless evidenced by a Change Notice issued and signed by the Purchasing Director.

34. **SAMPLES**: Samples of items, when called for, must be furnished free of expense and may, upon request, be returned at the bidder's expense. Each

individual sample must be labeled with bidder's name, manufacturer's brand name and number, bid number and item reference. Samples of successful bidder's items may remain on file with Purchasing for the term of the contract. Request for return of samples shall be accompanied by instructions, which include shipping authorization and name of carrier, and must be received within ninety (90) days after bid opening date. If instructions are not received within this time, the samples shall be disposed of by the Purchasing Division.

- 35. **EXTENSION:** The County reserves the option to extend the period of the bid award(s). Extensions of bid award(s) shall be by mutual agreement, in writing, not to exceed two (2) years, unless otherwise specified.
- 36. **SUMMARY OF TOTAL SALES:** At the end of each quarter, the successful vendor is required to furnish the Purchasing Division with a summary of sales, in total dollars, for the work performed as a result of this bid.
- 37. **PRECEDENCE**: Any requirement set forth in any section of the bid documents shall be binding as if called for by all. If there is a difference in the terms called out in the General Instructions and the Special Instructions, the most restricted shall prevail.
- 38. **PURCHASE ORDER TERMS AND CONDITIONS:** The terms and conditions listed on pages 12 and 13 are made a part of any purchase order issued.
- 39. **PLANS AND SPECIFICATIONS:** The specifications and other bid documents upon which the prices in the vendor's bid proposal are based on, are hereby made a part of the purchase order by reference hereto.
- 40. INDEMNIFICATION: In consideration of Ten Dollars (\$10.00) and other valuable considerations, Seller shall indemnify and hold harmless the County, its employees and agents from and against all liability, claims, suites, demands, damages, losses and expenses, including attorney fees, arising out of or resulting from the performance of its services, provided that any such liability, claim, suit, demand, damage, loss or expense is (a) attributable to bodily injury. sickness, disease or death, or injury to or destruction of tangible property (other than the service itself), including the loss of use resulting therefrom; and (b) caused in whole or in part by an act or omission of the contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, whether or not it is caused in whole or in part by the negligence or other fault of a part indemnified hereunder. The contractor shall indemnify and hold harmless the County and anyone directly or indirectly employed by it from and against all claims, suits, demands, damages, losses and expenses (including attorney fees) arising out of any infringement or patent rights or copyrights held by others and shall defend all such claims in connection with any alleged infringement of such rights.

### PUBLIC ENTITY CRIME FORM

PUBLIC ENTITY: 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 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 in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the Convicted vendor list.

# PREFERENCE FOR DRUG FREE WORKPLACE STATEMENT

PREFERENCE FOR DRUG FREE WORKPLACE: Whenever two or more bids, which are equal with respect to price, quality and service, are received, preference shall be given to a bid received from a business that certifies that it has implemented a drug free workplace program in accordance with Section 287.087, Florida Statutes. In order to receive preference, a signed certification of compliance must be submitted with the bid response

### TERMS AND CONDITIONS

- ACCEPTANCE. The Seller shall be bound by this Purchase Order and its terms and conditions when it delivers the goods ordered or render the services ordered by the County.
- TITLE. The risk of loss of goods covered by this Purchase Order shall remain
  with the Seller until the goods have been delivered to a designated site and
  actually received by the County. Any damage to the material and equipment, or
  loss of any kind, occasioned in transit shall be borne by the Seller.
- DOCUMENTS. All plans, specifications, drawings and data which have been made available to Seller in connection with this Purchase Order, or which relate to work or materials to be furnished hereunder, are hereby incorporated and made a part hereof.
- 4. CHANGES. The County may unilaterally and at any time or from time to time order additions, deletions or revisions in the services/goods. These changes will be authorized by a Change Order. Additional services performed by the Seller without authorization of a written Change Order will not entitle the Seller to increases in the Purchase Order price or an extension of the Purchase Order time.
- INSPECTION. The goods and services purchased hereunder are subject to the inspection and approval of the County. The County reserves the right to reject goods and services, which do not conform to the provisions of the Purchase Order.
- 6. **DEFAULT.** If the goods and services fail to pass inspection or approval, or if the Seller fails to perform the services at the time specified herein, or fails to perform any other provisions of the Purchase Order, and does not correct such failure within a period of ten (10) days after receipt of written notice from the County, then the County may cancel the whole or any part of the goods or services ordered without liability to the County. In the event of such a default, the County may purchase such goods and services elsewhere and deduct the cost from any money due or becoming due to Seller. This shall not limit the County's right to such other remedies as may be available by law.
- 7. WARRANTY. Seller warrants that the goods and services covered by the Purchase Order will comply with the plans, specifications, drawings and descriptions furnished or specified by the County; that the goods and services will be of good material and workmanship and free from defects. This warranty shall survive acceptance of any goods or services.

8. **INSURANCE.** The Seller shall maintain the insurance required by the County, which includes: workman's compensation, property liability and automobile liability. If Seller fails to do so, the County may procure such insurance and charge the cost thereof to the Seller.

- 9. INDEMNIFICATION. The Seller shall indemnify and hold harmless the County and its employees and agents from and against all liability, claims, suits, demands, damages, losses and expenses, including attorney fees, arising out of or resulting from the performance of its services, provided that any such liability, claim, suit, demand, damage, or destruction of tangible property (other than the service itself), including the loss of use resulting therefrom; and (b) caused in whole or in part by an act or omission of the contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, whether or not it is caused in whole or in part by the negligence or other fault of a party indemnified hereunder. The contractor shall indemnify and hold harmless the County and anyone directly or indirectly employed by it from and against all claims, suits, demands, damages, losses and expenses (including attorney fees) arising out of any infringement or patent rights or copyrights held by others and shall defend all such claims in connection with any alleged infringement of such rights.
- STATEMENT OF ASSURANCE. During the performance of this Agreement, the Seller herein assures the County that said Seller is in compliance with Title VII of the 1964 Civil Rights Act, as amended, and the Florida Human Rights Act of 1977, in that the Seller does not on the grounds of race, color, national origin, religion, sex, age, handicap or marital status, discriminate in any form or manner against said Seller's employees or applicants for employment. The Seller understands and agrees that the Purchase Order/Agreement is conditioned upon the veracity of the Statement of Assurance. Furthermore, the Seller herein assures the County that said Seller will comply with Title IV of the Civil Rights Act of 1964 when Federal grant(s) is/are involved. Other applicable Federal and State Laws, Executive Orders and regulations prohibiting discrimination, as herein above-referenced, are included by this reference thereto. This Statement of Assurance shall be interpreted to include Vietnam-Era Veterans and Disabled Veterans within its protective range of acceptability.
- 11. APPLICABLE LAW. The Purchase Order will be construed under and in accordance with the laws of the State of Florida. Venue for any action filed under the Purchase Order shall be Polk County, Florida.

## SIGNATURE ACKNOWLEDGEMENT (SUBMITTAL PAGE)

To Polk County, a Political Subdivision of the State of Florida				
Date:	<del></del>			
I certify that this bid is made without prior understanding, agreement or connection with any corporation, firm or person submitting a bid for the same construction, service or material and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I have read and understand the bidding documents. I have completed and submitted all bid submittal forms, and I am authorized to sign this bid for the bidder. In submitting a bid to the County, the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign or transfer to the County all rights, titles and interests in and to all causes of action it may now or hereafter acquire under the Anti-Trust Laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by the County. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the bidder.				
VENDOR NAME	AUTHORIZED SIGNATURE (MANUAL)			
MAILING ADDRESS	NAME (TYPED OR PRINTED)			
CITY, STATE AND ZIP CODE	TITLE (TYPED OR PRINTED)			
(AREA CODE) TELEPHONE NUMBER	TOLL-FREE NUMBER			
(AREA CODE) FAX NUMBER	E-MAIL ADDRESS			
This bid may be used by any other Government Agency to purchase goods listed in this Bid. Bidder will not be allowed to change any price, terms or conditions, except that allowance may be made for difference in delivery cost. [] YES [] NO [] N/A				

Bid #03-090

## DRUG-FREE WORKPLACE FORM

(SUBMITTAL PAGE)

The u	undersigned vendor in accordance with Florida Statute 287.087 hereby certifies
that .	(Name of Business)
1.	Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2.	Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation programs, employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
3.	Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4.	In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, plea of guilty or note contendere to, any violation of Chapter 1893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5.	Impose a sanction on or require the satisfactory participation in a drub abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
6.	Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.
	e person authorized to sign the statement, I certify that this firm complies fully with the above rements.
	Bidder's Signature
	Date

#### Bid #03-090

## NON-COLLUSION AFFIDAVIT OF PRIME BIDDER (SUBMITTAL PAGE)

		(OCDMITT	AL I AOL)
State	of	_)	
Count	ty of	_)	
			, being first duly
sworn	, deposes and says that		, , , , , , , , , , , , , , , , , , , ,
1.	He is	of	, the
	Bidder that has submitt		
2.	He is fully informed repertinent circumstance		ation and contents of the attached Bid and of all
3.	Such Bid is genuine an	d is not a collusive or	sham Bid;
4.	employees or parties connived or agreed, d collusive or sham Bid indirectly, sought by a Bidder, firm or person any overhead, profit or secure through any co	in interest, including irectly or indirectly, we in connection with greement or collusion to fix the price or price cost element of the follusion, conspiracy, or	ficers, partners, owners, agents, representatives, this affiant, has in any way colluded, conspired, with any other Bidder, firm or person to submit a such Contract or has in any manner, directly or n of communication or conference with any other es in the attached bid of any other Bidder, or to fix Bid Price or the Bid Price of any other Bidder, or to connivance or unlawful agreement any advantage in the proposed Contract; and
5.	collusion, conspiracy, o	connivance or unlawfo	Bid are fair and proper and are not tainted by any all agreement on the part of the Bidder or any of its or parties in interest, including this affiant.
		Sign	ned
		Title	<del></del>
Subsc	cribed and sworn to befo	re me this day o	of, 20
(Title)			

## INSTRUCTIONS

#### 1. Introduction

Polk County, a political subdivision of the State of Florida, requests the submittal of bids from vendors that are interested in furnishing and supplying three (3) BLS Ambulances. The County reserves the right to reject any or all bids and/or waive any minor irregularities in the bids received, whichever would be in the best interest of the County.

- ADDITIONS/REVISIONS/DELETIONS: Additions, revisions or deletions to the general
  conditions, specifications or bid price sheets will cause the bid to be non-responsive and
  the bid will not be considered.
- 3. SEALED BIDS: All bid submittals must be completed and submitted in a sealed parcel. (DO NOT INCLUDE MORE THAN ONE BID SUBMITTAL PER ENVELOPE. BID SUBMITTAL SHALL INCLUDE ONE (1) ORIGINAL AND ONE (1) COPY OF ORIGINAL.) The Original bid submittal(s) shall be submitted on the forms provided by Polk County. All Bids are subject to the conditions herein; Failure to comply will subject bid to rejection.
- 4. All prices bid shall be net F.O.B. delivered to the Polk county Fleet Management Division, Bob Phillips Road, Bartow, Florida, 33830.
- 5. All bidders shall enclose literature, specification sheets along with a copy of their standard warranty to be considered in the award. Bidders failing to meet this requirement may subject their bid to rejection.
- 6. The County reserves the right to terminate or suspend the award of this bid, in whole or in part when it is in the best of the County to do so. The Purchasing Division will notify the vendor, in writing, of any such action with notice of the effective date of termination or suspension.
- 7. If the Fleet Management Division determines that the performance of the vendor does not comply with the bid requirements, the Division may:
  - A. Immediately suspend the work; and
  - B. Notify the vendor of the non-performance with a requirement that the deficiency be corrected within ten (10) days of notification.
- 8. Each vehicle shall be delivered with one (1) operator's manual, factory warranty papers, and two (2) sets of keys. The ambulance shall be inspected and tested by the manufacturer before acceptance to determine compliance with the specifications and to test its ability to perform its intended use. A copy of the inspection report from each stage of the manufacturing process will be included on the owner's manual. Vehicles delivered with one (1) Service Manual-Chassis, one (1) Emissions Control Diagnostic Manual (chassis only), one Parts Manual for Chassis and patient manual only. Each vehicle must be delivered with:

One Chassis Service Manual

One Chassis Parts Manual

One Emissions Diagnostics manual

One Patient Compartment Service Manual

One Patient Compartment Parts Manual

One set, Patient Compartment Schematic Diagram,

Color-coded consistent with construction

9. Receipt of vehicle shall not constitute acceptance. Final acceptance and authorization of payment shall be given only after a thorough inspection that proves the vehicle meets bid specifications and conditions. Should the delivered vehicle(s) differ in any respect from specifications, payment will be withheld until the supplier takes necessary corrective action. Payment shall be made within 21 working days after receipt of invoice.

#### 10. Tag and Title:

- a. Section 319.23(50 Florida statutes, now requires that the <u>dealer</u> apply for tag and title for the purchaser of a motor vehicle. The Department of Highway Safety and Motor Vehicles has authorized the issuance of government license plates in the local County Tax Collector's office.
- b. The successful bidder shall be responsible for delivering vehicles with County tag and vehicle registration. Failure to follow this instruction shall result in non-acceptance of the vehicle(s) on the day of delivery. All costs incurred shall be included in the bid price of the vehicle.
- All titles shall be titled to Polk county Board of County Commissioners, P.O. Box 988, 330 West Church Street, Bartow, Florida, 33831.
- 11. The bid price will include delivery of fully serviced vehicles including ten (10) gallons of diesel for each ready for operation, F.O.B. Fleet Management Division, 2950 Bob Phillips Road, Bartow, Florida, 33831.
- 12. In addition to equipment specified and options specified, vehicles shall be equipped with all standard equipment as specified by manufacturer for this model and shall comply with all E.P.A. Transportation regarding eh manufacture of motor vehicles.
- 13. In order to be considered in the award of this bid, all bidders must possess a <u>Florida</u> Dealers License.
- 14. All bidders shall enclose with their bid a copy of their Florida Dealers License. Bidders failing to do so may subject their bid to rejection.

15. A list of discrepancies for correction will be provided to the manufacturer by Polk County within fifteen (15) days of the delivery of the ambulance.

#### 16. ACCEPTANCE AND PERFORMANCE PERIOD

The unit shall be delivered with a full compliment of equipment. After the delivery of an ambulance, if the unit cannot be accepted because of the malfunction within a thirty (30) day period after the ambulance has been delivered, the Contractor may be deemed default for the unit.

#### 17. INDEMNIFICATION AND INSURANCE

The contractor shall indemnify and save the County harmless from any and all claims, liability, losses, and causes of actions, which may arise out of the fulfillment of this agreement. The Contractor shall pay all claims and losses of any nature whatever in connection therewith, and shall defend all suits, in the name of the County when applicable, and shall pay all costs and judgments, which may ensue thereafter.

- 18. Delivery of ambulance(s) shall not exceed one hundred eighty (180) calendar days after receipt of order. If the successful vendor is unable to deliver within that time frame, the county reserves the right to cancel bid and to award to the next lowest bidder.
- 19. The following shall be submitted with the bid:
  - a. Any pertinent data necessary to analyze quoter's unit and qualifications based on our specifications.
  - b. Warranties and guarantees against defective materials and workmanship.

#### 20. PRODUCT LIABILITY INSURANCE

The successful vendor shall provide a minimum of two (2) million dollars (\$2,000,000.00) Product Liability coverage insurance to provide protection to Polk County from claims set forth which may arise out of or result from successful bidders construction (assembly and workmanship of ambulances) performance. Insurance Company shall have a rating of AM Best rating of A8 or better. The successful vendor shall provide the Certificate of Product Liability Insurance before payment will be made.

#### 21. BIDDER RESPONSIBILITY

POLK COUNTY reserves the right to inspect the work in process at the successful bidders premises when the job is approximately 50% completed. Also, the final inspection and receipt shall be made at the successful bidder's premises. Financial responsibility for these inspection trips shall be borne by the successful bidder.

A copy of compliance to Federal Certification KKK-1822-D shall be submitted with the bid.

The location of the nearest complete parts depot where a full complement of parts, and the ability to repair the above vehicle, shall be submitted with the bid.

Bidders shall submit complete warranty of the proposed vehicle and the authorized location where warranty work shall be performed.

- 22. The following shall be submitted with the bid.
  - a. Written warranties on basic ambulance, electrical system and modular structure. All warranties must be signed by the officer of the manufacturer of the ambulance to be considered valid.
  - b. Proof of the manufacturers Product Liability Insurance in the minimum amount of Two Million Dollars (\$2,000, 000.00).
  - c. Name, address and phone number of nearest service facility providing warranty service for manufacturer. <u>Manufacturer service facility must be within 200 miles of Polk County Fleet Management.</u>
  - d. Written exceptions explaining in detail any and all exceptions taken to this bid specification, noting page number, section, title and paragraph that exception refers to.
  - e. Cost of during production and pre-delivery inspection must be included in bid price. These inspection trips are to include air transportation by commercial airline if over 200 miles to factor from Polk County, Florida. Meals, lodging and all transportation costs for a minimum of two (2) people for each of the two (2) trips.
- 23. Bidder shall indicate the level of service to perform warranty work:

 Sales Representative
 Dealership
Ambulance Manufacturer

Please check one of the above and submit with bid.

#### 24. CONTRACT EXTENSION

By signing the bid, the bidder agrees to permit Polk County to purchase additional ambulances from this contract for a period of <u>twelve months from award date</u>. The County will agree to pay cost increases applicable to the chassis only, but only with proof based on actual chassis invoices from the manufacturer.

25. For further bid information, please contact Jack Helwig, III, Assistant Purchasing Director, Polk County Purchasing Division, at (863) 534-5617.

#### **SPECIFICATIONS**

Chassis, Freightliner Sprinter C-3500HC

Vehicle Operation, Performance, and Physical Characteristics.

The following is a description of the chassis that will meet the minimum requirements of this specification.

The Bidder shall submit certifications from an independent testing laboratory that the vehicle type being supplied to this Agency is in compliance with the following requirements of Federal Ambulance Specification KKK-A-1822E.

- Paragraph 3.4.4, Vehicle Performance.
- 2. Paragraph 3.4.5, Brakes.
- 3. Paragraph 3.4.6, Speed.
- 4. Paragraph 3.4.7, Acceleration.
- 5. Paragraph 3.4.8, Grade ability.
- 6. Paragraph 3.4.8.1, Grade ability at Speed.
- 7. Paragraph 3.4.8.2, Minimum Low Speed Grade ability.

These certifications shall be from an independent testing laboratory and NOT from the ambulance manufacturer's staff. These certifications shall be submitted with the bid proposal. Bids not meeting this requirement shall be rejected.

#### Model

Freightliner Sprinter steel unibody design with integral steel raised roof Model 001-081 C-3500HC 140" WB dual rear wheel. High Roof Cargo Van 230"L. X 106"H X 79"W. (mirrors folded) 94"W. (unfolded)

#### Warranty

3 year, 80,000 mile bumper to bumper chassis warranty 5 year, 100,000 mile engine warranty Conversion Electrical Warranty is 5 years, 75,000 miles Conversion General Warranty is 3 years, 36,000 miles

#### **Powertrain**

MBE 600 2.7 Liter turbocharged 5 cylinder diesel engine. 156 HP @3800 RPM, 244 ft/lbs torque @1400 RPM 200 amp alternator. 200 amp dual batteries. 5- speed electronic automatic transmission with overdrive, lockup. Transmission oil cooler Rear wheel drive. 3.73 axle ratio. 25 gallon fuel tank.

#### Steering and suspension

Power-assisted rack and pinion.

4 wheel disc brakes with ABS, traction control and automatic load sensing.

9,900 lbs. GVWR.

3,500 lbs. MBA F03 front axle.

Front stabilizer bar.

Front shocks.

7000 lbs. MB-R07 rear axle.

Reinforced rear stabilizer bar.

Rear shocks.

Front and rear 15.0" steel wheels.

Goodyear 195/70R15 front and rear tires.

#### Safety

4-wheel anti-lock braking system with anti-slip.

Dual front airbags.

Driver and passenger side air bag supplemental restraint system.

3 point driver and passenger seat belt retractors.

Impact absorbing interior panels and sheet metal.

Daytime running lights.

Large windshield for unimpeded view.

#### Comfort and convenience

Cruise Control.

Air Conditioning and rear air conditioning.

Becker AM/FM Cassette stereo radio w/ two speakers.

Power door locks with remote.

Power windows in cab.

Outside temperature gauge.

Electronic Speedometer with odometer

Warning indicators include oil pressure, water temperature, battery, key in ignition, low fuel and door ajar.

Single electronic wiper motor with delay.

Day-night rearview mirror.

Interior lights including dome light.

Full height rear doors with 270 degree opening.

#### Seating and interior

Front seats with adjustable headrests and air lumbar support.

4-way adjustable driver seat.

4-way adjustable passenger seat.

Vinyl with cloth insert front seats.

Armrest inboard on driver and passenger seats.

ABS door trim, driver door includes triangular reflector storage.

Rubber floor covering, Passenger floor storage of jack and tire tools.

Plastic/rubber gearshift knob.

#### **Exterior Features**

Front and rear license plate bracket.

Black door handles.

Chrome grille.

Driver and passenger Aerodynamic remote/heated outside mirrors.

Integral left and right convex mirrors above standard mirror.

Aerodynamic bumper- solid gray.

Aero-composite halogen headlamps.

Right side sliding door with window.

Full height rear swing doors with windows.

Basket type tire carrier under rear frame rails.

Front and rear mud flaps.

Rear bumper with integral step.

Walk through with sliding door-Sprinter Cab to Body Connection.

To meet the requirements of KKK-A-1822E an opening shall be provided between the cab compartment and the patient area. This opening shall measure approximately 72" high x 18" wide.

A sliding door shall be provided with a locking latch on the driver's side of the doorway. This door shall have an opening-viewing window of at least 150 square inches to allow for both visual and voice check by the driver. The window opening shall be a slide open, transparent, shatterproof panel treated or located in the sliding access door to prevent interfering with the driver's night vision.

Rear door panels, OEM w/aluminum diamond plate kick panel **Body Entry Door Interior Trim**.

The rear entry doors into the patient compartment shall be covered with the OEM ABS panels with a lower kick panel of polished aluminum diamond plate.

Additional Grab Handle Selections - see below:

INSULATION OPTIONS

Insulation - standard reflective package Patient Compartment Insulation.

The entire ambulance body around the patient's compartment including the sides, front, rear, roof, and <u>floor</u> shall be insulated to enhance the environmental criteria specified in Federal Ambulance Specification KKK-A-1822E.

Within the modular structure, the manufacturer shall supply an insulating material that is nonflammable 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 the bid. Bids not meeting this requirement cannot be accepted.

The insulating material used shall be of a non-settling type, vermin-proof, mildew-proof, fire retardant, non-toxic, and non-hygroscopic. 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.

The insulation material used shall be installed so as to create an <u>unbroken</u> thermal, acoustical, and vapor barrier throughout the walls, ceiling and floor of the patient's compartment. This barrier shall have a minimum insulation R-value of 11. Any insulation system that allows an exposed metal structure to transfer heat or cold into the crew compartment is not acceptable. All exterior modular body doors, compartment or access, shall be similarly insulated.

12v ELECTRICAL OPTIONS

Electrical Multiplexed V-Mux System ELECTRICAL SYSTEM AND COMPONENTS.

#### 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 subparagraphs 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. All exterior housings of lamps, electronic devices, and fixtures shall be corrosion resistant and weatherproofed.

#### **Electrical Control System.**

The electrical system for this vehicle shall be the most technologically advanced system available for emergency vehicles. It shall not be of an experimental nature, but shall have met all the requirements set forth in the Federal Ambulance Specification KKK-A-1822E and the Ambulance Manufacture's Division (AMD) Standards. Installation and use of this system shall not compromise the Guidelines established in the Ford Motor Company QVM Program.

The power distribution units or nodes provide multiple control and management of the electrical power provided by the chassis electrical system and assist in the critical maintenance of vehicle batteries. Nodes shall be positioned in the vehicle to minimize the length of wire runs to the devices they control. For ease of service, these nodes shall be centrally located. There shall be provided in this area a grounding buss for each device controlled by a node.

The electrical system shall provide multiple switching and interlocks to turn on outputs from two or three switch locations making control of specific devices more operationally efficient. Multiple devices shall be controlled On or Off with a single switching function.

The system shall have the capability to shed extraneous electrical loads from any node out-put at eight (8) different voltage levels. This feature shall provide micro-management of necessary electrical loads during acute or transitory electrical system failures. This shall allow the vehicle to perform even though there are service issues to attend to.

Sequenced loading of the electrical system shall be accomplished within a range of "0" or "4" seconds delay at any output in a given node. This shall allow for micro-management of an upload of the electrical system at the beginning of an emergency run.

The system shall have the capability to flash any node output in either A or B phase. This means that any light on the vehicle can be programmed to flash without the use of additional flashers or relays. The flash rate shall be eighty (80) flashes per minute with no more than two-tenths (.20v) volts drop through the node. The durability of this system shall equate to one hundred (100) times the durability of a conventional relay-type system.

The system shall provide instant message feedback if any output experiences a failure. If a halogen lamp or strobe tube burns out, an error message will be displayed until such time as the lamp is replaced and the system powered down.

The system shall be designed to survive extreme temperature conditions from -40F to +185F. The system shall be sealed against environmental conditions of moisture, salt and fluids and shall be protected against over voltage and reverse polarity conditions.

Troubleshooting and service shall be accomplished by attaching a PC Diagnostics interface and viewing the messages across the communications node on a laptop computer. Each node shall be capable of being queried for voltage levels and indicate where in the system a voltage drop has occurred. Status of all inputs and outputs shall be determined through the PC interface.

The electrical control system shall be the Weldon Technologies, Inc. (WTI) V-MUX Multiplex System. As Weldon is a vendor whose products are available to any ambulance manufacturer, no other electrical control system will be accepted.

#### **Electrical Load Worksheet.**

The Bidder shall submit with the bid response a complete electrical load analysis worksheet. This is required so that this Agency can determine if the vehicle's electrical system is overloaded. The Bidder shall point out in the bid response if the system is overloaded and suggest correction methods. Bids not meeting this requirement cannot be accepted.

All exterior housings of lamps, electric devices and fixtures shall be corrosion resistant and weatherproofed. Electrical fixtures attached to the sides of the ambulance 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.

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 Bidder shall submit with the bid proposal certification from an independent testing laboratory that the electrical system has been tested to and complies with Federal Ambulance Specification KKK-A-1822E.

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 KKK-A-1822E. Certification from an independent testing laboratory that the electrical system is in compliance with this requirement shall be submitted with the bid response.

#### 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.

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 bid. 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. The wires in this multi-conductor cable shall be color coded but do not need the number or function codes embossed as described above.

<u>SPECIAL NOTICE TO BIDDERS</u>: Wiring code numbers that are paper or plastic, which are glued or otherwise attached to the wire, are not considered by this Agency to be permanent and <u>will not</u> be accepted.

Wiring installed in the "second stage" manufacturing process shall be routed in conduit or high temperature loom with a rating of 300 degrees Fahrenheit where necessary to protect it. All added wiring shall 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 shall be properly grommeted and 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.

Circuit connections shall be made on barrier style terminal blocks utilizing binding post screws 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 <u>machine crimped</u> with a device that requires a complete crimp motion before release.

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

All wiring installed in the "second stage" manufacturing process that 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 <u>black</u> 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 manufacturer is not acceptable.

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.

The successful Bidder shall deliver with the finished vehicle a complete set of "as built" electrical diagrams. Should the vehicle not have these drawings at delivery it may be rejected or monies withheld until the drawings are provided. The Bidder shall submit with their bid package a sample set of the wiring schematics that would be provided with the finished vehicle. Bids not meeting this requirement shall not be accepted.

#### 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.

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 15-ampere circuit breaker shall be provided for future use. All wiring between the cab and module shall be connected to a terminal strip(s) or circuit boards. All connections and terminals provided shall comply with SAE J163, J561 or J928 as applicable. Documentation from an independent testing laboratory that the electrical system is in compliance with this requirement shall be submitted with the Bidder's proposal.

#### Electromagnetic Radiation and Suppression.

Electrical components, electronic equipment and devices used and installed on the ambulance, in addition to all subsystems (chassis, warning systems, etc.), shall be electromagnetic radiation suppressed, filtered, or shielded to prevent interference to radio and telemetry equipment aboard the vehicle and surrounding area. 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 aero medical equipment.

Sequencer/Load Manager - V-Mux Sequencer and Load Manager.

The ambulance shall be equipped with a electronic device integral to the V-Mux Control System that will turn on selected functions in a predetermined start up and shut down sequence. This shall prevent a sudden power overload from affecting the electrical charging system. This same device shall also function as a load manager. If a power deficit condition is detected it shall turn off predetermined electrical functions to prevent complete electrical system failure.

Electrical stored on CS above sliding door, Sprinter **ELECTRICAL ACCESS**.

All major electrical components including the Hercules nodes shall be located in a cabinet above the curbside sliding door.

Outlet, 12v -(2) Cigar, ILOS Milspecs 12 Volt DC Cigar Outlet.

The patient compartment shall be furnished with a 12 volt DC, 20-ampere capacity, and separately protected circuit, with two (2) 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 electrical system may impose.

The Schottky diode shall be; heat sink mounted, and has an inverse voltage rating of at least 45 volts, and also is rated to carry the maximum short circuit current until the circuit breaker opens. The diode shall be physically located in an accessible location and be electrically connected between the circuit breaker and the "action wall" mounted receptacles.

The receptacles shall be a cigar style connector. The receptacles shall be located, one on a vertical surface of the "action wall", and the second in the center of the FR/ALS bulkhead wall

12v Pre-Wire Selections - see below:

RADIO & INTERCOM OPTIONS

Radio coax prewire -standard Antenna Prewire

The vehicle shall be provided with an antenna opening and three (3) coaxial lead-in wire from the radio storage/mount area to a temporarily sealed antenna port. This port shall be on the centerline of the modular body roof. The antenna cable shall be a RG/58U or equal. Approximately 18 inches of extra cable shall be provided at the antenna port and at least 3 feet of extra cable at the radio storage area with a PL-259 connector soldered to the end of the cable.

Radio power supply - 40-amp breaker Radio Power Buss.

One (1) power buss(es) for this Agency's radios shall be provided for ease of radio installation. This power buss shall be protected by a 40-amp breaker. Exact location of this power supply shall be decided during the pre-construction meeting.

**CHARGING SYSTEM OPTIONS** 

Alternator, OEM - NO MODIFICATION

There shall be no modification to the O.E.M. alternator system.

Battery Charger Selections - see below:

#### AC POWER SYSTEM OPTIONS

Shoreline power - standard connection - 20A **Shoreline Utility Power**.

The vehicle shall be furnished with a 2 wire plus ground 115 volt AC wiring system that is separate and distinct from the vehicle's 12 volt DC wiring system(s). The 115-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 this Agency. The 115-volt system shall incorporate a ground fault interrupter (GFI) device and a 20-ampere circuit breaker, which can be used as a "MASTER" 115 volt, disconnect switch. The GFI and circuit breaker may be an integral unit. All of the 115v 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 Bidder's proposal. The utility power connector shall be as described in Federal Specification KKK-A-1822E.

Inverter Selections - see below:

Inverter, Vanner 20-1050, 1050w with charger Inverter/charger

A Vanner 20-1050 inverter/charger shall be supplied with 1050 watts of continuous A/C power and provide for 12VDC 55 amp battery charging capabilities.

Outlets (2), 120v - Duplex, shoreline - 5-15 Shoreline Power Receptacles.

The patient compartment shall be furnished with a pair of 2-wire plus ground duplex 120-volt AC receptacles. Receptacles shall be near flush mounted with one outlet located on the vertical, primary patient, action wall and the other vertically located at the torso area of the secondary patient (squad bench). Both outlets shall be at least 12 inches from any oxygen outlet. An indicator shall be located within each 120 volt AC receptacle as a line monitor indicating a live (hot) circuit. The receptacles shall be labeled with the following: "120 VOLT AC".

#### BACK UP WARNING DEVICE OPTIONS

Back up Alarm.

A back up alert alarm; audible warning device activated when the vehicle is shifted into and/or moving in reverse shall be provided. This alarm shall meet the requirements of NFPA 1901, paragraph 3-3.5.8 as well as those of Federal Specification KKK-A-1822E.

#### **EMERGENCY WARNING LIGHT SYSTEM**

The system shall be installed in compliance with the requirements of KKK-A-1822E, and shall be as follows:

#### Front Light bar.

There shall be a Whelen 5000KKKFS 54" Light bar. The Light bar shall have three strobe lights, and two rotator-flashing lights. The lens configuration shall be red – red – red – red – red.

#### Rear Light bar.

There shall be a Whelen 5000KKKRS 54" Light bar. The Light bar shall have three strobe lights, and two scene lights. The lens configuration shall be red – clear – amber – clear - red

- Curbside Grille Light Sprinter The curbside grille light shall be comprised of the following component: Light, Whelen 400 LED, w/flange - RED
- Street side Grille Light Sprinter
   The street side grille light shall be comprised of the following component:
   Light, Whelen 400 LED, w/flange RED
- Curbside Intersector Light Sprinter The curbside light shall be comprised of the following component: Light, Whelen 400 LED, w/flange - RED
- Street side Intersector Light Sprinter The street sidelight shall be comprised of the following component: Light, Whelen 400 LED, w/flange - RED
- Street side Modular Body Light Sprinter
   The street side Forward light shall be comprised of the following component:
   Light, Whelen 900 LED, RED
- Street side Modular Body Light Sprinter
   The street side Rear light shall be comprised of the following component:
   Light, Whelen 900 LED, RED
- Curbside Modular Body Light Sprinter
   The curbside forward light shall be comprised of the following component:
   Light, Whelen 900 LED, RED
- Curbside Modular Body Light Sprinter
   The curbside rear light shall be comprised of the following component:
   Light, Whelen 900 LED, RED

FLASHERS & STROBE POWER SUPPLY OPTIONS

Flasher, Halogen, Part of the V-mux System Warning Light Flasher.

The LED warning lights shall be operated by the Weldon V-mux multiplex system.

Strobe Power Supply Selections - see below:

The strobe power supply shall be a Whelen UPS-158

SCENE LIGHT OPTIONS

Scene lights - Whelen 900 13 degree, (4) standard package Scene and Loading Lights (Exterior).

Scene and loading lights shall not be less than 75 inches above the ground and unobstructed by open doors. Scene lights shall be located on the left and right sides of the emergency vehicle, and be firmly fastened to the reinforced body surfaces below the roofline. The lamp(s) H-V shall be projected downward at an angle of 13 degrees from the horizontal plane.

Bid #03-090

The lighting on each side of the emergency vehicle shall consist of two (2) Whelen Engineering series 900 halogen lights with an 13-degree internal optical lens (total of 4). Scene light switches shall be located in the cab console, and control each pair of scene lights independently.

The rear curbside and rear street side scene lights shall also activate when the vehicle is placed in reverse or if the rear patient compartment doors are opened.

Rear Load Lights- (2) Whelen 600, Standard Loading Lights (Exterior).

There shall be two (2) Whelen series 600 halogen lights located in the Light bar with a 26-degree internal optical lens. Loading light(s) shall automatically be activated when the rear door(s) are opened and shall be incorporated into the FMVSS backup lighting system.

Spotlight, Optronics model KB4003 Spotlight.

One (1) hand held spotlight(s) shall be provided with a minimum 300,000-candle power lamp. This shall have an Optronics Blue Eye beam bulb. It shall be in a corrosion-proof housing with a momentary on switch and a minimum 8-foot heavy duty coiled cord. It shall be hard wired into the vehicle's 12v DC system (for anti-theft reasons) and be stowed in an applicable storage holder in the cab that is accessible to both the driver and passenger.

#### PATIENT & CREW INTERIOR LIGHT OPTIONS

Patient Headliner RFP white without air ducts **Headliner** 

There shall be installed a headliner of a non-porous white fiberglass reinforced plastic attached to the roof structure to present a finished appearance.

Patient Compt. Dome Lighting - (7) 8045 standard package **Patient Compartment Illumination**.

The patient compartment shall be provided with seven (7) overhead "dual-intensity" <u>halogen</u> lights. There shall be four (4) lights located over the "primary" patient area and three (3) 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.

The attendant shall be able to control these lighting levels 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 switch(s) found in the attendant's Weldon Vista Panel. 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.

Any system using either rheostat controlled lighting or fluorescent lighting shall be <u>unacceptable and shall not be considered</u>. Patient compartment lighting shall meet the requirements of 1 of Federal Specification KKK-A-1822E. Certifications shall be provided by an independent testing laboratory of compliance to this requirement.

Time Out Light Timer Selections - see below:

Fluorescent Light Selections - see below:

Light, action area 18" long - standard **Action Area Lighting**.

In the attendant's work or action area there shall be provided a 18" long incandescent, twin bulb, 12v DC light. This light shall be controlled by a switch on either the light itself or the attendant's control console.

Map Light Selections - see below:

AUDIBLE EMERGENCY WARNING OPTIONS

Siren, electronic - Whelen 295HFS1 Siren.

The vehicle shall be equipped with a Whelen WS 295 HFS1 electronic siren. This siren shall have a built in silent speaker test mode.

Speaker, siren - Whelen, Lo Pro, Standard Siren Speaker.

The vehicle shall be equipped with Whelen Lo-Pro under bumper mounted speaker.

CONSOLE, SWITCH & GAUGE OPTIONS

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Cab switches - EL 1/4 Vista Display

Cab Console Control Switches.

The driver's control console shall incorporate soft-touch style, moisture resistant, button type switches that are UL listed and CSA approved. The switch legends and functions shall be displayed on the EL 1/4 VGA Vista display screen utilizing a series of related "menus" for the control of each required function. The front Vista display panel shall contain the following features:

#### Main Menu

Module Temperature, Oxygen Contents, Emergency Master, Primary/Secondary, Front Light bar, Rear Light bar, Horn/Siren, Emergency Lights, Auxiliary Functions, Back up Alarm Cancel.

#### Embedded Data (always visible)

Amperage readings (alternator), Voltage readings (batteries), Outside Temperature, Module Power ON/OFF, Door/Compartment Open, Patient Code Indicators.

#### **Emergency Lights Menu**

Wigwag, LED's, Strobes, Front Light bar, Rear Light bar, Front Clear Lights

#### **Auxiliary Functions Menu**

Left Flood, Rear Flood, Right Flood, Spare Function, Vehicle Information, and Diagnostics.

#### **Vehicle Information Menu**

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Product Number, Vehicle Identification Number, Chassis fluid specifications.

Ammeter - standard in Vista Display

#### Ammeter.

The electrical system shall incorporate an ammeter, which is capable of indicating a current of 300 amperes to or from (charging or discharging) the battery storage bank. The ammeter shall incorporate an external shunt, which does not exceed 200 millivolts at maximum current. The ammeter and shunt shall have a combined accuracy of approximately 10 percent of the full-scale reading. The shunt shall be protected against physical damage, weather and road spray and shall be mounted in an easily accessible location, which shall minimize the length of the power cables. The readout for the ammeter display shall be within the Vista control display screen.

Voltmeter - standard in Vista Display

#### Voltmeter.

The vehicle shall be equipped with a voltmeter to monitor system voltage. The voltmeter connection shall be direct to eliminate erroneous readings from connection voltage drops. The readout for the voltmeter display shall be within the Vista control display screen.

Switch & Switching Selections - see below:

Switch, Master - standard

Master Module Disconnect Switch.

HOOT

BLS AMBULANCES Bid #03-090

This switch shall be located on the driver's compartment console and permanently marked. It shall be of a different color than the cab control switches. This switch shall supply power to activate the other switches in the cab and rear control panels. If this switch is off then the other switches within the vehicle's electrical circuits are not supplied with power.

Switch, primary/secondary - Automatic standard **Primary/Secondary Lighting Control**.

As required by Federal Specification KKK-A-1822E the emergency light switches shall be wired to provide the warning light signal modes and combinations as specified. The Primary/Secondary mode switch shall have an indicator light to show the driver which mode is activated. The vehicle shall be equipped with an automatic switch that places the warning light system into the "secondary" mode when placed in "park" or "neutral". A manual override switch shall be provided to allow the operator to switch the warning light system back to "primary" mode.

Clock, 6" with sweep hand, ALF logo Clock.

One (1) 6-inch clock with sweep hand showing time in both 12 hour and 24-hour for-mats shall be installed.

Console, patient compartment - Vista Display in AA 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 soft-touch style, moisture resistant, button type switches that are UL listed and CSA approved. The switch legends and functions shall be displayed on the EL 1/4 VGA Vista display screen utilizing a series of related "menus" for the control of each required function. The Vista display panel shall contain the following features:

#### Main Menu

Lights Menu, HVAC Menu, Oxygen System, Suction System, Inverter, Exhaust Fan, and two Spare Functions. *Embedded Data* (always visible) Module Temperature, Oxygen Contents, Outside Temperature.

#### **Lighting Menu**

Left Dome, Right Dome, Oxygen System, Suction System, Cabinet Lights, Fluorescent Lights, Action Area Lights, And Spare Function. *Embedded Data* (always visible) Module Temperature, Oxygen Contents.

#### **HVAC Menu**

Heat or AC Selection, Spare Function, Oxygen System, Suction System, Fan Speed, three Spare Functions. *Embedded Data (always visible)* Set Temperature, Module Temperature, Oxygen Contents.

**ALARMS & WARNING INDICATOR OPTIONS** 

Door open warning indicator - VFD Display Standard **Door Open Warning Indicator**.

#### **BLS AMBULANCES**

There shall be a vacuum fluorescent display (VFD) in the cabs control console that will provide a readout indicating if a door is open and that doors location on the vehicle. Next to this display there shall be a ½-inch diameter flashing light. This light shall flash to draw attention to the message in the VFD when a door is open. Should the vehicle be placed in gear with an open door an audible alarm shall sound.

Battery indicator - Green backlit label **Battery Indicator**.

A battery "ON" indicator light shall be provided. This shall be a GREEN Backlit label located in the cab control console that will illuminate when the battery switch is in the "ON" position. This indicator shall be labeled to define its function.

INTERIOR STORAGE & DESIGN OPTIONS Interior Surfaces.

The interior of the patient's compartment shall be free of all sharp projections. Exposed edges and corners shall be broken with a radius, chamfered, padded or shall be covered with a highly polished stainless steel trim piece.

The finish of the entire patient's compartment, including storage cabinets and equipment, shall be impervious to soap and water, disinfectants, mildew and shall be fire resistant as per FMVSS 301. All interior cabinets, including the location of medical equipment and supplies and the equipment and supplies necessary for airway care, artificial ventilation, oxygenation and suction shall be within easy reach of the technician at the head of the stretcher.

Interior Stowage Accommodations.

The interior of the patient compartment shall provide the following cabinets and storage space. The Bidder is required to submit with the bid two (2) "A" size drawings of the proposed ambulance design. Bids not meeting this requirement cannot be properly evaluated and will not be considered responsive.

Where specified there shall be adjustable shelves in the cabinets. The cabinets shall be constructed of a combination of 3/4 inch and 1/2 inch birch and AC grade fir plywood and shall be covered on all surfaces and edges with a high-grade plastic laminate. This Agency shall choose the color scheme from samples supplied by the successful Bidder. 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 structure.

#### Cabinet package, Sprinter Standard

Cabinet package for Sprinter shall consist of an action area with controls and switching and cabinets above action area, and six (6) various size cabinets over and to the rear. At the front bulkhead storage housing the heat/ air conditioning unit and an ALS cabinet with inside-outside access and access from the attendant seat. On the curb sidewall there shall be a squad bench in accordance with Federal Standard KKK-A-1822E with storage underneath and seat belts for seating as well as prone patient. Specific dimensions and construction technique follows.

BLS AMBULANCES Bid #03-090

#### **Patient Compartment Interior Dimensions.**

The patient compartment of the ambulance shall meet the following as minimum requirements:

#### Length:

Length measured from the bulkhead to the inside edge of the rear doors at the floor shall be at least 122 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.

#### Width:

The width of the patient compartment, after the installation of the cabinets, shall provide at least 35 inches between the left wall and the face of the squad bench.

## Height:

The patient compartment shall provide at least 72 inches of height over the primary patient area measured from floor to ceiling.

#### Location of Medical Equipment and Supplies.

The equipment and supplies necessary for airway care; artificial ventilation, oxygenation and suction shall be within easy reach of the technician at the head of the stretcher.

#### Interior Stowage Accommodations.

The interior of the patient compartment shall provide the following cabinets and storage space. The Bidder is required to submit with the bid two (2) "A" size drawings of the proposed ambulance design. Bids not meeting this requirement cannot be properly evaluated and will not be considered responsive.

Where specified there shall be adjustable shelves in the cabinets. The cabinets shall be constructed of a combination of 3/4 inch, 1/2 inch and 1/4 birch and AC grade fir plywood and shall be covered on all surfaces and edges with a high grade plastic laminate. This Agency shall choose the color scheme from samples supplied by the successful Bidder. 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 structure.

Oxygen cabinet, Rear of Street side Base wall, Sprinter Oxygen Storage Cabinet.

At the rear of the street side base wall cabinet shall be an oxygen cabinet with an angled hinged door for full access to the oxygen storage rack. This cabinet shall measure approximately 63" high x 12 1/2" wide x 11 15/16" deep. At the top of this cabinet shall be access for the exhaust blower.

Base wall cabinet, stair chair storage at rear with two straps **Street Side Storage**.

The first (1st) interior street side storage cabinet shall be located at the rear of the compartment. It shall have interior dimensions of 57" H x 39 5/8" W x 12" D. This cabinet shall be open for the storage of a stair chair or folding scoop stretcher. There shall be two Restraint Straps, both installed center between the floor and the top of the cabinet.

The first shall be installed inset 7" on wall #1 and #3, the second near the outside edge.

The second (2nd) interior street side storage cabinet shall be located forward of the first. It shall have interior dimensions of 21" H x 41" W x 11t/13 3/4b" D. This cabinet shall have one (1) full width adjustable shelf.

The third (3rd) interior street side storage cabinet shall be located below the second. It shall have interior dimensions of 21" H x 41" W x 14 1/4" D. This cabinet shall have one (1) full width adjustable shelf.

At the front of the wall cabinet there shall be a medical "action area" for patient care items during treatment. This action area shall measure 42" L x 26" H. All edges of this work surface shall be sealed to prevent blood and other fluids from seeping into the storage cabinets and to aid in clean up after a call.

Under the action area shall be another street side storage cabinet. It shall have interior dimensions of 13 1/2" H x 42" W x 14 1/4" D.

Door, Cabinet "D", sliding Lexan Cabinet "D" door.

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The doors for this cabinet shall be 3/16" sliding Lexan in an extruded aluminum track.

Door, Cabinet "E", sliding Lexan Cabinet "E" door.

The doors for this cabinet shall be 3/16" sliding Lexan in an extruded aluminum track.

Door, Cabinet "F", sliding Lexan Cabinet "F" door.

The doors for this cabinet shall be 3/16" sliding Lexan in an extruded aluminum track.

Base wall cabinet upper, Sprinter **Street Side Storage**.

The first (1st) interior street side storage cabinet shall be located at the rear of the compartment. It shall have interior dimensions of 14" H x 32" W x 7t/11b" D.

The second (2nd) interior street side storage cabinet shall be located forward of the first. It shall have interior dimensions of 14" H x 32" W x 7t/11b" D.

#### Bid #03-090

The third (3rd) interior street side storage cabinet shall be located forward of the second, above the action area. It shall have interior dimensions of 14" H x 42" W x 7t/11b" D.

Cabinet "A" and "B" with combined Door Combined cabinet "A" and "B"

The interior street side storage cabinet located at the rear of the compartment near the ceiling. It shall be 14" H. x 41" W. X 7t/11b" D.

Door, Cabinet "A", sliding Lexan Cabinet "A" door.

The doors for this cabinet shall be 3/16" sliding Lexan in an extruded aluminum track.

Door, Cabinet "C", sliding Lexan Cabinet "C" door.

The doors for this cabinet shall be 3/16" sliding Lexan in an extruded aluminum track.

ALS, /Air conditioning Cabinet, Right Front Bulkhead Air Conditioning/ A.L.S. Cabinet.

At the curbside of the bulkhead cabinet shall be an air conditioning cabinet with an angled hinged door for full access to the rear air conditioner/heater. This cabinet shall measure approximately 72" high x 23 1/2" wide x 15 1/2" deep. At the top of this cabinet shall be an area 10" high to house outlets for the blower. The lower 21" shall be enclosed for the air conditioner and the middle 40" shall be open with two (2) fully adjustable shelves for storage.

Cabinet, Curbside upper over bench, Sprinter Curbside Splint Cabinet

Located above the squad bench there shall be two (2) interior storage cabinets. These shall be identical in size with a solid divider wall between the two. They shall have interior dimensions of 10 1/2" H x 36 W x 3t/5 1/2b" D.

Doors, Cabinet CS over S/B, Clear Sliding Lexan doors Cabinet Door

The doors for this cabinet shall be 3/16" sliding clear Lexan in an extruded aluminum track.

Squad bench, Sprinter 16" backboard Squad bench storage

The squad bench will have a storage area above the wheel well accessed thru top of bench. There shall be a locking drug storage cabinet 16" H x 13 1/4" W x 25" deep. Backboards shall be stored beneath the squad bench lid, with access at the rear. It shall hold two 16" backboards in the 5" H. area. The face of the squad bench shall be angled back to provide additional foot room.

#### Bid #03-090

Hold open, Squad bench, Jedco, Std.

#### Squad Bench hold opens

There shall be two (2) Jedco ratchet style "hold open" devices for the squad bench lid.

Squad bench, Latch -Standard Squad Bench Latch

The squad bench lid will have a latch to prevent the lid from coming open unintentionally.

Cabinet Lock Options: see below

Lock, cabinet - KV70 Cabinet Lock.

The one (1) following interior cabinet(s) shall have a KV70 key lock installed.

Attendant Seating Selections - see below:

Seat, attendant high back, Bostrom-Sierra, Std. 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 provided with a seat belt. The seat is to have an adjustable track to allow movement for attendants of different size. Should the vehicle be delivered and not meet this requirement it shall <u>NOT</u> be accepted. The seat and its mounting shall meet the FMVSS requirements.

Attendant seat base, pedestal - ILOS Attendant Seat Mounting

The attendant seat shall be mounted on a metal pedestal and shall be provided with a seat belt.

Grab rail, ceiling, dual, standard

Patient Compartment Ceiling Grab Rails

There shall be two ceiling mounted grab rails

Grab rail on oxygen cabinet, street side rear

Mica, Gray Cabinet Finish.

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The patient compartment cabinets shall be covered with a high quality cabinet laminate. The color scheme of the interior shall be "Gray".

Upholstery, Medium Ash Gray **Upholstery**.

Upholstered cushions shall be a minimum of 36-ounce upholstery material. The vinyl material used to cover these cushions shall be treated with an anti-bacterial/anti-microbial surface seal. The vinyl shall also be mildew resistant on both backing and face.

The vinyl used shall be tested to meet the following "flammability" requirements:

- 1. Boston Fire Department Test (sect. 11.07 fire code 1959).
- 2. California State Fire Marshall Test (par. 1273.3 fire code Title 19).
- 3. New York Port Authority.
- 4. Federal specification CCC-A-680A.
- 5. Federal specification CCC-A-700E.
- 6. FAA, FAR 25.853
- 7. ASTM D626 55T.
- 8. Ohio & Cincinnati Bldg. Code.
- 9. California Flammability Regulation 117.75, Section E.

Literature shall be provided with the bid response showing that the proposed vinyl to be used meets the above requirements.

The patient compartment squad bench seat, backrest and other related upholstered pieces shall be vacuum formed to eliminate exposed seams. Stitched seams or exposed welting material is unacceptable to this Agency. The backing material shall be of a material that is non-hygroscopic to prevent the absorption of blood and fluids. Plywood or other similar material is not acceptable.

A pliable gasket material shall be provided around the perimeter of the backing material to prevent any fluids from pooling between the vinyl and the backing board.

The interior upholstery and trim pieces shall be "medium gray" in color.

Lexan, Clear

#### Lexan Windows and Doors.

Where specified the storage cabinets shall have shatterproof Lexan windows or doors. Where sliding doors are required, the Lexan shall be set in an extruded anodized aluminum frame. This frame will incorporate a replaceable track section.

The Lexan used in these areas shall be at least 3/16 inch thick. The color is to be "clear".

Vinyl floor - Lon plate II non-skid, Mica #421

### Floor Coverings and Color.

The floor covering shall be a vinyl material with a high PVC content. This covering shall be of a color that matches and compliments the color scheme of the interior and shall extend up the cabinet walls 3 inches for ease of cleaning.

The floor material shall be Lon plate ##421 Mica.

#### IV MANAGEMENT EQUIPMENT OPTIONS

IV Fluid Holders, Perko - Pair (2) - STD IV Holders for Intravenous Fluid Containers.

Two near flush style, I.V. ceiling holders with a Velcro type strap to hold and control I.V. bags/bottles, shall be provided. These holders shall not protrude more than 2.5 cm (1"), be located on or adjacent to the side wall, one at the head of the primary patient and one at the head of the secondary patient's cot (squad bench).

STRETCHERS & MOUNTING OPTIONS

Stryker or Ferno cot fastener, wall mount Litter Fasteners and Anchorages.

Shall be as specified in Federal Specification KKK-A-1822E.

**ENVIRONMENTAL SYSTEM OPTIONS** 

AC & Heat environmental system - Sprinter- STANDARD Patient Compartment Environmental System.

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 0 degrees to 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 the patient compartment. 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 patient's compartment environment shall not in any way be dependent upon the driver's compartment for temperature control settings.

#### Patient Compartment Environmental Equipment.

The patient compartment shall be heated 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 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 to this Agency.

#### Heating Criteria.

The heater shall provide 35,000 BTUs of heat.

#### Air Conditioning Criteria.

The air conditioner shall be located near the ceiling in close proximity to the patient compartment's centerline. It shall be rated at a minimum cooling capacity of 27,700 BTUs. The air conditioner's blower shall have a minimum free airflow of 465 cubic feet per minute (CFM). The airflow under load shall be at least 325 cubic feet per minute at one (1) inch static pressure.

The patient compartment's air conditioning shall be distributed throughout the compartment via multiple air vents. These vents shall be placed so as to provide wide distribution of air conditioning throughout the patient's compartment. There shall be a minimum of three (3) vents in the right front cabinet. Of these, one (1) vent shall face the attendant's seat at the head of the primary patient. Two (2) vents shall face the primary patient. These vents shall be designed to give full control over the airflow direction including the ability to cut the airflow off. The air duct system being used shall be properly insulated to prevent condensation at the air outlets.

This Agency is concerned with having the most efficient air conditioning system possible. With this in mind the air conditioning system shall provide full air recirculation through the patient compartment. A dedicated return shall be provided to force all return air through a charcoal pre-filter enroute to the air conditioning unit. This filter shall be easily replaceable and provide entrapment of foreign particles to enhance the life cycle of the air conditioning unit.

The Bidder shall provide with the bid response documentation that the air conditioner <u>and its</u> <u>distribution system</u> have been tested by an independent testing laboratory for compliance with Federal Specification KKK-A-1822E. These certification documents must be included in the bid response.

Thermostat for AC system in Vista display

#### **Thermostat**

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

Ventilator, power exhaust - standard **Exhaust Ventilator**.

An 4" exhaust ventilator rated at 240 CFM shall be installed in the patient compartment. A switch shall be provided in the patient compartment action area to operate this ventilator.

**OXYGEN & MEDICAL GAS SYSTEM OPTIONS** 

Oxygen Main System - STD Oxygen, Main Supply and Installation.

The ambulance shall have a hospital type piped oxygen system capable of storing and supplying a minimum of 3,000 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. Bidders shall indicate on the drawings submitted with the bid response the location of the main oxygen supply cylinder.

#### **BLS AMBULANCES**

Oxygen outlets, Ohio - (2) Standard Package Oxygen Outlets.

There shall be two (2) self-sealing Ohio type adaptable oxygen outlets located in the primary action area near the patient's head area.

O2 cylinder retention - "M" or "H" vertical- Zico QRMV Oxygen Cylinder Retention.

The oxygen cylinder shall be secured in its compartment by a Zico QRMV bracket. This rack shall secure an "M" or "H" size cylinder in a vertical position so that its gauge is visible through the oxygen-viewing window. Certifications from an independent testing laboratory that the oxygen cylinder restraint to be used has been tested to and passed the requirements of KKK-A-1822E and to AMD Standard 003, Oxygen Tank Retention System.

#### Portable Oxygen Cylinder holder

There shall be one (1) Ferno 521 Universal cylinder holder(s) installed in a location determined by this Agency at post award conference.

O2 Flow Control, electric with manual bypass Oxygen Flow Control.

An electric solenoid valve shall be installed in the oxygen line to control oxygen flow. The control switch and a manual control valve shall be controlled by the Vista Display Panel in the action area to control the oxygen flow from the cylinder regulator to the oxygen outlets.

Wrench, oxygen with restraint cable Oxygen Wrench

There shall be installed in the oxygen compartment a non-sparking wrench sized to attach the oxygen regulator to the oxygen bottle, this wrench shall be tethered to the wall to prevent it from being lost.

#### SUCTION SYSTEM OPTIONS

Impact on-board suction unit - Model 324K - standard Suction Aspirator, Primary Patient.

The ambulance shall be supplied with an on board vacuum aspirator. The unit shall be an Impact Model 324K suction system with 6' suction hose, 5' exhaust hose, (2) 1200 ml disposable canisters with lid and an integral basket style canister holder. Electronics certified to meet Mil-Std 461/462 as required by KKK-A-1822.

PAINT SCHEME OPTIONS
PREPARATION FOR PAINTING, COLOR, AND MARKINGS.

Color, Paint, and Finish.

As required in paragraph 6-3.1 of NFPA 1901 and Federal Specification KKK-A-1822E the ambulance shall have all exposed metal surfaces not chrome plated, stainless steel or bright polished aluminum diamond plate thoroughly cleaned, prepared and painted.

The exterior body paint and priming components to be used are to be PPG brand materials. The final "second stage" manufacturer's painted components shall have a paint film not less than 2 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, streaks, blushing, runs, sagging, blisters, "fish-eyes", pinholes, or other surface irregularities.

The painted exterior sheet metal of the ambulance 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 Bidder shall submit certifications from an independent testing laboratory that the "second stage" manufacturer being bid has been tested for compliance and does comply with this requirement.

To insure the best possible surface protection, finish and appearance the following procedures must be complied with. The body shall be primed and finish painted with all exterior mounted items removed. This includes door hardware, warning lights, D.O.T. lighting, metal trim pieces, etc. It is NOT permissible under these bid requirements to tape/mask off these items and paint around them. Full finish paint application must be behind all door hinges. The "second stage" manufacturer must then apply a vinyl tape made for preventing electrolysis between the stainless steel hinge and the painted doorjamb. This Agency will not accept a finished vehicle not meeting this requirement.

#### **Paint Color**

The finish paint color shall match this Agency's current paint codes. Correct codes shall be supplied to the successful bidder.

**DECALS, LETTERING & STRIPING OPTIONS** 

Pinstripe - BLACK, 1/4 inch standard **Pinstripe**.

The final color stripe of the ambulance shall be bordered on both sides with black 3M-brand adhesive pinstripe tape. This tape shall be 1/4 inch wide.

#### D.O.T. Emblems and Markings.

The ambulance shall be supplied with the emblems and markings as required in Federal Specification KKK-A-1822E. The final border color of these decals shall be black to match this Agency's existing fleet.

44

#### SHIP LOOSE EQUIPMENT OPTIONS

Fire Extinguisher Package - STANDARD Fire Extinguishers.

Unless otherwise precluded by this specification, the ambulance shall be equipped with two (2) 5 lbs. ABC dry chemical multi-purpose fire extinguishers with quick release brackets. These extinguishers shall be shipped loose with the vehicle unless mounting instructions are provided by this Agency during the pre-construction meeting.

Medical Supplies/Accessory Selections - see below:

Regulator, oxygen - 50 psi - LSP Oxygen Cylinder Regulator.

One (1) 50 psi. Oxygen regulator shall be installed on the primary oxygen cylinder and connector to outlet supply line.

**DELIVERY GET READY OPTIONS** 

Label, finished vehicle weight rating Finished Vehicle Weight Rating.

The manufacturer shall supply a weight-rating nameplate. In addition, the Bidder shall include in the Delivery Manu-al a <u>certified weight scale receipt</u> showing the final finished weight of the vehicle and its permanent equipment as specified in this specification.

Label, warning and information package

Markings, Data Plates, Warranty Notice, Etc.

The manufacturer's caution plates and identification plates shall be conspicuously installed for all equipment or functions requiring such notices.

Park brake warning label - STD Park Brake Warning Plate.

The manufacturer's caution plates for the parking brake shall be conspicuously installed on the dash.

Loose Delivery Item Selections - see below:

Detail interior and exterior of vehicle

Pre-Delivery Cleaning and Detail.

Prior to delivery to this Agency, the manufacturer shall clean and detail the finished vehicle. The exterior of the vehicle shall be hot water, pressure washed to remove any dirt that might scratch the paint during delivery.

#### BLS AMBULANCES Bid #03-090

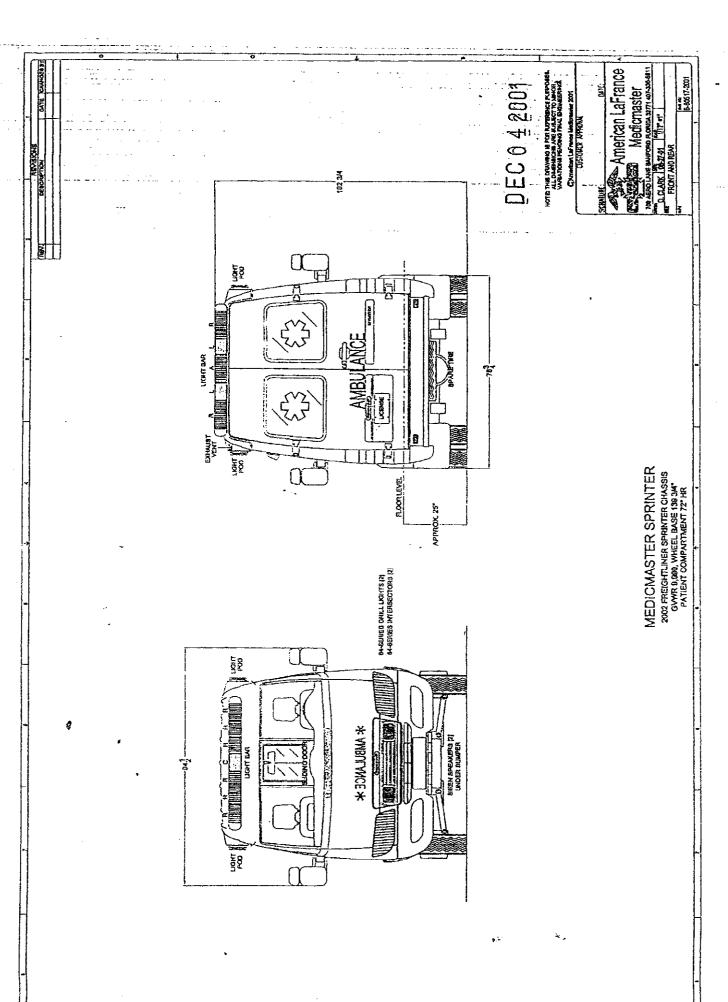
Pre-delivery requirements - STANDARD **Pre-Delivery Requirements**.

The manufacturer, prior to delivery to this Agency shall perform the following functions:

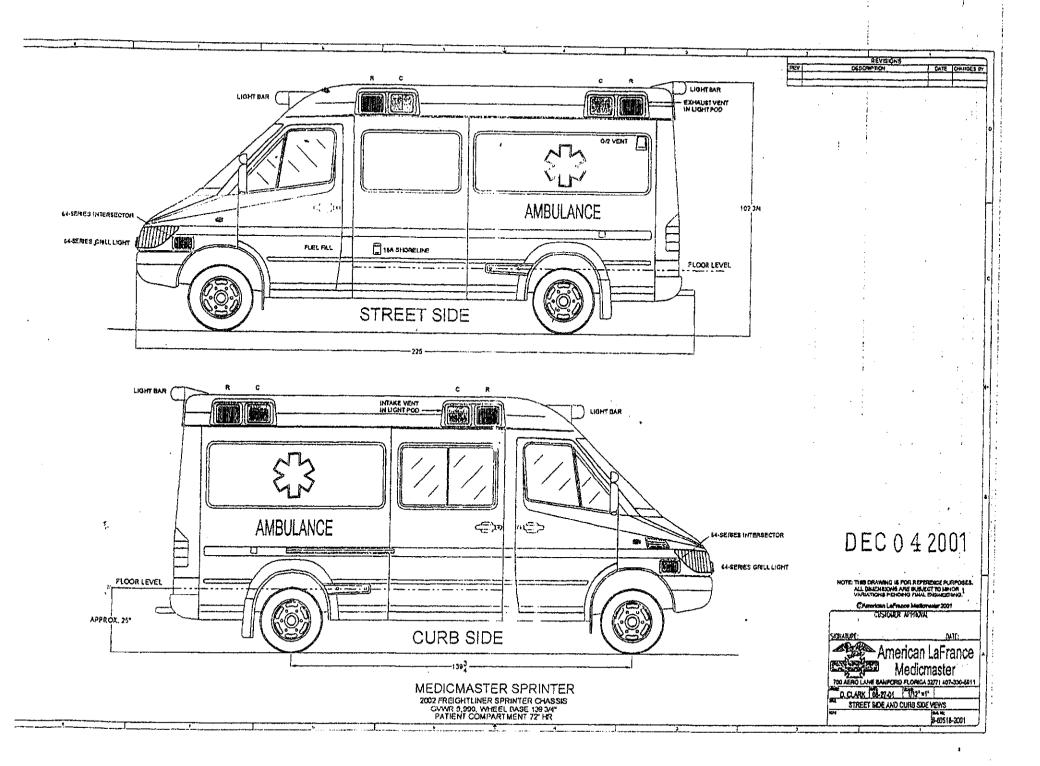
- 1. Weight the complete vehicle on a certified scale. A copy of this weight certification shall be included in the owner's manual.
- 2. Fill with fuel.
- 3. Check and top off transmission fluid.
- 4. Check and top off engine oil.
- 5. Check and top off power steering fluid.
- 6. Check and top off radiator overflow container.
- 7. Check and adjust tire pressure.
- 8. Perform a 30-mile road test and document route traveled.
- 9. Provide owner's manuals and electrical drawings.

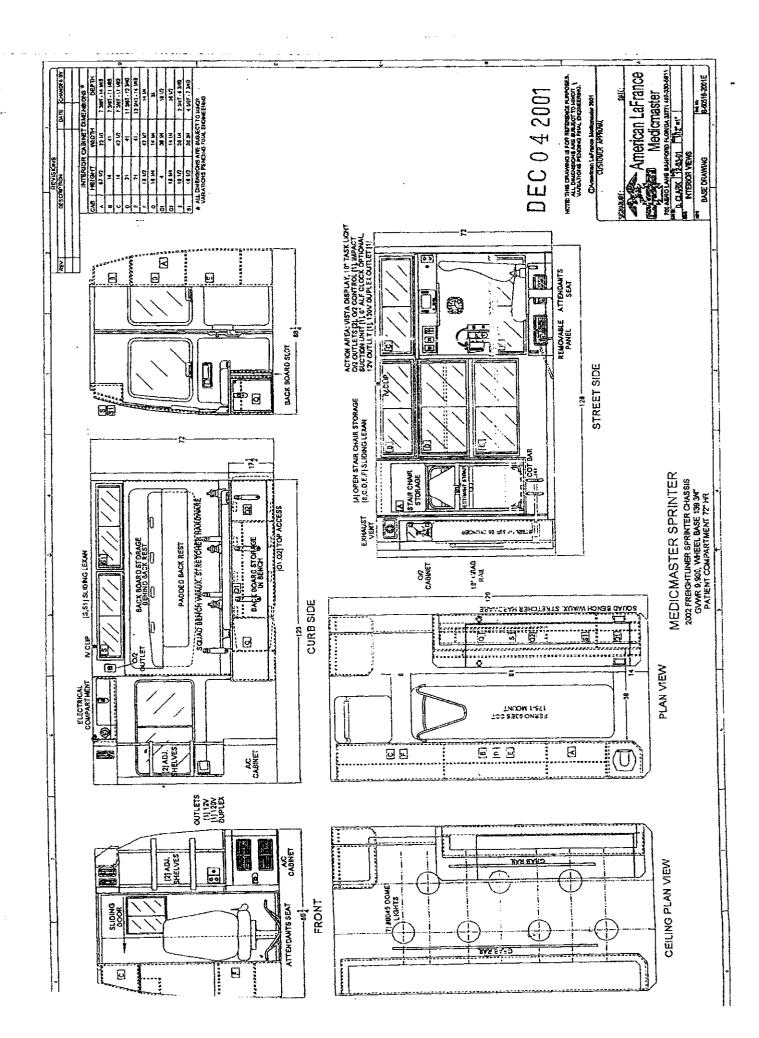
# **BID SHEET**

Quantity	<u>Description</u>	<u>Unit Pric</u>	<u>ce</u>	<u>Total</u>
Three (3)	New BLS Ambulances  As per specifications.	\$	_/ea \$	
	Manufacturer			
	Model #			
	Year			
Delivery ARO (After	receipt of order)		/days	



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W. A. "Buddy Storey, Jr. Director Purchasing Division



# ATTACHMENT#

2470 Clower Lane Bartow, Florida 33831-9005 Phone: (863) 534-5610

Fax: (863) 534-0055 www.polk-county.net

# **Board of County Commissioners**

July 24, 2003

Marilyn Rawlings Fleet Manager Lee County Fleet Management 2955 Van Buren Street Fort Myers, FL 33916

Dear Marilyn,

This letter will serve as authorization for you to piggy back off of the Polk County Bid # 03-090 which Polk County awarded to American LaFrancd for the purchase of BLS Ambulances.

If I can be of further service, please do not hesitate to contact me at 863-534-5619.

Ke Semon, Buyer

Polk County Purchasing Division

Board of County Commissioners Polk County P O BOX 9005 / Drawer AS05 P(863)534-5610 F(863) 534-0055 Bartow, FL 33831-9005

# **PURCHASE ORDER**

P.O. Number: 20393

Amendment: 0

Date: 5/16/2003

Page: [ of 1

Supplier No.:

038299

Ship Via: **BEST WAY** 

X

Terms:

Order Type: Normal Point of Dlvry

Confirm: No

Ref#: 03-090

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0

Tax: N

Cost Center:

599515

Supplier:

Bob lvcy American LaFrance P.O. Box 1707

Sanford, FL 32772-1707

FLEET MANAGEMENT Fleet Management Division 2450 Bob Phillips Road

F.O.B.;

Bartow, FL 33830

0

FLEET MANAGEMENT Fleet Management Division Drawer AS03 P O Box 9005 Bartow, FL 338319005

W O #: Project #: Note:

1 *03090 NEW BLS AMBULANCES EA 3.00 03/20/2003 THREE NEW 2003 BLS SPIJINTER AMBULANCES. TO REPLACE 202-1017, 202-1018. 102-1019. AMBULANCES TO BE BUILT IN ACCORDANCT. WITH BID# 03-090	59,127.0000	177,381.00
AND SPECT (CATIONS SUBMITTED.		ATTACHME

Special Instruction .

 $F^{\lambda_{0}}(x)$ 

PO# Reo'd on all invoices Federal Tax# A-188238 Federal Tax 1D#59-6000809 St. Tax# 63-04-060714-53C

Requisitioner: Jincic Roberson Req#: 00000000018068 Page Total; Buyer: Joe Semon Adjustment: Authorization: Joe Semon Tax:

P.O. Total: USD

177,381.00

0.00



ATTACHMENT#6

American LaFrance Ocala 1985 NW 57<sup>th</sup> Street Ocala, FL 34475-3031 (352) 351-1180 phone (352) 351-0346 fax DavidF@alfocala.com

July 30, 2003

Bob Franceschini, C.P.M., CPPB Lee County Purchasing Department 3434 Hancock Bridge Parkway North Fort Myers, Florida 33903

Re: Tag-On Proposal for Emergency Medical Vehicle

American LaFrance MedicMaster offers Lee County the opportunity to purchase ambulances from the Polk County Bid # 03-090 for Sprinter Ambulances. The price of a unit that meets LCEMS requirements is \$ 59,127.00

The above proposed units will be completed within approximately 90-120 calendar days after receipt and acceptance of a contract or purchase order at American LaFrance Ocala with all ordering information.

Payment terms proposed are net due upon delivery and acceptance. All prices will remain valid for at least sixty (60) calendar days from the date of this quote, but the stock vehicles proposed are subject to prior sale.

Prices listed exclude any local, state or federal taxes, which may be applicable to the apparatus proposed, unless otherwise indicated. If applicable, all such taxes are the responsibility of the purchaser. In the event of tax exemption, the purchaser must submit a tax exemption certificate.

The opportunity to submit this proposal and compete for your valued business is appreciated and we look forward to the opportunity to discuss this proposal in detail at your convenience.

Sincerely,

American LaFrance

David Fink

Sales Representative

# MEMORANDUM FROM THE DIVISION OF PURCHASING

LEE CO. ATTORNEY.

DATE: AUGUST 6, 2003

TO: MARILYN RAWLINGS FLEET MANAGER

FROM: <u>JANET SHEEHAN, CPPB</u>
PURCHASING DIRECTOR

RE: BLUE SHEET # 20030931

**PROJECT**: Two Sprinter Ambulances

<u>TYPE</u>: Piggyback Purchase

AWARDED TO: American LaFrance Medicmaster

Attn. Ms. Rawlings – When you have finished your review of this package, please forward it to John Wilson, Public Safety.

Attn. Mr. Wilson - When you have finished your review of this package, please forward it to Kristie Kroslack)in the County Attorney's Office.

If there are any questions or concerns with this package, please contact Bob Franceschini at 689-7385.