

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
333 West Ocean Boulevard, 11th Floor
Long Beach, CA 90802-4664

AGREEMENT
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THIS AGREEMENT is made and entered, in duplicate, as of February 5, 2014 for reference purposes only, pursuant to Resolution No. RES-14-0006 adopted by the City Council of the City of Long Beach at its meeting on January 7, 2014, by and between HALCORE GROUP, INC. DBA LEADER EMERGENCY VEHICLES, an Indiana corporation ("Contractor"), with a place of business located at 10941 Weaver Avenue, South El Monte, California 91733, and the CITY OF LONG BEACH ("City"), a municipal corporation.

WHEREAS, Section 1802 of the Long Beach City Charter permits the City to make purchases under the purchasing contracts of other governmental agencies when authorized to do so by a resolution; and

WHEREAS, the City desires to purchase seven (7) ambulances; and

WHEREAS, the City of Newport Beach has a Contract for the purchase of ambulances, Contract No. 5365 ("Newport Beach Contract"); and

WHEREAS, Resolution No. RES-14-0006 authorizes the City to purchase seven (7) ambulances by virtue of the Newport Beach Contract;

NOW, THEREFORE, in consideration of the terms and conditions contained in this Agreement, the parties agree as follows:

1. The Newport Beach Contract with Contractor, attached hereto as Exhibit "A" is incorporated by this reference as if fully set forth, and the same terms and conditions contained in the Newport Beach Contract shall be applicable here except as follows:

A. Wherever the Newport Beach Contract refers to the City of Newport Beach, it shall be deemed to refer to the City of Long Beach;

B. Contractor shall sell, furnish and deliver to the City seven (7) ambulances of substantially the same type and kind purchased by the City of Newport Beach on the same terms and conditions offered to the City of Newport

1 Beach, except as modified by Exhibit "B" attached hereto and incorporated in this
2 Agreement, for an amount not to exceed One Million Nine Hundred Seventeen
3 Thousand Four Hundred Seventy Dollars (\$1,917,470), including tax and shipping,
4 extending until the warranty on the ambulances expires. To the extent that the
5 Newport Beach Contract and this Agreement are inconsistent, the following priority
6 shall govern: (1) this Agreement and (2) the Newport Beach Contract.

7 C. Payment for the ambulances purchased from Contractor by
8 the City shall be made by the City on delivery to and acceptance of the
9 ambulances by the City and submittal of an invoice to the City. Payment is due
10 thirty (30) days after the date of the invoice.

11 D. All warranties shall accrue to the City of Long Beach.

12 2. Neither this Agreement nor any money that becomes due to
13 Contractor under this Agreement may be assigned by Contractor without the prior written
14 consent of the City Manager or his designee.

15 3. Any notice given under this Agreement shall be in writing and
16 personally delivered or deposited in the U.S. Postal Service, return receipt, and shall be
17 delivered or mailed to Contractor at the relevant address first stated above, and to the
18 City at 333 West Ocean Boulevard, Long Beach, California 90802 Attn: City Manager.
19 Notice shall be deemed given three days after deposit in the mail.

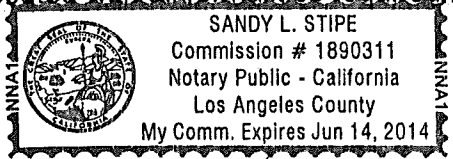
20 4. The terms appearing on the Newport Beach Contract are
21 incorporated in this Agreement.

22 5. Contractor shall cooperate with the City in all matters relating to self-
23 accrual of use tax. Contractor shall contact the City Treasurer for additional information
24 regarding self-accrual.

25 6. This Agreement and all documents which are incorporated by
26 reference in this Agreement constitute the entire understanding between the parties and
27 supersede all other agreements, oral or written, with respect to the subject matter of this
28 Agreement. If there is any legal proceeding between the parties to enforce or interpret

1 this Agreement, or to protect or establish any rights or remedies, the prevailing party shall
2 be entitled to its costs and expenses, including reasonable attorney's fees.

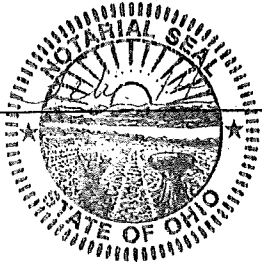
3 IN WITNESS WHEREOF, the parties have caused this document to be duly
4 executed with all formalities required by law as of the date first stated above.



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6
7 Sandy L. Stipe, 2014

HALCORE GROUP, INC. DBA LEADER
EMERGENCY VEHICLES, an Indiana
corporation

By [Signature]
Name Gary Hunter
Title President, CEO



8
9
10 Cheryl K. Engard, 2014
11 NOTARY PUBLIC - OHIO
12 MY COMMISSION EXPIRES NOVEMBER 13, 2015

By [Signature]
Name John Slawson
Title President, CEO

"Contractor"

CITY OF LONG BEACH, a municipal
corporation **Assistant City Manager**

13
14 2.20, 2014

By [Signature]
City Manager

"City" EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER.

17 This Agreement is approved as to form on Feb 19, 2014.

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19 CHARLES PARKIN, City Attorney

20 By [Signature]
21 Deputy

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
333 West Ocean Boulevard, 11th Floor
Long Beach, CA 90802-4664

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EXHIBIT “A”



CITY OF NEWPORT BEACH

OFFICE OF THE CITY CLERK

Leilani I. Brown, MMC

January 29, 2013

Halcore Group, Inc.
dba Leader Industries
Attn: Sandy Stipe
1941 Weaver Ave.
South El Monte, CA 91733

Re: Contract No. 5365

Dear Ms. Stipe:

Enclosed please find your executed copy of the Purchase Agreement for Three Emergency Ambulance Medical Vehicles between Halcore Group and the City of Newport Beach.

If you have any questions or need additional information, please contact Management Assistant, Raymond Reyes at (949) 644-3013.

Sincerely,

Leilani I. Brown, MMC
City Clerk

Enclosure

cc: Raymond Reyes, Municipal Operations (via email only)

**PURCHASE AGREEMENT
FOR THREE (3) EMERGENCY AMBULANCE MEDICAL VEHICLES FROM
HALCORE GROUP, INC. DBA LEADER INDUSTRIES**

This Purchase Agreement ("Agreement") is entered into as of this 22nd day of January, 2013 ("Effective Date"), by and between the CITY OF NEWPORT BEACH, a California municipal corporation and charter city ("City"), and HALCORE GROUP, INC., an Indiana corporation doing business as ("DBA") Leader Industries ("Vendor"), whose principal place of business is 10941 Weaver Ave., South El Monte, CA 91733.

RECITALS

- A. City is a municipal corporation duly organized and validly existing under the laws of the State of California with the power to carry on its business as it is now being conducted under the statutes of the State of California and the Charter of City.
- B. City requires three (3) new emergency ambulance medical vehicles ("Equipment") as further described in RFP No. 13-14 which is incorporated herein by this reference.
- C. Vendor has carefully reviewed and evaluated the specifications set forth by the City for the Equipment and has committed to deliver the Equipment required for the price specified in this Agreement within Three Hundred (300) calendar days commencing upon issuance of the "Notice to Proceed."
- E. City has solicited and received a proposal from Vendor, has evaluated the expertise of Vendor, and desires to submit an order for the Equipment under the terms and conditions set forth in this Agreement.

NOW, THEREFORE, in consideration of the mutual representations, warranties and covenants, and other terms and conditions as set forth herein, Vendor and City (each a "Party" and together the "Parties") agree as follows:

1. TERM

The Term of this Agreement shall commence on the Effective Date and shall terminate on January 31, 2014 unless terminated earlier as set forth herein.

2. COMPENSATION

2.1 Total Compensation for Equipment, including all sales taxes, shall not exceed Six Hundred Forty Two Thousand Five Hundred Twenty Seven Dollars and 64/100 (\$642,527.64) ("Purchase Price") as more fully described on the Customer Sales Order and Proposal Offer Form attached hereto as Exhibit A and incorporated herein by reference for the Equipment, which is described more fully in the General Bidder and Vehicle Requirements attached hereto as Exhibits B and incorporated herein by reference. Vendor agrees to accept this compensation as full remuneration for delivery to City of the Equipment.

3. ADMINISTRATION

This Agreement will be administered by the **Municipal Operations Department**. **Deputy Director Mike Pisani**, or his designee, shall be the Purchase Administrator and shall have the authority to act for City under this Agreement. The Purchase Administrator or his/her authorized representative shall represent City in all matters pertaining to the services to be rendered pursuant to this Agreement.

4. DELIVERY

4.1 Delivery to City of the Equipment shall be made within three hundred (300) calendar days from City issuance of the notice to proceed.

4.2 Delivery shall be made to the City's Yard at 592 Superior Ave., Newport Beach, CA 92663. Time of delivery is of the essence in this Agreement. City reserves the right to refuse any goods and to cancel all or any part of the goods not conforming to applicable specifications, samples or descriptions. Acceptance of any part of the order for goods shall not bind City to accept future shipments nor deprive City of the right to return goods already accepted at Vendor's expense. Over shipments and under shipments of goods shall be only as agreed to in writing by City. Delivery shall not be deemed to be complete until all goods have actually been received and accepted in writing by the City.

4.3 Vendor shall submit all requests for extensions of time for delivery in writing to the City Purchase Administrator not later than ten (10) calendar days after the start of the condition that purportedly causes a delay. The Purchase Administrator shall review all such requests and may, at his sole discretion, grant reasonable time extensions for unforeseeable delays that are beyond Vendor's control.

4.4 The parties agree that it is extremely difficult and impractical to determine and fix the actual damages that City will sustain should the Vendor fail to complete the delivery as called for in this Agreement. Should Vendor fail to complete the delivery as called for in this Agreement, Vendor agrees to the deduction of liquidated damages in the sum of **One Hundred and Fifty Dollars and no/100 (\$150.00)** per day, per vehicle, for every day beyond the date scheduled for delivery provided in Section 4.1. Execution of this Agreement shall constitute agreement by the City and Vendor that the sum of One Hundred and Fifty Dollars and no/100 (\$150.00) per day, per vehicle, is the minimum value of costs and actual damages caused by the failure of Vendor to deliver the Equipment within the allotted time. Such sum is liquidated damages and shall not be construed as a penalty, and may be deducted from payments due the Vendor if such delay occurs.

5. ACCEPTANCE/ PAYMENT

Unless otherwise agreed to in writing by City, acceptance shall not be deemed complete unless in writing and until each the Equipment has actually been received, inspected and tested to the satisfaction of City, and payment shall be made in arrears after satisfactory acceptance.

6. NOTICES

6.1 All notices, demands, requests or approvals to be given under the terms of this Agreement shall be given in writing, and conclusively shall be deemed served when delivered personally, or on the third business day after the deposit thereof in the United States mail, postage prepaid, first-class mail, addressed as hereinafter provided. All notices, demands, requests or approvals from Vendor to City shall be addressed to City at:

Attn: Mike Pisani, Deputy Director
Municipal Operations Department
City of Newport Beach
3300 Newport Boulevard
PO Box 1768
Newport Beach, CA 92658
Phone: 949-644-3059
Fax: 949-650-0747
Email: mpisani@newportbeachca.gov

6.2 All notices, demands, requests or approvals from City to Vendor shall be addressed to Vendor at:

Attention: Sandy Stipe, Director of Sales
Leader Industries, Inc..
1941 Weaver Ave.
South El Monte, CA 91733
Phone: (626) 575-0880
Fax: (626) 575-0286
Email: sandy.stipe@leader-ambulance.com

7. TAXES

The price quoted includes any and all applicable taxes and fees, including federal state and/or local sales or use taxes. Vendor agrees, and is solely responsible for, the proper submission of any and all applicable federal, state and/or local taxes and fees to the appropriate taxing entity.

8. ENTIRE AGREEMENT

This Agreement, when accepted by the Vendor either in writing or by the shipment of any articles, goods, or other commencement of performance hereunder, contains the entire Agreement between the parties with respect to all matters herein, and there are no restrictions, promises, warranties, or undertakings other than those set forth herein or referred to herein. No exceptions, alternatives, substitutes or revisions are valid or binding on City unless authorized by City in writing. Electronic acceptance of any additional terms, conditions or supplemental agreements by any City employee or agent, shall not be valid or binding on City unless accepted in writing by the Purchase

9. WARRANTY

9.1 Vendor expressly warrants that the Equipment covered by this Agreement are: 1) free of liens or encumbrances; 2) of merchantable quality and good for the ordinary purposes for which they are used; and 3) fit for the particular purpose for which they are intended. Acceptance of this order shall constitute an agreement upon Vendor's part to indemnify, defend and hold City and its indemnitees as identified in Section 15 below, and as more fully described in Section 15, harmless from liability, loss, damage and expense, including reasonable counsel fees, incurred or sustained by City by reason of the failure of the goods to conform to such warranties, faulty work performance, negligent or unlawful acts, and non-compliance with any applicable state or federal codes, ordinances, orders, or statutes, including the Occupational Safety and Health Act (OSHA) and the California Industrial Safety Act. Such remedies shall be in addition to any other remedies provided by law.

9.2 Vendor and manufacturer's warranties, are attached hereto as part of Exhibit B, and incorporated in full by this reference. The Warranty Period shall commence on the date the Equipment is accepted by the City. All warranty repair work shall be conducted by a Vendor certified dealer/ agent in the Southern California region.

9.3 As of the execution of this Agreement the Vendor certified dealer/ agent for purposes of all repairs and warranty work is: 10941 Weaver Ave., South El Monte, CA 91733.

9.4 In the event that Vendor designates a different certified dealer/ agent for the Southern California region, Vendor shall provide City with written notice of such change within ten (10) days of the change.

10. ASSIGNMENT OR SUBCONTRACTING

The terms, covenants, and conditions contained herein shall apply to and bind the heirs, successors, executors, administrators and assigns of the parties. Furthermore, neither the performance of this Agreement nor any portion thereof may be assigned or sub-contracted by Vendor without the express written consent of City. Any attempt by Vendor to assign or subcontract the performance or any portion thereof of this Agreement without the express written consent of City shall be invalid and shall constitute a breach of this Agreement.

11. TERMINATION

11.1 In the event that either party fails or refuses to perform any of the provisions of this Agreement at the time and in the manner required, that party shall be deemed in default in the performance of this Agreement. If such default is not cured within a period of two (2) calendar days, or if more than two (2) calendar days are reasonably required to cure the default and the defaulting party fails to give adequate assurance of due performance within two (2) calendar days after receipt of written notice of default, specifying the nature of such default and the steps necessary to cure such default, and thereafter diligently take steps to cure the default, the non-defaulting party may terminate the Agreement forthwith by giving to the defaulting party written

notice thereof. Cause shall further be defined as any breach of this Agreement, any misrepresentation or fraud on the part of the Vendor and/or filing of any petition in U.S. Bankruptcy Court or entering of Bankruptcy by Vendor.

11.2 Notwithstanding the above provisions, City shall have the right, at its sole discretion without cause, of terminating this Agreement at any time by giving seven (7) calendar days prior written notice to Vendor. In the event of termination under this Section, City shall pay Vendor for services satisfactorily performed and costs incurred up to the effective date of termination for which Vendor has not been previously paid. On the effective date of termination, Vendor shall deliver to City all equipment, reports, documents and other information developed or accumulated in the performance of this Agreement, whether in draft or final form.

12. CONSENT TO BREACH NOT WAIVER

No term or provision of this Agreement shall be deemed waived and no breach excused, unless such waiver or consent shall be in writing and signed by the party claimed to have waived or consented to such breach. Any consent by any party to, or waiver of, a breach by the other, whether express or implied, shall not constitute consent to, waiver of, or excuse for any other different or subsequent breach.

13. REMEDIES NOT EXCLUSIVE

The remedies for breach set forth in this Agreement are cumulative as to one another and as to any other provided by law, rather than exclusive; and the expression of certain remedies in this Agreement does not preclude resort by either party to any other remedies provided by law.

14. PERFORMANCE

Vendor shall perform all work under this Agreement, taking necessary steps and precautions to perform the work to City's satisfaction. Vendor shall be responsible for the professional quality, technical assurance, timely completion and coordination of all documentation and other goods or services furnished by the Vendor under this Agreement. Vendor shall perform all work diligently, carefully, and in a good and workman-like manner; shall furnish all labor, supervision, machinery, equipment, materials, and supplies necessary therefore; shall at its sole expense obtain and maintain all permits and licenses required by public authorities, including those of City required in its governmental capacity, in connection with performance of the work; and, if permitted to subcontract, shall be fully responsible for all work performed by subcontractors.

15. INDEMNIFICATION

15.1 To the fullest extent permitted by law, Vendor shall indemnify, defend and hold harmless City, its City Council, boards and commissions, officers, agents, volunteers, and employees (collectively, the "Indemnified Parties") from and against any and all claims (including, without limitation, claims for bodily injury, death or damage to property), demands, obligations, damages, actions, causes of action, suits, losses,

judgments, fines, penalties, liabilities, costs and expenses (including, without limitation, attorney's fees, disbursements and court costs) of every kind and nature whatsoever (individually, a Claim; collectively, "Claims"), which may arise from or in any manner relate (directly or indirectly) to any breach of the terms and conditions of this Agreement, any work performed or services provided under this Agreement including, without limitation, defects in workmanship or materials (including the negligent and/or willful acts, errors and/or omissions of Vendor, its principals, officers, agents, employees, suppliers, consultants, subcontractors, anyone employed directly or indirectly by any of them or for whose acts they may be liable or any or all of them).

15.2 Notwithstanding the foregoing, nothing herein shall be construed to require Vendor to indemnify the Indemnified Parties from any Claim arising from the sole negligence or willful misconduct of the Indemnified Parties. Nothing in this indemnity shall be construed as authorizing any award of attorney's fees in any action on or to enforce the terms of this Agreement. This indemnity shall apply to all claims and liability regardless of whether any insurance policies are applicable. The policy limits do not act as a limitation upon the amount of indemnification to be provided by the Vendor.

16. BILLS AND LIENS

Vendor shall pay promptly all indebtedness for labor, materials and equipment used in performance of the work. Vendor shall not permit any lien or charge to attach to the goods, but if any does so attach, Vendor shall promptly procure its release and, in accordance with the requirements of Section 15 above, indemnify, defend, and hold City harmless and be responsible for payment of all costs, damages, penalties and expenses related to or arising from or related thereto.

17. INSURANCE

Without limiting Vendor's indemnification of City, and prior to commencement of Work, Vendor shall obtain, provide and maintain at its own expense during the term of this Agreement or for other periods as specified in this Agreement, policies of insurance of the type, amounts, terms and conditions described in the Insurance Requirements attached hereto as Exhibit C, and incorporated herein by reference.

18. CHANGE OF OWNERSHIP

Vendor agrees that if there is a change or transfer in ownership of Vendor's business prior to completion of this Agreement, the new owners shall be required under terms of sale or other transfer to assume Vendor's duties and obligations contained in this Agreement and complete them to the satisfaction of City.

19. FORCE MAJEURE

Vendor shall not be assessed with liquidated damages or unsatisfactory performance penalties during any delay beyond the time named for the performance of this Agreement caused by any act of God, war, civil disorder, employment strike or other cause beyond its reasonable control, provided that Vendor gives written notice of

the cause of the delay to City within 36 hours of the start of the delay and Vendor avails himself of any available remedies.

20. CONFIDENTIALITY

Vendor agrees to maintain the confidentiality of all City and City-related records and information pursuant to all statutory laws relating to privacy and confidentiality that currently exist or exist at any time during the term of this Agreement. All such records and information shall be considered confidential and kept confidential by Vendor and Vendor's staff, agents and employees.

21. FREIGHT (F.O.B. DESTINATION)

Vendor assumes full responsibility for all transportation, transportation scheduling, packing, handling, insurance, and other services associated with delivery of all products deemed necessary under this Agreement.

22. TERMS AND CONDITIONS

Vendor acknowledges that it has read and agrees to all terms and conditions included in this Agreement.

23. SIGNATORIES AUTHORITY

Each and every one of the persons executing this Agreement expressly warrants that he or she is authorized to do so on behalf of the entity for which he or she is executing this Agreement. The City and Vendor represent and warrant that this Agreement is executed voluntarily, with full knowledge of its significance.

24. STANDARD PROVISIONS

24.1 Compliance with all Laws. Vendor shall at its own cost and expense comply with all statutes, ordinances, regulations and requirements of all governmental entities, including federal, state, county or municipal, whether now in force or hereinafter enacted.

24.2 Waiver. A waiver by City of any term, covenant, or condition in the Agreement shall not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant or condition.

24.3 Integrated Contract. This Agreement represents the full and complete understanding of every kind or nature whatsoever between the parties hereto, and all preliminary negotiations and Agreements of whatsoever kind or nature are merged herein. No verbal Contract or implied covenant shall be held to vary the provisions herein.

24.4 Conflicts or Inconsistencies. In the event there are any conflicts or inconsistencies between this Agreement and the Exhibits attached hereto, the terms of this Agreement shall govern.

24.5 Amendments. This Agreement may be modified or amended only by a written document executed by both Vendor and City and approved as to form by the City Attorney.

24.6 Controlling Law and Venue. The laws of the State of California shall govern this Agreement and all matters relating to it and any action brought relating to this Agreement shall be adjudicated in a court of competent jurisdiction in the County of Orange, State of California. The California Commercial Code shall be the controlling law for the terms of this Agreement.

24.7 Equal Opportunity Employment. Vendor represents that it is an equal opportunity employer and it shall not discriminate against any subcontractor, employee or applicant for employment because of race, religion, color, national origin, handicap, ancestry, sex, age or any other impermissible basis under law.

24.8 Interpretation. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party by reason of the authorship of the Agreement or any other rule of construction which might otherwise apply.

24.9 Severability. If any term or portion of this Agreement is held to be invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions of this Agreement shall continue in full force and effect.

24.10 No Attorney's Fees. In the event of any dispute or legal action arising under this Agreement, the prevailing party shall not be entitled to attorney's fees.

24.11 Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

[SIGNATURES ON NEXT PAGE]

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the dates written below.

APPROVED AS TO FORM:
CITY ATTORNEY'S OFFICE

Date: 1/14/13

By: [Signature]
Aaron C. Harp
City Attorney

KCA
1/14

CITY OF NEWPORT BEACH,
A California municipal corporation and
charter city

Date: 1/25/13

By: [Signature]
Keith Curry
Mayor

ATTEST:
Date: 1-25-13

By: [Signature]
Leilani I. Brown
City Clerk

CONTRACTOR: Leader Industries, Inc. a
California corporation

Date: 1/17/13

By: [Signature]
Gary Hunter
President

Date: January, 17, 2013

By: [Signature]
Sandy Stipes
Director of Sales



[END OF SIGNATURES]

- Attachments: Exhibit A: Customer Sales Order and Proposal Offer Form
Exhibit B: General Bidder and Vehicle Requirements
Exhibit C: Insurance Requirements

A13-00003

EXHIBIT A
CUSTOMER SALES ORDER AND PROPOSAL OFFER FORM

LEADER
EMERGENCY VEHICLES
 10941 Weaver Avenue
 South El Monte, CA 91733

Steve De La Montanya, Sales Representative
 Mobile: (707) 529-7522
 Fax: (707) 546-1070

QUOTATION

10-Jan-2013

City of Newport Beach
 3300 Newport Blvd
 Newport Beach, California, 92658.

QUANTITY	TERMS	FOB	SHIP VIA	Pricing	
	COD	FOB: Newport Beach, CA	Ground	EACH	EXTENDED AMOUNT
3				\$ 205,298.75	\$ 615,896.25
3				\$ (3,000.00)	\$ (9,000.00)
3				\$ (4,000.00)	\$ (12,000.00)
3				\$ -	\$ -
3				\$ -	\$ -
3				\$ -	\$ -
3		CA Tire Fee \$1.75	(Per Tire)	\$ 12.25	\$ 36.75
		Sub-Total		\$ 198,311.00	\$ 594,933.00
3		Sales Tax @ 8.00%	(Orange Co)	\$ 15,864.88	\$ 47,594.64
3		Estimated DMV Fees	N/A Exempt.	\$ -	\$ -
		TOTAL QUOTED AMOUNT		\$ 214,175.88	\$ 642,527.64

Estimated Delivery: 180 Days from receipt of chassis.

Customer Approval:

Payment: (Please check one)

Signature _____

Leasing

Company Check

Wire Transfer

Date _____

Purchaser agrees to defend, indemnify and hold Halcore Group Inc., dba Leader Industries, harmless from any claims, costs (including actual attorney's fees), damages and liabilities caused in whole or in part by any alteration or modification of, or change

TERMS: All Vehicle Sales Are C.O.D. Titles to be Processed Upon Receipt of Payment in Full.

THANK YOU FOR YOUR BUSINESS

ATTACHMENT I: PROPOSAL OFFER FORM

All prices quoted shall be for a definite fixed price. Prices shall exclude Federal excise taxes. The City shall pay State and Local Sales or Use Tax on the services rendered or goods supplied to the extent that the City is not exempt. All pricing shall be F.O.B. City of Newport Beach, 3300 Newport Blvd., Newport Beach, California, 92658.

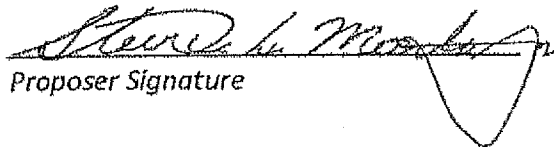
Payment shall be made on acceptance of the purchased item, in Accordance with the provisions of the California Prompt Payment Act. Government Code Section 927 et seq. Clauses requiring prepayment of any portion of the contract amount will render the Proposal non-responsive whereupon it will be rejected.

DESCRIPTION	QTY	UNIT PRICE/EXT PRICE
New, unused Emergency Ambulance Medical Vehicle		
Chassis Year/Make/Model: 2013 / options 195.1, 195.2 inc.	1	\$ 198,311.00
Body Year/Make/Model: 2013	3	(x3) \$ 594,933.00
Pricing must include all specifications and requirements listed in this RFP on an all-inclusive basis		
Chassis G.P.C. or Up fit Rebates if Applicable	1	-\$
SUBTOTAL		594,933.00
New Sales Tax Rate 1/1/2013 8% SALES TAX (7.75%)		47,594.64
CA TIRE RECYCLING FEE		INCLUDED
CA DMV REGISTRATION FEES (EXEMPT STATUS)		INCLUDED
Pre-Construction Conference Travel Costs for (3) Persons (see General Bidder and Vehicle Requirements, Section 5)		INCLUDED
Mid-Construction Conference Travel Costs for (3) Persons (see General Bidder and Vehicle Requirements, Section 6)		INCLUDED
Final Inspection Conference Travel Costs for (3) Persons (see General Bidder and Vehicle Requirements, Section 7)		INCLUDED
DELIVERY (see General Bidder and Vehicle Requirements, Section 8)		INCLUDED
GRAND TOTAL		642,527.64

violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Cooperative Purchasing:

The City reserves the right to extend the conditions and terms of this ambulance specification and solicitation process to make them available for cooperative purchases by the City and other agencies approved by the City. The term of this Proposal may be extended to two (2) years with one (1) annual price adjustment on the manufacturer's total conversion price. This adjustment will not to exceed the amount reflected in the West Coast Consumer Price Index. The Chassis will be subject to the Current Chassis pricing.


Proposer Signature

01/10/2013
Date

Steve De La Montanya
Printed Name and Title

**EXHIBIT B
GENERAL BIDDER AND VEHICLE REQUIREMENTS**

ATTACHMENT A: GENERAL BIDDER AND VEHICLE REQUIREMENTS

Instructions: Initial the bottom of each page of the General Bidder and Vehicle Requirements in the space provided and remit as part of your Proposal as Attachment A, acknowledging a demonstrated understanding of the stated requirements. Any and all exceptions to the stated mandatory minimum requirements shall be indicated on the Statement of Compliance (Attachment D) and identified by the Item Number listed in the specifications. Each specification must also be circled to note as compliant or not compliant. Failure to note compliance or to list exceptions shall result in your bid being deemed as non-responsive.

Introduction:

The following specification describes a new ambulance that is to be acquired by the City.

The specification describes the needs of the City as far as chassis configuration and module body design. A state of the art vehicle is required. However, manufacturers that utilize prototype equipment or manufacturing processes will not be considered. The builder's manufacturing history shall be supported by documentation where applicable, and by the reference section within this specification. The benchmark for the initial configuration of this ambulance shall be the current KKK Federal Specification for Ambulances. However, most requirements in this specification exceed the federal specifications because of the specific needs of the City.

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

ITEM NUMBER	SPECIFICATIONS	COMPLIANT? CIRCLE ONE	
1. PROPOSAL COMPLETION PROCESS			
1.1	Various areas in the following specifications require a response from the Bidder. In order to aid in the evaluation process all responses must be consistent and, most importantly, legible. Therefore, the areas that are to be completed by the Bidder, along with any other materials that may be submitted by the Bidder, must be typed. Bids that are submitted with either hand-written responses or with hand stamped responses shall be automatically rejected as being non-compliant.	Y	N
2. ENGINEERING SUPPORT			
2.1	***REQUIRED DOCUMENTATION*** Due to the complexity of the design of the vehicle, proposals will be accepted only from manufacturers that utilize well-defined engineering techniques. Computer Aided Design (CAD) drawings of both the interior of the patient area and the overall layout of the module body will be mandatory. At a minimum these drawings shall include all exterior elevations, all interior views (4), and a plan view of the roof/ceiling. All options and elements required within these specifications shall be depicted on the prints. The purpose of this requirement is to assure this purchaser that vehicle proposals indeed meet the stated requirements as set forth in these specifications. Generic CAD drawings are not acceptable. The drawings, as submitted, shall accurately depict the exact vehicle that is being proposed. Bidders not including the required drawings will be considered non-responsive and will, therefore, be rejected.	Y	N

Proposer's Initials *ADW*

	Are the required drawings included with this Proposal?		
3. MINIMUM VEHICLE REQUIRED STANDARDS			
3.1	The highest degree of quality, both in the materials and in the building processes, is required for the emergency medical vehicle being proposed. At a minimum the manufacturer being proposed must meet all current mandated and voluntary ambulance design standards in effect at the date of the proposal submission. All current Federal Motor Vehicle Safety Standards (FMVSS) must be met.	(Y)	N
3.2	All electrical and mechanical equipment furnished shall comply with the California administrative Code; Title 8 (Industrial Safety Orders), Title 24 (State Building Standards Law) and Title 17 (Public Health). All electrical equipment furnished shall be grounded, with any exceptions only as approved in the referenced applicable titles.	(Y)	N
3.3	***REQUIRED DOCUMENTATION*** The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a standalone static load test on a type tested body. The test shall be conducted in accordance to AMD-001 except the test weight shall be 55,000 pounds or 5.7 times the curb weight of the finished vehicle. (Over 3.8 times the test weight imposed by AMD-001). Additionally the same unit shall be subjected to the same test with the body turned on its side. Complete copy of the testing documents with photos, must accompany the bid/proposal. <i>Exceptions to this requirement will not be considered. Noncompliant proposals shall be rejected.</i> Are the required testing documents included with this Proposal?	(Y)	N
3.4	***REQUIRED DOCUMENTATION*** Safety is of the utmost importance to the purchaser. While currently there are no federal standards for crash testing an ambulance, the purchaser requires an outside third party test by a certified SAE facility to validate the structural crash worthiness of the ambulance conversion. The test will exceed the standards established by the National Highway Traffic Safety Administration and the Insurance Safety Institute for Highway Safety for side impact of a standard passenger sedan. To more accurately replicate the severity of a side impact collision on an ambulance the speeds should be boosted to 42 miles per hour. Complete copy of the testing documents with photos, must accompany the bid/proposal. <i>Exceptions to this requirement will not be considered. Noncompliant bids will be rejected.</i> Are the required testing documents included with this Proposal?	(Y)	N
3.5	Bidder shall keep records of parts used in the manufacture of the specified equipment and shall notify the buyer of any improvement or modifications that may improve the specified equipment.	(Y)	N
3.6	***REQUIRED DOCUMENTATION*** The manufacturer shall comply with Ford Motor Company's QVM program. A copy of the manufacturers current QVM certification must be submitted with the Proposal. Is the current Ford QVM certification included with this Proposal?	(Y)	N

Proposer's Initials *ADW*

3.7	<p>***REQUIRED DOCUMENTATION*** The manufacturer shall comply with Sprinter ambulance converter requirements. A copy of the manufacturers' current Sprinter Ambulance converter certification must be submitted with the bid.</p> <p>Is the current Sprinter certification included with this Proposal?</p>	<input checked="" type="radio"/>	N
3.8	<p>***REQUIRED DOCUMENTATION*** The Vendor shall include with their bid a copy of their California Automobile Dealers License.</p> <p>Is a copy of the California Automobile Dealer's License Included with this Proposal?</p>	<input checked="" type="radio"/>	N
3.9	<p>***REQUIRED DOCUMENTATION*** The Proposer submitting this Proposal shall include with their bid a copy of their California Vehicle Sale Person License.</p> <p>Is a copy of the California Vehicle Sale Person License Included with this Proposal?</p>	<input checked="" type="radio"/>	N
4. LIABILITY			
4.1	<p>The bidder shall defend, indemnify, and save harmless the purchaser and its officials from all claims, demands, payments, suits, actions, recoveries, and judgments of every description, whether or not well founded in law, brought or recovered against it, by reason of any act or omission of said bidder, his agents or employees, in the execution of the contract or in consequence of insufficient protection or for the use of any patented invention by said bidder, and a sum sufficient to cover aforesaid claims may be retained by the purchaser from money due or to become due to the bidder under this contract, until such claims have been discharged or satisfactorily secured.</p>	<input checked="" type="radio"/>	N
4.2	<p>***REQUIRED DOCUMENTATION*** Each bidder must furnish a Certificate of Insurance showing aggregate total of insurance, which shall not be less than twenty-five million dollars (\$25,000,000).</p> <p>Is a Certificate of Insurance included with this Proposal?</p>	<input checked="" type="radio"/>	N
4.3	<p>In addition, the bidder is to assume any risk of loss to the ambulance until the ambulance is delivered to this purchaser.</p> <p>Does the bidder understand this requirement?</p>	<input checked="" type="radio"/>	N
5. PRE-CONSTRUCTION CONFERENCE			
5.1	<p>A pre-construction conference will be held at the successful bidders manufacturing facility by three (3) Department representatives within 14 days of award of bid. A trip requiring travel of more than 200 miles shall be via commercial air carrier and shall include transportation, room, and board for 3 day/2 night stay.</p> <p>Number of personnel: <u>3</u></p> <p>Are these Pre-Construction trips included in this proposal?</p>	<input checked="" type="radio"/>	N
6. MID-CONSTRUCTION CONFERENCE			

Proposer's Initials: *AKM*

6.1	<p>A Mid-Construction conference will be held at the successful bidders manufacturing facility by three (3) Department representatives after the body is painted and mounted to the chassis, but prior to the install of wiring or cabinets. This is to confirm that the module configuration is compliant and that paint color and finish are to specifications. Final build detail will be reviewed at this time. A trip requiring travel of more than 200 miles shall be via commercial air carrier and shall include transportation, room, and board for 3 day/2 night stay.</p> <p>Number of personnel: <u>3</u></p> <p>Are these Pre-Construction trips included in this proposal?</p>	(Y)	N
7. FINAL VEHICLE INSPECTION			
7.1	<p>Vehicle will be inspected for compliance with these specifications by three (3) Department representatives of the City at the manufacturing facility prior to delivery. It will be the responsibility of the Dealer to ask for inspection when vehicle is ready for delivery. The burden of proof of compliance with this specification will be the responsibility of the bidder. A trip requiring travel of more than 200 miles shall be via commercial air carrier and shall include transportation, room, and board for 3 day/2 night stay.</p> <p>Number of personnel: <u>3</u></p> <p>Are these Pre-Construction trips included in this proposal?</p>	(Y)	N
8. VEHICLE DELIVERY			
8.1	The vehicle shall be delivered over the road to the purchaser.	(Y)	N
8.2	The vehicle will be delivered cleaned fueled with a full tank of diesel and in as new condition.	(Y)	N
8.3	The mileage on the ambulance when delivered to the City shall not to exceed 200 miles.	(Y)	N

Proposer's Initials *JAM*

ATTACHMENT B: CHASSIS SPECIFICATIONS

Instructions: Initial the bottom of each page of the Chassis Specifications in the space provided and remit as part of your Proposal as Attachment B, acknowledging a demonstrated understanding of the stated requirements. Any and all exceptions to the stated mandatory minimum requirements shall be indicated on the Statement of Compliance (Attachment D) and identified by the Item Number listed in the specifications. Each specification must also be circled to note as compliant or not compliant. Failure to note compliance or to list exceptions shall result in your bid being deemed as non-responsive.

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

ITEM NUMBER	SPECIFICATIONS	COMPLIANT? CIRCLE ONE	
9. CHASSIS			
9.1	Chassis: 2013 Terrastar SFA 4x2 (TA005) The vehicle converter shall supply a 2013 or newer 183.00" wheelbase, 108.60 Cab Axle, 63.00 Axle to Frame: Terrastar chassis for the ambulance conversion. The wheelbase shall be factory supplied by the O.E.M. <u>Modified wheelbases made from chassis with shorter or longer wheelbases are not acceptable.</u>	(Y)	N
10. AMBULANCE CHASSIS PROFILE			
10.1	The package shall be designed to hold up to the demands and duty cycles inherent with Emergency Medical Vehicles.	(Y)	N
10.2	Requested GVWR: 19,500. Calc. GVWR: 19,000	(Y)	N
10.3	CALC.START / GRADE ABILITY: 44.00% / 4.90% @ 55 MPH Calc. Geared Speed: 75.6 MPH	(Y)	N
10.4	DIMENSION: Wheelbase: 183.00, CA: 108.60, Axle to Frame: 63.00	(Y)	N
10.5	ENGINE, DIESEL: (MaxxForce 7) EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque@ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)	(Y)	N
10.6	TRANSMISSION, AUTOMATIC: (Allison 1000EVS) 4th Generation Controls; Close Ratio, 5-Speed; With Overdrive, Includes Park pawl, With Provision for PTO, Less Retarder, With 19,500 GVW & 26,000-GCW Max.	(Y)	N
10.7	AXLE, FRONT NON-DRIVING: (Dana Spicer D700-N) I-Beam Type, 7,000-lb Capacity AXLE, REAR, SINGLE: (Dana Spicer S110) Single Reduction, with offset housing, 13,500-lb Capacity, 160 Wheel Ends Gear Ratio: 4.88	(Y)	N
10.8	CAB: Conventional	(Y)	N

Proposer Initials: *ADN*

10.9	TIRE, FRONT: (2) 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply	<input checked="" type="radio"/>	N
10.10	TIRE, REAR: (4) 225/70R19.5 G622RSD (GOODYEAR) 641 rev/mile, load range F, 12 ply	<input checked="" type="radio"/>	N
10.11	SUSPENSION, REAR, AIR, SINGLE (International) Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0" Ride Height, With Shock Absorbers	<input checked="" type="radio"/>	N
10.12	PAINT: Cab schematic 100TA Location 1: 9036, Cool Gray Light (Std)	<input checked="" type="radio"/>	N
11. ENGINE AND RELATED EQUIPMENT			
11.1	Engine performance shall comply with or exceed the most current revision of KKK-A-1822	<input checked="" type="radio"/>	N
11.2	ENGINE, DIESEL (MaxxForce 7) EPA 10, 300 HP @ 2600 RPM, 660 lb ft Torque @ 1600 RPM, 2800 RPM Governed Speed	<input checked="" type="radio"/>	N
11.3	AIR COMPRESSOR AIR SUPPLY LINE: Naturally-Aspirated	<input checked="" type="radio"/>	N
11.4	CRUISE CONTROL: Electronic; Controls Integral to Steering Wheel	<input checked="" type="radio"/>	N
11.5	ENGINE OIL DRAIN PLUG: Magnetic	<input checked="" type="radio"/>	N
11.5	ENGINE SHUTDOWN: Electric, Key Operated	<input type="radio"/>	N
11.7	FUEL/WATER SEPARATOR: Engine Mounted	<input type="radio"/>	N
11.8	FUEL HEATER: Included in Fuel Separator	<input type="radio"/>	N
11.9	FUEL FILTER: Engine Mounted (Glow Plug: Automatic with indicator light)	<input type="radio"/>	N
11.10	GOVERNOR: Electronic	<input type="radio"/>	N
11.11	OIL FILTER, ENGINE: Spin-On Type	<input type="radio"/>	N
11.12	FAN DRIVE: (Borg-Warner Series 790) Viscous Type, Screw On Fan	<input type="radio"/>	N
11.13	FAN: Nylon	<input type="radio"/>	N
11.14	RADIATOR: Aluminum; 2-Row, Cross Flow, Over Under System, 697 Sq In Louvered, With 225 Sq In CAC, Includes In-Tank Oil Cooler	<input type="radio"/>	N
11.15	ANTI-FREEZE: Red Shell Rotella Extended Life Coolant; -40 Degrees F/ -40 Degrees C	<input type="radio"/>	N
11.16	DEAERATION SYSTEM: with Surge Tank	<input type="radio"/>	N
11.17	HOSE CLAMPS: RADIATOR HOSES: Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps	<input type="radio"/>	N
11.18	RADIATOR HOSES: Premium, Rubber	<input type="radio"/>	N

Proposer Initials: *ADP*

11.19	AIR CLEANER: With Service Protection Element	<input checked="" type="radio"/>	N
11.20	GAUGE, AIR CLEANER RESTRICTION: (Filter-Minder) with black bezel mounted in instrument panel	<input type="radio"/>	N
11.21	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	<input type="radio"/>	N
11.22	ENGINE CONTROL, REMOTE MOUNTED: Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for MaxxFORCE post 2007 Emissions Electronic Engines	<input checked="" type="radio"/>	N
11.23	FEDERAL EMISSIONS: for 2010; MaxxFORCE 7 Engines	<input type="radio"/>	N
11.24	FAN DRIVE SPECIAL EFFECTS: Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	<input type="radio"/>	N
11.25	EMISSION COMPLIANCE: Engine Shutdown System Exempt Vehicles, Complies With California Clean Air Regulations	<input checked="" type="radio"/>	N
11.26	TRANSMISSION; TRANSMISSION, AUTOMATIC ;{Allison 1000-EVS} 4th Generation Controls; Close Ratio, 5-Speed; With Overdrive, Includes Oil Level Sensor, Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.	<input checked="" type="radio"/>	N
11.27	OIL FILTER: Mounted on Transmission	<input type="radio"/>	N
11.28	OIL PAN: Magnet in Oil Pan	<input type="radio"/>	N
11.29	TRANSMISSION OIL Synthetic; 20 thru 28 Pints	<input type="radio"/>	N
11.30	SHIFT CONTROL PARAMETERS: Allison Performance Programming in Primary and Allison Economy Programming in Secondary	<input type="radio"/>	N
12. ELECTRICAL SYSTEM			
12.1	ELECTRICAL SYSTEM: 12-Volt, Standard Equipment	<input type="radio"/>	N
12.2	BATTERY SYSTEM: Group 31 Maintenance-Free, (4) 12-Volt 4000CCA Total. (1) Battery shall be isolated for communications purposes and (1) Battery shall be isolated for emergency starting purposes.	<input checked="" type="radio"/>	N
12.3	BATTERY BOX: Steel	<input type="radio"/>	N
12.4	JUMP START STUD: Remote Mounted	<input type="radio"/>	N
12.5	DATA LINK CONNECTOR: For Vehicle Programming and Diagnostics In Cab	<input type="radio"/>	N
12.6	FUSES, ELECTRICAL: SAE Blade-Type	<input type="radio"/>	N
12.7	STARTER SWITCH Electric, Key Operated	<input checked="" type="radio"/>	N
12.8	STARTING MOTOR: (Delco Remy 29MT) 12 Volt; less Thermal Over-Crank Protection, with Integrated magnetic switch	<input type="radio"/>	N

Proposer Initials: *ADK*

12.9	HAZARD SWITCH: Push On/Push Off, Located on Top of Steering Column Cover	<input type="radio"/>	N
12.10	HEADLIGHTS: Halogen; Composite Aero Design for Two Light System; Includes Daytime Running Lights, headlights on w/ wipers, headlight warning buzzer	<input type="radio"/>	N
12.11	HEADLIGHT DIMMER SWITCH: Integral with Turn Signal Lever	<input type="radio"/>	N
12.12	TURN SIGNAL SWITCH: Self-Cancelling for Trucks	<input type="radio"/>	N
12.13	TURN SIGNALS, FRONT: Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted	<input checked="" type="radio"/>	N
12.14	PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light	<input type="radio"/>	N
12.15	WINDSHIELD WIPER SWITCH: 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever	<input type="radio"/>	N
12.16	WINDSHIELD WIPERS: Single Motor, Electric, Cowl Mounted, windshield wiper speed control – force wipers to slowest intermittent speed when parking brake set and wipers left for a predetermined time.	<input type="radio"/>	N
12.17	CIGAR LIGHTER: Includes Ash Cup	<input type="radio"/>	N
12.18	WIRING, CHASSIS: Color Coded and Continuously Numbered	<input type="radio"/>	N
12.19	HORN, ELECTRIC: (2) :	<input type="radio"/>	N
12.20	AIR HORNS : GROVER AIR HORNS Mounted On Hood., Foot Switch position to be determined at pre-construction conference	<input checked="" type="radio"/>	N
12.21	BODY BUILDER WIRING: Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/ Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	<input checked="" type="radio"/>	N
12.22	SPEAKERS IN CAB: (4) Coaxial with Premium Interior	<input type="radio"/>	N
12.23	POWER SOURCE, TERMINAL TYPE: 2-Post	<input type="radio"/>	N
12.24	SWITCH, TOGGLE, FOR WORK LIGHT: Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light	<input type="radio"/>	N
12.25	INDICATOR, LOW COOLANT LEVEL: With Audible Alarm	<input type="radio"/>	N
12.26	CIRCUIT BREAKERS: Manual-Reset (Main Panel) SAE Type III With Trip Indicators, replaces all fuses except for 5-amp fuses	<input type="radio"/>	N
13. INTERIOR APPOINTMENT STANDARDS			
13.1	ARM REST: (2) Molded Plastic; One Each Door	<input type="radio"/>	N
13.2	CLEARANCE/MARKER LIGHTS: (5) (Truck Lite) Amber LED lights, Flush Mounted on cab or sunshade	<input checked="" type="radio"/>	N

Proposer Initials: *ADN*

13.3	COAT HOOK CAB: Located on Rear Wall, Centered Above Rear Window	<input checked="" type="radio"/>	N
13.4	CUP HOLDERS: Two Cup Holders, Located in Lower Center of Instrument Panel	<input checked="" type="radio"/>	N
13.5	DOME LIGHT: CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted	<input checked="" type="radio"/>	N
13.6	GLASS, ALL WINDOWS Tinted	<input checked="" type="radio"/>	N
13.7	GRAB HANDLE, CAB INTERIOR: (1) "A" Pillar Mounted, Passenger Side	<input checked="" type="radio"/>	N
13.8	GRAB HANDLE, CAB INTERIOR: (2) Front of "B" Pillar Mounted, One Each Side	<input checked="" type="radio"/>	N
13.9	INTERIOR SHEET METAL: Upper Door (Above Window Ledge) Painted Exterior Color	<input checked="" type="radio"/>	N
13.10	STEP (4) Two Steps per Door	<input checked="" type="radio"/>	N
13.11	AIR CONDITIONER, PROVISION: For Accommodation Package, for Air Conditioning Includes (1) SD7 Sanden Auxiliary Compressor in Secondary Compressor Position and Compressor Drive Effects for Vehicle with Primary Compressor Mounting	<input checked="" type="radio"/>	N
13.12	GAUGE CLUSTER: English with English Electronic Speedometer	<input checked="" type="radio"/>	N
13.13	GAUGE CLUSTER: (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), and Voltmeter	<input checked="" type="radio"/>	N
13.14	ODOMETER DISPLAY: Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout	<input checked="" type="radio"/>	N
13.15	WARNING SYSTEM: Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)	<input checked="" type="radio"/>	N
13.16	GAUGE: oil temp, Allison Transmission	<input checked="" type="radio"/>	N
13.17	GAUGE: AIR CLEANER RESTRICTION (Filter-Minder) With Black Bezel Mounted in Instrument Panel	<input checked="" type="radio"/>	N
13.18	IP CLUSTER DISPLAY: On Board Diagnostics Display of Fault Codes in Gauge Cluster	<input checked="" type="radio"/>	N
14. INTERIOR CAB TRIM (PREMIUM)			
14.1	CAB INTERIOR COLOR: The color of the cab interior shall be gray. All conversion manufacturers' added consoles and devices shall be color keyed to the interior color provided by the O.E.M.	<input checked="" type="radio"/>	N
14.2	CAB INTERIOR TRIM PANELS: Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is covered	<input checked="" type="radio"/>	N
14.3	CAB SOUND INSULATION: Includes Dash and Engine Cover Insulators	<input checked="" type="radio"/>	N

Proposer Initials: *ABM*

14.4	CONSOLE, OVERHEAD: Molded Plastic; With Dual Storage Pockets with Retainer Nets, Radio Pocket, Speakers, and Reading Lights	<input checked="" type="radio"/>	N
14.5	SUN VISOR: (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Drivers Side	<input checked="" type="radio"/>	N
14.6	STORAGE POCKET: Door, (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors	<input checked="" type="radio"/>	N
14.7	DOOR TRIM PANELS: with Cloth Insert on Bolster Driver and Passenger Doors	<input type="radio"/>	N
14.8	FLOOR COVERING: Rubber, Black	<input type="radio"/>	N
14.9	COURTESY LIGHT: (2) Mounted In Front Map Pocket Left and Right Side	<input type="radio"/>	N
14.10	HEADLINER: Soft Padded Cloth	<input type="radio"/>	N
14.11	INSTRUMENT PANEL TRIM: Molded Plastic with Black Center Section	<input checked="" type="radio"/>	N
14.12	GAUGE; TEMPERATURE, AMBIENT Includes Compass Readout and Wiring and Sensor With Display Unit Mounted in Cluster	<input checked="" type="radio"/>	N
14.13	WINDOW, POWER: (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	<input checked="" type="radio"/>	N
14.14	KEYLESS ENTRY SYSTEM REMOTE: With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	<input checked="" type="radio"/>	N
15. SIDE REAR VIEW MIRRORS			
15.1	Dual O.E.M. Mirrors with power adjusted mirror glass and manually telescoping mirror heads, shall be mounted to the forward, lower corner of the cab door window. Both mirrors shall feature a bi-directional break-away function to permit folding the mirror heads <i>against body in close quarters</i>	<input checked="" type="radio"/>	N
15.2	MIRRORS (2) (Lang Mekra) Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatically Controlled, Power Both Sides, Clearance Lights LED, Bright Finish Heads & Brackets	<input checked="" type="radio"/>	N
16. FRONT AXLE			
16.1	NON-DRIVING: (Dana Spicer D700-N), I-Beam Type, 7,000-lb Capacity	<input checked="" type="radio"/>	N
16.2	SUSPENSION, FRONT, SPRING: Taper Leaf; 7,000-lb Capacity; With Shock Absorbers	<input checked="" type="radio"/>	N
16.3	SPRING PINS: Rubber Bushings, Maintenance-Free	<input type="radio"/>	N
17. REAR AXLE			

Proposer Initials: *[Signature]*

17.1	DRIVING: {Dana Spicer S110} Single Reduction, with offset housing, 13,500lb Capacity, 160 Wheel Ends . Gear Ratio: 4:88	<input checked="" type="radio"/>	N
17.2	REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle	<input type="radio"/>	N
17.3	SUSPENSION, REAR, AIR, SINGLE: {International} Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0" Ride Height, With Shock Absorbers	<input checked="" type="radio"/>	N
17.4	SUSPENSION AIR CONTROL VALVE: Pressure Release Control In cab	<input type="radio"/>	N
17.5	DUAL LEVELING VALVES & PING TANKS	<input type="radio"/>	N
18. EXHAUST SYSTEM			
18.1	HORIZONTAL EXHAUST: Single, Horizontal, After treatment Device Frame Mounted Right Side back of cab, Includes Horizontal Tail Pipe NOTE: The Horizontal Tailpipe Includes a Temperature Control Device.	<input checked="" type="radio"/>	N
18.2	TAIL PIPE (1) Exhaust shall terminate on driver's side	<input checked="" type="radio"/>	N
19. AIR CONDITIONER			
19.1	AIR CONDITIONER: {Blend-Air} With Integral Heater & Defroster	<input type="radio"/>	N
19.2	CLAMPS, HEATER HOSE: Mubea Constant Tension Clamps: HEATER HOSES Premium	<input type="radio"/>	N
19.3	REFRIGERANT: Hydro fluorocarbon HFC-134A	<input checked="" type="radio"/>	N
19.4	AIR CONDITIONER, PROVISION: Accommodation Package, for Air Conditioning, Includes (1) SD7 Sanden Auxiliary Compressor in Secondary Compressor Position and Compressor Drive Effects for Vehicle With Primary Compressor Mounting	<input checked="" type="radio"/>	N
20. EXTERIOR TRIM			
20.1	FRONT END: Tilting, Fiberglass, With Three Piece Construction	<input checked="" type="radio"/>	N
20.2	INSULATION: UNDER HOOD for Sound Abatement	<input type="radio"/>	N
20.3	FRONT BUMPER: Full Width, Aerodynamic, Chrome Plated Steel; 0.142" Material Thickness Front	<input checked="" type="radio"/>	N
20.4	TOW HOOK: FRONT, (2) Inside Rail, Frame Mounted	<input checked="" type="radio"/>	N
20.5	GRILLE: Chrome, with Chrome headlight bezels, painted modesty panels, fender extension – Grill ember screen mounted to grill	<input type="radio"/>	N
20.6	GRAB HANDLE: Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar	<input checked="" type="radio"/>	N
21. STEERING			

Proposer Initials: *ADP*

21.1	STEERING WHEEL: 2-Spoke, 18" Diam., Black	<input checked="" type="radio"/>	N
21.2	STEERING COLUMN: Tilting	<input type="radio"/>	N
21.3	STEERING GEAR: (Shepard MD83) Power	<input type="radio"/>	N
22. WHEELS AND TIRES			
22.1	All tires shall be identical make, tread type, size and load range	<input checked="" type="radio"/>	N
22.2	All tires shall be balanced per current KKK-A-1822	<input type="radio"/>	N
22.3	Aluminum Wheels not Painted or Coated	<input type="radio"/>	N
22.4	WHEELS, FRONT DISC; 19.5" Polished Aluminum; 10-Stud (225 MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00DC Rims; With Steel Hubs	<input type="radio"/>	N
22.5	WHEEL SEALS, FRONT: (Chicago Rawhide Nitrile) for Oil-Lubricated Wheel Bearings	<input checked="" type="radio"/>	N
22.6	TIRES, FRONT 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply	<input checked="" type="radio"/>	N
22.7	WHEELS, REAR DISC; 19.5" Polished Aluminum Outer Wheel, with aluminum inner wheel, 10-stud (225MM BC) Hub Piloted, flanged nut, Metric Mount, 6.00 DC Rims; with steel hubs	<input checked="" type="radio"/>	N
22.8	WHEEL SEALS, REAR Oil Lubricated, Includes Wheel Bearings	<input checked="" type="radio"/>	N
22.9	TIRES, REAR 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range F, 12 Ply	<input checked="" type="radio"/>	N
22.10	WHEEL, SPARE (FRONT): DISC 19.5" Polished Aluminum, Outer ONLY, 5 Hand Hole, 10-Stud (225MM BC) 6.00" DC Rim	<input type="radio"/>	N
22.11	WHEEL, SPARE (REAR): DISC 19.5" Polished Aluminum, Inner and Outer, 5 Hand Hole, 10-Stud (225MM BC) 6.00" DC Rim	<input checked="" type="radio"/>	N
22.12	TIRE, SPARE: (1) 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply	<input type="radio"/>	N
23. CHASSIS BRAKES			
23.1	BRAKE SYSTEM, HYDRAULIC: (TRW 355) Split System, with Three Channel ABS	<input checked="" type="radio"/>	N
23.2	AIR DRYER (Meritor Wabco System Saver 1200) with Heater	<input checked="" type="radio"/>	N
23.3	BRAKE, PARKING (TRW) Drum-In-Hat Type; for hydraulic brake chassis; activated by Lever in Cab; mounted in rear wheels	<input type="radio"/>	N
23.4	BRAKES, FRONT, Hydraulic Disc (TRW) 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diameter Pistons	<input type="radio"/>	N
23.5	BRAKES, REAR, Hydraulic Disc (TRW) 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diameter Pistons	<input checked="" type="radio"/>	N
23.6	AIR COMPRESSOR (Bendix Tu-Flo 550) 13.2 CFM Capacity; and Tank for air source on Hydraulic Chassis	<input checked="" type="radio"/>	N
24. CAB SEATS: DRIVER/PASSENGER/OEM CAPTAIN'S CHAIR			

Proposer Initials: *ADSM*

24.1	SEAT, DRIVER :{National 2000} Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust • ARM REST: Right Side	<input checked="" type="radio"/>	N
24.2	SEAT, PASSENGER {National} Air-Suspension, High Back With Integral Headrest, Cloth, Isolated, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment • ARM REST: Left Side	<input checked="" type="radio"/>	N
24.3	OCCUPANT RESTRAINT SYSTEM: The front, forward facing cab seats shall be equipped with O.E.M. installed three point seat belts. The seat belts shall have pretensioners built into the seatbelt assembly to take up belt slack during a violent frontal collision. The seat belt assemblies shall meet or exceed F.M.V.S.S. 208 and 209. The inside conversion panels shall not interfere with the swivel arc of the shoulder rings	<input checked="" type="radio"/>	N
25. FUEL TANK			
25.1	FUEL TANK: Top Draw, Rectangular, plastic, 40 U.S. Gal., 151 L Capacity, 15" Depth, Mounted between frame sidemembers and behind rear axle	<input checked="" type="radio"/>	N
26. BATTERIES			
26.1	BATTERY SYSTEM: Group 31 Maintenance-Free, (4) 12-Volt 4000CCA Total	<input checked="" type="radio"/>	N
26.2	JUMP START STUD Remote Mounted	<input type="radio"/>	N
26.3	BATTERY DISCONNECT SWITCH [Joseph Pollack 51-315] Positive Type, Lever Operated, Cab Mounted	<input type="radio"/>	N
27. ALTERNATOR			
27.1	ALTERNATOR: {Leece-Neville 14931PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mounted	<input checked="" type="radio"/>	N
28. THROTTLE HIGH IDLE			
28.1	The OEM high idle shall be wired into the second stage manufacturing electrical system for charge protection	<input type="radio"/>	N
29. WARRANTY			
29.1	The chassis manufacturer's standard vehicle warranty policies shall apply	<input type="radio"/>	N
30. DOCUMENTATION			
30.1	In addition to the standard chassis and conversion Operators Manuals, a complete set of Chassis, Engine, and Transmission Shop manuals on CD or DVD. Will be provided and shipped loose with the vehicle. Proposer shall include diagnostic software for engine, transmission, chassis and brake diagnostics (Windows-	<input checked="" type="radio"/>	N

Proposer Initials: *ADAM*

	compatible)		
CHASSIS HARDWARE AND ACCESSORIES			
The items to follow represent chassis modifications, hardware, and accessories that are required. Failure to provide these features will be cause for rejection of the bidder's proposal as being non-responsive			
31. CHASSIS TO MODULAR PASS-THROUGH			
31.1	The chassis cab shall be modified by the successful bidder to allow for passage between the cab and the patient compartment. The required opening shall be cut out of the back of the cab. A flexible weather-tight Hypalon bellows shall be installed around the perimeter of the opening between the back of the cab and the front of the module body. All of the work required under this section shall be performed by the successful bidder. The work shall not be performed by a third party vendor. This shall guarantee a consistent level of quality and warranty protection while assuring that the work is engineered specifically for use with the module body and other equipment as specified	(Y)	N
32. CAB STEP WELL/RUNNING BOARDS			
32.1	Diamond plate step well covers shall be installed on both the curb side and street side cab step wells. The covers shall be made of .125" thick polished diamond tread plate with a minimum 3003-H14 alloy. The street side cover shall include a pull out tray for the four (4) chassis batteries	(Y)	N
33. WHEEL HUB AND LUG NUT COVERS			
33.1	Phoenix, Polished S/S Hub and Nut Covers. The center steel hub and lugs shall be capped off with bright stainless steel, snap on caps designed to cover wrench marks, normally left on the lug nuts. The design shall not affect tire and wheel balance when the vehicle is driven between zero and eighty miles per hour	(Y)	N
34. MUD FLAPS, REAR			
34.1	The vehicle converter shall install individual rubber mud flaps behind each rear wheel. The mud flaps may incorporate the converter's corporate logo provided that the logo is made out of stainless steel or equivalent and attached to the mud flap. Logos either printed on, or otherwise incorporated into the mud flap are not desirable as they cannot be removed and possess a tendency to fade	(Y)	N
35. REAR STEP/BUMPER ASSEMBLY			
35.1	The rear of the vehicle shall be equipped with a step/bumper assembly to be fabricated from .250" wall square steel tubing and plate	(Y)	N
35.2	The bumper shall mount directly to the frame rail lower section by four (4) 1/2" grade 8 fasteners	(Y)	N
35.3	The assembly shall be spaced out from the rear kick plate a minimum of 1.5". The center section of the assembly shall pivot up and over center on two (2) .5" bolts to stay in the 'up' position. This section shall be a minimum of 9.5" deep and shall be	(Y)	N

Proposer Initials: *ADN*

	constructed with grip-strut on the stepping surface to provide for better footing. The ends of the assembly shall be covered in fixed polished aluminum diamond Treadplate		
35.4	The distance between the top of the step and the ground shall not be less than 16	<input checked="" type="radio"/>	N
36. DOC BUMPERS			
36.1	Black rubber pods 16" long x 2.5" tall x 2" deep	<input checked="" type="radio"/>	N
36.2	Each rubber docking bumper shall be fastened through each bumper end cap to the supporting .250" steel frame by three (3) 3/8" grade 8 fasteners	<input checked="" type="radio"/>	N
37. REAR TOW HOOKS			
37.1	Each tow hook shall be made from forged steel with a minimum capacity of ten thousand pounds (10,000) and mounted to the bumper frame by two (2) 1/2" grade 8 bolts	<input checked="" type="radio"/>	N
38. REVERSE ALARM			
38.1	An audible alarm shall be installed to activate when the vehicle is placed into reverse gear	<input checked="" type="radio"/>	N
38.2	There shall be, installed on the front console and wired through the vehicle electrical system, a momentary cutoff switch to disable the alarm. This switch shall automatically reset each time the vehicle is placed into reverse gear	<input checked="" type="radio"/>	N
39. CONVERTER-PROVIDED BATTERIES			
39.1	One (1) Converter added battery will be provided	<input checked="" type="radio"/>	N
39.2	The vehicle shall also be equipped with four (4) OEM batteries	<input checked="" type="radio"/>	N
39.3	All four (4) batteries will be located under the driver's side door on a roll-out tray	<input checked="" type="radio"/>	N
40. EMERGENCY START SYSTEM			
40.1	The emergency start batteries may be used to start the vehicle by utilizing a switch on the console to tie together all four batteries. If the system for emergency purposes is tied together a notification will appear on the master display	<input checked="" type="radio"/>	N
41. SPARE TIRE STORAGE			
41.1	A full size, fully inflated spare tire shall be provided and shipped loose in the completed unit	<input checked="" type="radio"/>	N
41.2	The spare tire will boxed and secured in such a manner as to insure that the unit is not damaged	<input checked="" type="radio"/>	N

Proposer Initials: *ADP*

ATTACHMENT C: AMBULANCE MODULE SPECIFICATIONS

Instructions: Initial the bottom of each page of the Ambulance Module Specifications in the space provided and remit as part of your Proposal as Attachment C, acknowledging a demonstrated understanding of the stated requirements. Any and all exceptions to the stated mandatory minimum requirements shall be indicated on the Statement of Compliance (Attachment D) and identified by the Item Number listed in the specifications. Each specification must also be circled to note as compliant or not compliant. Failure to note compliance or to list exceptions shall result in your bid being deemed as non-responsive.

ITEM NUMBER	SPECIFICATIONS	COMPLIANT? CIRCLE ONE	
BASE SECTION			
The following section describes the required body design, manufacturing process, and materials. Adherence to this section is of extreme importance to this purchaser due to space requirements and safety concerns. The bidder must meet this section as closely as possible without utilizing experimental or prototype designs in order to be considered for bid award.			
42. DIMENSIONS (THE COMPLETED VEHICLE SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS):			
42.1	(Exterior Module) -Height: 92.5" -Width: 95" -Length: 172"	<input checked="" type="radio"/>	N
42.2	(Interior Module) -Height: 72" -Aisle 46" -Length: 168"	<input checked="" type="radio"/>	N
42.3	OVERALL DIMENSIONS (Including Chassis, Module and Step) -Height: 108" -Width: 98" -Length: 306"	<input checked="" type="radio"/>	N
43. MODULAR BODY STRUCTURAL DESIGN REQUIREMENTS			
43.1	The module body shall be designed and fabricated with the following key elements in mind: 1. The greatest possible load carrying capacity is desired; 2. The safety of all vehicle occupants is of paramount concern; 3. The body design, including construction materials and fabrication techniques shall be proven to be durable. 4. The body shall be easily retrofitted to a new chassis should that need ever arise.	<input checked="" type="radio"/>	N
44. GENERAL BODY DESCRIPTION			

Proposer Initials: *SAM*

44.1	SERVICE INTENT: The ambulance body shall be all aluminum. The body sheet shall be reinforced with structural members designed to resist deflection and hold up to extreme ambulance service per current revision of Federal specification KKK-A-1822	(Y)	N
44.2	BODY MEMBER ALLOY: The side, roof, front and rear sheet shall be derived from 5052-H-32 Aluminum sheet. The roof sheet shall be one piece, from roof rail to roof rail. The side structure and structural shapes shall be extruded of 6063-T6 aluminum	(Y)	N
44.3	BODY WARRANTY: The body shall carry a 15-year warranty following the date of delivery to the end user. The warranty shall cover repairs or replacement of body elements or components that fall due to structural defects in materials and workmanship	(Y)	N
44.4	The body shall be re-mountable to a future new chassis, of exact specification, without voiding the 15-year body warranty, provided the remount is done by the Original Ambulance manufacturer or its authorized agent	(Y)	N
45. PAYLOAD REQUIREMENTS			
45.1	The vehicle payload shall meet or exceed that called for in the current KKK-A-1822 specification. Before delivery of the completed unit the manufacturer shall weigh the vehicle. This purchaser reserves the right to have the finished vehicle weighed independently upon delivery. It should be noted that this purchaser, while interested in attaining the greatest possible payload, is unwilling to compromise on the structural requirements of a strong, durable, and safe body. All bidders must understand these factors supersede concern over payload, and that the lightest body (greatest payload) will not necessarily be deemed sufficient to meet the stringent quality and safety requirements set forth herein	(Y)	N
46. MODULE BODY STRUCTURAL INTEGRITY			
46.1	The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a standalone static load test on a type-tested body. The test shall be conducted in accordance to AMD-001 except the test weight shall be 55,000 pounds or 5.7 times the curb weight of the finished vehicle. (Over 3.8 times the test weight imposed by AMD-001). Additionally the same unit shall be subjected to the same test with the body turned on its side. Complete copy of the testing documents with photos, must accompany the bid/proposal. Exceptions to this requirement will not be considered. Noncompliant bids will be rejected	(Y)	N
46.2	Safety is of the utmost importance to the purchaser. While currently there are no federal standards for crash testing an ambulance, the purchaser requires an outside third party test by a certified SAE facility to validate the structural crash worthiness of the ambulance conversion. The test will exceed the standards established by the National Highway Traffic Safety Administration and the Insurance Safety Institute for Highway Safety for side impact of a standard passenger sedan. To more accurately replicate the severity of a side impact collision on an ambulance the speeds should be boosted to 42 miles per hour. Complete copy of the testing documents with photos, must accompany the bid/proposal. Exceptions to this requirement will not be considered. Noncompliant bids will be rejected	(Y)	N

Proposer Initials: *ADJ*

46.3	WELD QUALITY: All welds within the modular body shall meet American Welding Society codes for structural and sheet welding.	Y	N
46.4	CREVICE PREPARATION: All skin and extrusion surfaces destined to be mated shall be primed with chromate, etching primer prior to assembly. Additionally, all overlapping extrusion to skin surfaces shall be bedded with a one part polyurethane adhesive sealant.	Y	N
47. SIDE STRUCTURAL MEMBERS			
47.1	The sheet edges will be fit into slots designed within a proprietary, double hollow, corner post extrusion. The sheet will be M.I.G. Welded to the extrusion. Double-hollow designed Corner post extrusions shall be used to weld side grid end assemblies together. Horizontally oriented, adjoining structural box tubes shall be welded to the corner post with at least 4" of weld length.	Y	N
47.2	The intermediate structural members of the side grid shall be two inch by two inch 6063-T6 aluminum, architectural box tubing. All entry and compartment door adjacent members shall be one quarter (.250) (double thickness) two inch by two inch architectural box tubing. The main structure shall frame in the compartment openings and provide intermediate skin support. The intermediate structure spacing shall have a nominal dimension of twelve inches. All grid structure shall be welded together with at least four inches of weld length.	Y	N
47.3	The side skin shall be bonded to the structural grid using two inch wide, VHB (Very High Bond) adhesive tape.	Y	N
48. BODY SHEET			
48.1	The side sheet shall be a one piece, seamless, .125 thick, 5052-H32 aluminum. The side sheet compartment opening cut outs shall be cut with CNC controlled, gantry mounted plasma or high-speed routing equipment. This method will encourage square openings to receive the pre-hung door assemblies and maintain critical structural locations. Pre-determined ventilation louvers shall be formed into the body sheet, where specified. A seamless door jamb exterior is required to minimize corrosion- extruded type door jambs do not meet this specification. The skin shall completely conceal the doorjamb from view. The only visible seams on the body sheet shall be at the corner posts.	Y	N
49. SEAT BELT ANCHORAGE			
49.1	Occupant seat belts shall be through bolted through one-half by four inch plates that are continuously M.I.G. Welded to the structural grid.	Y	N
50. ROOF CONSTRUCTION			
50.1	PERIMETER EXTRUSIONS: A double hollow extrusion shall provide a structural transition between the module walls and the roof assembly. The shape shall incorporate a full perimeter drip rail. An anti-torsion web shall also be incorporated to enhance the bend resistance of the shape. The alloy shall be 6063-T6.	Y	N
50.2	ROOF SHEET: The roof sheet shall be a one piece, seamless, .090 thick, 5052-H32 aluminum. The four edges of the sheet shall be continuously welded to the roof rail.	Y	N

Proposer Initials: *ADP*

	extrusion to prevent leaks. All perimeter welds shall be ground smooth and worked smooth prior to the overall paint job		
50.3	ROOF BOWS: The roof sheet shall be supported by full width 1.25 x 2.25 x 2.25 inch architectural box tubing. The roof bows shall be located on twelve inch centers. The roof bows shall be M.I.G. Welded to the roof rail extrusions with no less than four and one-half inches of continuous weld per end. The roof sheet shall be bonded to the roof bows with VHB (Very High Bond) adhesive tape.	Y	N
50.4	ROOF CORNERS: The roof rail extrusions shall be welded together along the roof bow mating walls at the corners. In addition, the outer surfaces of the roof rail extrusions shall be continuously M.I.G. Welded to cast aluminum corner castings. The castings shall have rail shaped heat risers behind the weld sites to interlock the joint. The corner cabs will incorporate a cast in recess to facilitate the install of DOT marker lights at 45 degree angles at each corner	Y	N
50.5	The lens of the installed lights will have a near flush appearance	Y	N
51. FLOOR CONSTRUCTION			
51.1	FLOOR MEMBERS: All Floor structures shall be one-quarter (0.250) by two by three inch aluminum, 6063-T6, architectural rectangular tubing	Y	N
51.2	GUSSETS: The floor member to sidewall gussets shall be made of 6061-T6 aluminum flat bar, one-quarter inch thick by four by four inch. A gusset shall be welded at each main cross member site	Y	N
51.3	FULL WIDTH CROSS MEMBERS: The module floor shall provide core support for the side assemblies. A minimum of four (4) full body width floor members shall connect to and support the sidewall assemblies. Each member shall be made of 6063-T6 aluminum. Two of the members shall be one-quarter inch by two inch by three inch rectangular architectural box tubing and be located just forward and aft of the wheel housing. The front member of the box shall be six-inch aluminum channel and the rear threshold member shall be one-eighth inch by two inch by two inch architectural box tubing with a formed reinforced 1/4" return angle	Y	N
51.4	ALUMINUM PLATES: One-half inch thick plates shall be welded into the floor structure assembly at all locations where cot fasteners will be installed. All cot fastening hardware shall be through bolted. One inch (1 inch) thick tapping plates shall be welded in at all sites where through bolting cannot be done over fuel tanks. Floors that are uneven or are incapable of adequately supporting the load being carried on the vehicle are unacceptable. For that reason thin floor panels and/or a lack of floor supports are not desirable. To prevent buckling, sagging, oil canning or any other structural breakdown of the flooring system a detailed description of the required construction process is provided. The floor, from the front to the rear and from curbside to street side shall be supported by minimum 2" x 3" tubular beams with a .25" wall. The floor just behind the axle shall be supported by a minimum 1.5" x 3" tubular beam with a .25" wall. All beams shall be strategically located at the load bearing points of the floor and welded into place. The sub floor, above the aluminum sheet noted above, shall consist of 3/4" marine grade plywood. There shall be a minimum of pockets or voids at the floor to the sidewalk areas where water or moisture can become trapped or cause unsanitary conditions. All voids and pockets shall be filled with a sealer or caulking compound to provide a 100% smooth finish	Y	N

Proposer Initials: *ASW*

	from floor to wall. The floor bottom shall be completely sealed to prevent moisture and toxic fume penetration		
51.5	<p>WATER TIGHT PATIENT CABIN: The plywood sub floor shall be shielded from moisture. A forty-mil thick aluminum sub sheet shall be sealed to the floor structure with silicone sealant. Additional aluminum plates shall be intermittent welded between compartments, wheel well liners, step wells and fuel filler housings. All of the areas shall be thoroughly sealed from one to the other, creating a sealed patient cabin from the outside. Extrusion hollows shall be filled with expandable foam sealant to prevent fumes and moisture from entering</p>	(Y)	N
52. MOUNTING SYSTEM			
52.1	<p>The OEM chassis manufacturer determines the outside dimension, across the frame rails on this chassis. A minimum of (5) five Mounting platforms shall be attached along the outside of each chassis frame rail for a total of (10) ten. Each platform shall consist of (1) top plate of .375" thick steel and (2) side reinforcement plates made of .25" steel. There shall be a .375" full backing plate where the mount attaches to the frame rail. The plates shall be welded along all seams with a heavy continuous weld. The body substructure shall include a .5" by .3" solid aluminum tie down bar welded to each substructure cross member. To complete the body to chassis attachment, a dull isolation tuned mounting system shall be used.</p> <p>The elastomer mount shall be custom-tuned to the specific chassis type for vibration reduction, structure borne noise attenuation and to provide low profile, low frequency isolation necessary for ideal patient compartment conditions. Standard chassis furnished mounting donuts will not meet the requirements of this specification.</p> <p>The Isolation Mount shall be attached to each platform by (2) .625" Grade 8 bolts with washers and locking nuts. The platform shall be attached to the chassis frame rail with a minimum of (3) .625" diameter Grade 8 bolts with washers and locking nuts. The failsafe elastomer isolation mount shall then attach to the aluminum body tie down bar with a .75" diameter Grade 8 bolt, a washer, and a locking nut.</p>	(Y)	N
53. CURBSIDE ENTRY DOOR			
53.1	CURB SIDE ACCESS DOOR: The curbside access door shall be at least 84 13/16" high by 31" wide measured at the doorjamb opening	(Y)	N
53.2	<p>STEP WELL: A curbside entry door shall feature a two step "step well" to assist in patient cabin egress. The steps shall have a tread dimension of not less than 9 inches. The riser dimension shall not exceed 10 inches, measured from the step tread to the floor of the patient cabin. A right-angled trim, made of polished Stainless Steel, shall be formed over the flooring material and wrap around the 3-sided perimeter of the step well. Step well material shall be 0.100 thick, Polished aluminum diamond plate. The step well shall be illuminated by a GROTE Brand LED light. The light will be activated by the side entry door. The step well shall meet or exceed the current revision of Federal specification KKK-A-1822</p>	(Y)	N
54. REAR ENTRY DOORS			

Proposer Initials: *ASB*

54.1	REAR ACCESS DOORS: The rear of the module shall be equipped with double seamless patient compartment access doors. The doors shall be centered on the body and align with the patient compartment aisle space. The doors shall measure 46 3/4 inches wide by 56 5/8" high, jamb to jamb	(Y)	N
54.2	REAR ACCESS DOOR JAMB: At the rear access doors, a full width, formed seamless stainless steel jamb protection plate shall be provided to prevent the cot frames from chipping the paint. The stainless steel protection package shall start from under the kick plate and follow the contour of the outer jamb and convert to a 45 degree entry transition ramp as it enters the door opening and covers the end of the sub-floor. The sill is to extend onto the module floor and cover the last six inches of the vinyl floor covering	(Y)	N
55. COMPARTMENT CONSTRUCTION			
55.1	MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for Generators, Oxygen, and Backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers	(Y)	N
55.2	VENTILATION: All compartments, made from aluminum sheet, shall have at least eight louvers of ventilation to the outside. All compartments shall be louvered through an interior sidewall with at least nine (9) square inches of free-vented area. An exterior splash shield will be provided to prevent water and to minimize the intrusion of dust to the interior of the compartment	(Y)	N
55.3	DRAIN HOLES: Drainage holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment	(Y)	N
55.4	ADJUSTABLE SHELF: When a shelf is specified a standard duty aluminum adjustable shelf shall be provided. The shelf shall be formed of .125 (1/8") thick polished aluminum diamond plate, with 2 inch upward turned lips on all four sides	(Y)	N
55.5	SHELF MOUNTING: When a shelf is specified unit strut track will be installed. The Unistrut channel shall be made from 1 5/8" x 13/16" x 16 gauge 6063-T6 extruded aluminum. The channel shall be plug welded vertically through the out side of the compartment body, with a minimum of five (5) 1/4" diameter welds per each channel. The channel nuts shall be made of case hardened steel with 1/4"-20 threads and spring loaded to prevent slipping while being adjusted. The shelf mounting bracket shall be made of cast aluminum with a brite finish. The casting size shall be 2" x 2" x 2" and a minimum of 1/8" thick	(Y)	N
55.6	SURFACE PROTECTION: All exterior compartments shall have black rubber matting on compartment bottoms, shelves and slide-out trays	(Y)	N

Proposer Initials: *AMM*

55.7	<p>COMPARTMENT LIGHTING: LED strip lighting in all exterior compartments.</p> <p>(2) per compartment.</p> <p>Location: Inside compartment door frames. Run full height on both sides.</p> <p>The lights will come on when the door is opened</p>	Y	N
56. DOOR CONSTRUCTION			
56.1	<p>DOOR SKIN: The door skin shall be .125 thick 5052-H34 aluminum sheet formed on all four sides to create a crevice free surface for best paint adhesion and corrosion resistance. The formed edges shall not have elongation cracks due to forming. The formed edges uniformly rounds off exposed edges for better paint adhesion and aesthetic appeal. The Skin will not be formed into the door frames.</p>	Y	N
56.2	<p>DOOR FRAMING: The door frame shall reinforce the perimeter of the skin pan. The extrusion shall incorporate a T-slot to receive an extruded, hollow, closed cell weather strip. The door frame shall also add torsion resistance to the door assembly. The door frame shall be mitered at the corners, assembled with one-way, drive-in splines, and continuously welded on the inside. The door frame shall also incorporate a clearance way for UNF threaded blind fasteners for the door panels. The door frames will have a visible flange on the exterior of the body.</p>	Y	N
56.3	<p>FINAL DOOR ASSEMBLY: The door skin shall be bonded to the frame assembly with an adhesive sealant in addition to intermittent welding. Additional adhesive sealant shall be applied to the inside of the door skin to prevent moisture from becoming trapped between the skin and the door frame extrusion. For entry doors: Additional, horizontal structure shall be added to maintain door skin flatness as well as penetration resistance in the event of a collision. The C-shaped, horizontal members shall be formed from one hundred twenty five mills thick aluminum sheet. A minimum of two, horizontal members shall be welded in. A vertically oriented c-channel shall be welded to the webs of both horizontal channels for additional buckling resistance</p>	Y	N
56.4	<p>CORNER SPLINES: Both the door frame and the door jambs will be constructed of extruded aluminum 6063-T6. The extruded shapes shall be designed to mate together. There shall be a corner spline located in each corner of both the door frame and jamb. The corner spline shall be a solid milled aluminum shape that when in place creates a perfect ninety (90) degree corner. The spline shall completely fill the hollow cavity of the door frame and jamb extrusions. The spline shall be slightly larger than the cavity of the extrusions so that it must be driven into place. The spline shall have four (4) barb style wedges that prevent the spline from being removed once it is driven into place. The splines shall be approximately one half inch thick by one inch wide by four inches long (.5" x 1" x 4") in both directions from the ninety degree corner. Modular bodies that do not use both extruded door frames and jambs, nor bodies that do not use drive-in splines are not acceptable</p>	Y	N
56.5	<p>DOOR PANELS: The inside door panels shall be made of 100 mills (0.100) thick aluminum plate. The center panel shall be removable for easy lock service/lubrication. The edges of the door panel shall be recessed into the door frame extrusion. The panels shall be fastened to the door frame with stainless steel, #10-32 UNF machine screws threaded into aircraft quality blind fasteners. Each</p>	Y	N

Proposer Initials: *ADK*


	screw shall have an internal tooth lock washer to preclude loosening		
56.6	DOOR JAMB: The door jamb shall accommodate rigid fastening of compartment door hinges. The jamb shall include a hollow cell that shall conceal wiring for the non-mechanical door switch. The door jamb corners shall be mitered and have drive-in corner spines to hold the door square and rigidly together at the corners. Additionally, the jamb shall be continuously M.I.G. Welded on the inside and the outside corners. A seamless door jam exterior is required to minimize corrosion - extruded type door jambs do not meet this specification. The skin shall completely conceal the door jamb from view. "No Exterior Door Extrusions Allowed"	Y	N
56.7	HINGE: All doors shall have stainless steel, continuous, piano hinge. The pin diameter shall be .250 and staked into place to prevent drifting out of the hinge leaf. The knuckle lengths shall be one inch. The hinge attachment bolts shall be one quarter inch diameter, twenty threads per inch by one inch long stainless steel Type F hex head bolts. All tapped holes for hinge bolts shall be treated with an anticorrosion compound prior to installation of each hinge bolt. Each hinge leaf shall have a Mylar insulation strip between the leaf and the Jamb/Door	Y	N
56.8	LATCHES: The latches shall meet FMVSS 206. All latches shall be two-stage, rotary-type. The latches shall be through bolted to the door frame extrusion. All entry doors shall have two rotary latches per door. To assure uniform latch timing and functional door reliability, only straight, one-quarter inch diameter rods shall connect the latches to the handle. Bends in door latch rods are NOT acceptable. Bends in door rods will straighten at undefined rates and cause latch timing problems. Unless otherwise specified herein, all single hung compartment doors shall have one rotary latch. All double hung compartment doors shall have two rotary latches per door. All striker pins shall be headed to prevent the door(s) from opening under impact	Y	N
56.9	EXTERIOR HANDLES: The entire exterior handle assembly shall be Tri/Mark Series 2100 cast metal that is chrome plated and buffed to a high luster. Blind fasteners shall be used to fasten the handles to the door. Every paddle handle shall have an isolation gasket between the paddle body and the door skin. All door skin surfaces shall be painted prior to installation of the hardware. All paddles, on single hung and leading double doors shall be locking type and keyed the same. Trailing doors shall; have non-locking paddle handles, mounted on the outside of the door. The Handle shall have a bright chrome like finish mounted into a bright chrome coated dish. The latching mechanism will incorporate a free floating handle design	Y	N
56.10	INTERIOR HANDLES: The interior handle shall be lever type. A Lock/Unlock lever shall be installed below the inside lever handle and be clearly marked Lock/Unlock	Y	N
57. HOLD-OPEN DEVICES			
57.1	The following door hold-open devices shall be installed: Compartment doors: Gas filled, 100-degree extension actuator.	Y	N

Proposer Initials: *DLK*

	Side access door; Gas filled, 110-degree extension actuator. Spring-loaded devices are not desired because of their weaker holding capabilities and a lack of smooth door operation		
57.2	DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety degrees (90) from the fully closed position	Y	N
57.3	REAR ACCESS DOOR CHECKS: Rear access doors shall open at least 150 degrees. The door checks shall be 2 piece, heavy duty, cast aluminum, grabber type with gaskets. The door shall have a 1/2 round stock loop that plunges into a positive rubber/cast socket	Y	N
58. WINDOWS, MODULE BODY ENTRY DOORS			
58.1	REAR ENTRY DOOR WINDOW: The two rear doors shall feature a window with fixed glass. Each of these windows shall measure 16.5"h x 17"w and shall be glazed and tinted in accordance with FMVSS. The windows shall be encased in extruded aluminum frames. Under no circumstances will RV style windows, windows that rely on rubber gaskets, windows that do not feature extruded aluminum frames, or windows that do not meet the above stated minimum dimensions be acceptable	Y	N
58.2	SIDE ENTRY DOOR WINDOW: The side access door shall feature a sliding window. The window shall measure 16.5"h x 17"w and shall be glazed and tinted in accordance with FMVSS. The window shall be encased in extruded aluminum frames. Under no circumstances will RV style windows, windows that rely on rubber gaskets, windows that do not feature extruded aluminum frames, or windows that do not meet the above stated minimum dimensions be acceptable	Y	N
59. PRIVACY GLASS			
59.1	All of the patient area windows, as specified above, shall feature a dark 'privacy' tint. This tint shall be incorporated into the glass. This process is required over those utilizing laminates or films due to the tendency of such materials to peel or bubble over time	Y	N
60. INSULATION			
60.1	The patient area of the vehicle shall be insulated with 2" Technicon polyfiber for both thermal and acoustic insulation. The compartment and access doors shall be fully lined with polydamp intefoam extensional damping pad for thermal and acoustical insulation. The duct work for the heating and air conditioning system shall be lined with .250 inch rigid foil back polystyrene insulation	Q	N
61. SOUNDPROOFING			
61.1	To insure good working conditions and to create a stable patient environment, the vehicle shall be manufactured with particular attention paid to sound control. The following process must be performed throughout the manufacturing cycle of the vehicle: 1. Door interiors are to be lined with polydamp intefoam extensional damping pad	Y	N

Proposer Initials: *ADEN*

	2. All walls shall be insulated with 2 inch Technicon polyfiber acoustic insulation, 3. Headliners shall be double insulated with 2 inch Technicon Polyfiber and a Reflectix barrier		
62. MODULE CONFIGURATION			
62.1	MODULE LENGTH: The interior module length shall be at least one hundred sixty eight inches	(Y)	N
62.2	MODULE WIDTH: The module width shall comply with current revision of Federal Specification KKK-A-1822. The module shall be ninety five inches wide, excluding lights and accessories	(Y)	N
62.3	MODULE HEAD ROOM: The module shall not be less than seventy two inches actual measured headroom. The measurement shall be taken from the patient compartment floor to the ceiling panels	(Y)	N
62.4	LOAD HEIGHT: Load height is defined as the vertical measurement from the level ground to the finished floor plane. The load height specified herein shall not exceed the current Federal specification KKK-A-1822	(Y)	N
63. LEFT FRONT COMPARTMENT			
63.1	This compartment shall be located in the left front corner of the modular body. The minimum compartment dimensions shall be: Actual Dimensions: 65" High x 21.5" Wide x 20" Deep Clear Door Opening: 18.7" Wide x 63.5" High	(Y)	N
63.2	COMPARTMENT DOOR: A single, outside, forward hinged door shall be set for this compartment. The door shall have a single handle and two rotary latches. The compartment shall house the vehicle's primary O2 cylinder. The compartment shall be vented to the outside.	(Y)	N
63.3	COMPARTMENT FLOOR CONFIGURATION: Due to the stress transmitted to the floor of this compartment as a normal part of the loading and unloading of the main O2 cylinders the floor of this compartment will made of .250" flat plate Aluminum. This compartment floor shall be a sweep out type floor, The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform	(Y)	N
63.4	MAIN O2 MOUNTING HARDWARE: Standard Zico Mount	(Y)	N
63.5	FIXED VERTICAL DIVIDER: A fixed vertical divider will be located 8" to the right of the left hand wall in the compartment. The divider will be full height X 18" deep and made of .125 Aluminum plate	(Y)	N

Proposer Initials: 

63.6	ADJUSTABLE SHELF. A single, adjustable shelf will be located above the main O2 to the right of the fixed divider in this compartment. All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate	(Y)	N
63.7	DROP PAN FLOOR: Install a 4" drop pan in the 8" wide forward section to accommodate 72" tall Miller board storage forward of the divider	(Y)	N
64. LEFT INTERMEDIATE COMPARTMENT			
64.1	This compartment shall be located in the right of the left front compartment. The minimum compartment dimensions shall be: Actual Dimensions: 43" High x 55.5" Wide x 20" Deep Clear Door Opening: 51.8" Wide x 39.8" High	(Y)	N
64.2	COMPARTMENT DOOR: A pair of outside, forward hinged, compartment doors shall be set for this compartment. The doors shall each have a single handle and one rotary latch	(Y)	N
64.3	COMPARTMENT FLOOR CONFIGURATION: This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform	(Y)	N
64.4	ADJUSTABLE SHELF. A single, adjustable shelf will be centered in this compartment. All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate	(Y)	N
65. LEFT REAR COMPARTMENT			
65.1	This compartment shall be located in the left rear corner of the body. The minimum compartment dimensions shall be: Actual Dimensions: 66.5" High x 37.4" Wide x 20" Deep. Clear Door Opening: 32" Wide x 63.5" High The Upper 24.5" section above 42" will be 14" deep. 6.5" deep interior cabinets will back to the portion of the compartment. This compartment has been designated for SCBA and Safety equipment storage	(Y)	N
65.2	COMPARTMENT DOORS: A pair of outside, forward hinged, compartment doors shall be set for this compartment. The doors shall each have a single handle and one rotary latch	(Y)	N
65.3	COMPARTMENT FLOOR: This compartment shall feature a Three inch (3") dropped floor. The edge of the compartment shall be continuously welded to the lower door	(Y)	N

Proposer Initials: *AR*

	jamb		
65.4	<p>ADJUSTABLE SHELF: an adjustable shelves will be located in this compartment.</p> <p>Location: Center in the full depth lower section.</p> <p>All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate</p>	(Y)	N
65.5	<p>TOOL MOUNTING PLATE: Install a pair of Unistrut style shelf track on the back wall, upper 24.5" portion.</p> <p>Bolt a .250" brushed aluminum plate on the Unistrut track.</p> <p>This will be used for install of SCBA hardware</p>	(Y)	N
66. RIGHT REAR BACKBOARD COMPARTMENT			
66.1	<p>This compartment shall be located in the right rear corner of the module body. The minimum jamb pass through dimensions shall be:</p> <p>Actual Dimensions: 29.6" Wide x 83.6" High x 20" Deep Clear Door Opening: 25.1" Wide x 80.7" High</p>	(Y)	N
66.2	<p>COMPARTMENT DOOR: A single outside, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches</p>	(Y)	N
66.3	<p>COMPARTMENT FLOOR CONFIGURATION: Due to the stress transmitted to the floor of this compartment as a normal part of the loading and unloading of back boards and the stair chair the floor of this compartment will made of .250" flat plate Aluminum.</p> <p>This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform</p>	(Y)	N
66.4	<p>FIXED VERTICAL DIVIDER:</p> <p>Quantity: Two (2)</p> <p>A fixed vertical divider will be located 8' to the right of the left wall in the compartment.</p> <p>The divider will be full height x 18" deep and made of .125 Aluminum plate.</p> <p>A second 40" tall divider will be located 9.5" to the right of the full height fixed divider</p>	(Y)	N
66.5	<p>FIXED SHELF: The bottom shelf will be located to the right of the full height fixed divider 40" above floor level to accommodate the storage of a stair chair and Auto Pulse below</p>	(Y)	N

Proposer Initials: *Sham*

66.6	<p>ADJUSTABLE SHELF: Two (2), adjustable shelves will be located to the right of the full height divider and distributed above the fixed shelf.</p> <p>All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate</p>	(Y)	N
67. CURBSIDE FRONT COMPARTMENT			
67.1	<p>This compartment shall be located in the right front corner of the body. The minimum compartment dimensions shall be</p> <p>Actual Dimensions: 26.7" Wide x 83.6" High X 30" Deep Clear Door Opening: 22.1" Wide x 79.1" High</p> <p>This area shall be accessed through a single outside, hinged door and from an opening located on the curb side forward wall (vehicle interior front wall area).</p> <p>This compartment shall be primarily used for storage of customer furnished jump kits.</p> <p>Note: 3 batteries can be accommodated under the driver's side of the cab; if additional batteries are requested, a lower battery storage compartment will be installed below floor level. The upper door will be shortened and a second lower door and a Kwikkee slide out battery tray shall be installed.</p>	(Y)	N
67.2	COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch	(Y)	N
67.3	COMPARTMENT FLOOR: This compartment shall feature a sweep out door opening	Y	N
BODY PROTECTION AND BRIGHT WORK			
68. MODULE BODY CORNER PROTECTION			
68.1	The lower seventeen inches (17") of the corner post extrusions shall be protected against stones and road debris. The corner post guards shall be formed of .080 thick polished aluminum diamond plate, contour fit to the corner post extrusions and riveted into place. A bead of silver colored, silicone sealant shall be applied across the top edge of the guards. The bottom of edge of the guard shall be left unsealed to promote moisture drainage	(Y)	N
69. FRONT STONE GUARDS			
69.1	The front of the body shall have skirt-line protection plates made of polished Stainless Steel. The corner posts shall have form fit diamond plate protection height matched to the front body stone guards. The height of the protection is seventeen inches up from the body skirt line	(Y)	N
70. REAR KICK PLATE			

Proposer Initials: *ADW*

70.1	The rear kick plate shall be made of 0.100 inch thick polished aluminum diamond plate and run from corner post to corner post. The height shall be from the skirt-line of the body to the bottom door jamb under the rear access doors	(Y)	N
71. REAR FENDERS			
71.1	The rear fenders shall be made of polished Aluminum. The mounting fasteners shall be Stainless Steel bolts with 100% nylon nut inserts. The fastener centers shall not exceed ten (10) inches	(Y)	N
72. SKIRT RUB RAILS			
72.1	The entire skirt-line of the body, forward and aft on the rear wheels shall have formed Polished Stainless Steel skirt rails to protect the body. Each skirt rail shall meet current Federal Specification KKK-A-1822. Each rail shall be chamfered 45 degrees at both ends. The rails shall not have exposed fasteners in the rail when viewed from the standing position. The rails shall not cut into the paint. They shall be mounted to the lower part of the modular body in such a way that they are spaced off the body	(Y)	N
INTERIOR			
73. CABINETS			
73.1	All cabinets shall be constructed of plywood. The plywood shall have a minimum of seven plies and all plies shall be made with hardwood type woods. Plywood's constructed of softwoods like fir or pine is not acceptable. The face of cabinet modules shall be one piece of plywood with the compartment openings routed out for strength. A high impact, phenolic backed, high impact, and abrasion resistant high pressure laminate shall be used on both sides of the plywood. Gator-ply or Kraft type paper backers are not acceptable due to potential moisture absorption, which can result in cabinets warping or absorption of blood born pathogens. This material as well as all interior components shall meet or exceed F.M.V.S.S. #302. The laminate shall be adhered to the plywood prior to cutting and routing to maximize the bond and minimize edge chipping. The glue shall be a PVA (poly vinyl acetate) and each piece shall be put in a glue press for a minimum 90 minutes at 30 pounds per square foot	(Y)	N
73.2	Cabinets shall be assembled utilizing three construction methods; gluing, stapling and screwing. The length of the fastener shall be at least 2.25 times the thickness of the material being pierced through. Screw heads shall be counter-sink type and driven flush. Staples shall be placed on two-inch intervals along the joints. Where ever possible joints shall be tongue and groove. The glue used shall be yellow colored waterproof resin type	(Y)	N
73.3	Each cabinet shall be designed and constructed as an independent modular component. Partial cabinets are not acceptable because it reduces overall structural integrity. Cabinets shall be bolted to the body structure. Cabinets that are welded or otherwise permanently affixed to the module body structure will be unacceptable. Such permanent installation methods limit the ability to make design updates at a later time. They also increase the time and cost involved with regard to remounting the body onto a new chassis should that occasion ever arise. Likewise, cabinets mounted with the use of either rivets or adhesives of any kind will not be	(Y)	N

Proposer Initials: *[Signature]*

	considered without exception		
73.4	All trim through out the interior conversion shall be anodized aluminum or formed stainless steel. "Mill Finish" aluminum trim is not acceptable due to constant oxidation problems inherent in unfinished aluminum. All exposed corners within the patient compartment shall have padded or rounded corners. The round over trim shapes shall be dent resistant and designed to reinforce the structural integrity of the cabinet	(Y)	N
73.5	Mitered joints through out the interior conversion shall have a gap-less, hairline fit. Openings and misalignments at the corners are not acceptable. Misapplied trim to cover manufacturing mistakes is not an acceptable solution to poor design and/or workmanship. Doors shall be warp free. Sliding polycarbonate door assemblies shall be scratch free and all edges shall be smooth and free of saw marks and sharp edges. Cabinets shall fit tightly against the ceiling as well. Doors and drawers shall fit the opening. All doors shall open and close bind-free. Drawers shall slide in and out freely, without drag. All drawers shall be side mounted, full-extension drawer slides, rated at no less than 75 pounds per pair. All hinged wood core doors shall have positive latches	(Y)	N
73.6	When specified, flush fitting doors shall have even door to opening gaps. All doors shall open and close bind-free. Drawers shall slide in and out freely, without drag. All drawers shall be mounted on side mounted, full-extension drawer slides, rated no less than 75 pounds / pair. All hinged wood core doors shall have positive latches	(Y)	N
73.7	All shelves shall be made of hardwood laminate and be surfaced on both sides and trimmed in aluminum. The shelves shall be held in place by aluminum Unistrut track that is recessed into the cabinet wall to allow for maximum shelf width. Surface mount shelf track shall not be acceptable	(Y)	N
74. STREETSIDE LOWER FRONT CABINETS (A.1)			
74.1	The street side main cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure	(Y)	N
74.2	Streetside lower cabinet, exterior Stainless Steel riser, interior laminate white. CPR section w/ storage below w/ hinged lid & hold open gas strut w/ FlexDraw hold down latch. Gibraltar countertop ¼" retention lips in attendant area	(Y)	N
74.3	SHARPS POCKET: Attendant area back wall, (1), Stainless Steel, for Sage #R1002, Sharps container. Refer to the provided prints	(Y)	N
75. STREETSIDE UPPER REAR CABINET (A.2)			
75.1	The street side main cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure	(Y)	N
75.2	A-2 UPPER: Custom 13" Tall x 30" Wide x 18" Deep upper rear storage cabinet w/ sliding polycarbonate doors and one (1) adjustable shelf, upper exhaust vent blower access in left wall	(Y)	N

Proposer Initials: *ADP*

75.3	A2 MID LEVEL: Custom 23" Tall x 34" Wide x 6" Deep mid level cabinet set located below the upper full depth upper cabinet and backing to the partial depth section of the exterior compartment.	(Y)	N
75.4	Right side area 23" Tall x 20" Wide x 6" Deep storage cabinet with two (2) adjustable shelves w/ sliding polycarbonate doors	(Y)	N
75.5	Left side Glove Box Storage, (3) glove boxes with a side hinged flush to surface polycarbonate door with pull through openings	(Y)	N
75.6	A2 LOWER LEVEL: Cabinets have been deleted to accommodate full depth section of the raised exterior compartment	(Y)	N
76. STREETSIDE CABINETS REARWARD CENTER POSITION (A.3)			
76.1	The street side main cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure	(Y)	N
76.2	A3 UPPER LEVEL: Custom 13" Tall x 20" Wide x 18" Deep cabinet w/ sliding polycarbonate doors and one (1) adjustable shelf	(Y)	N
76.3	A3 MID LEVEL: Custom 12" Tall x 20" Wide x 18" Deep cabinet w/ sliding polycarbonate doors above Two (2) 4" tall drawers with solid fronts with locking Chrome Steel, D ring pull latches	(Y)	N
76.4	A3 LOWER LEVEL: Custom 12" Tall x 20" Wide x 18" deep storage cabinet w/ sliding polycarbonate doors	(Y)	N
77. STREETSIDE FRONT WALL (A.4)			
77.1	The street side action wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure	(Y)	N
77.2	A4 UPPER LEVEL: Two (2) Custom 13" Tall x 25" Wide x 18" Deep, Street side action wall cabinets, (1) storage area w/ sliding polycarbonate doors and one (1) adjustable shelf, each	(Y)	N
77.3	RESTOCKING FEATURE: These cabinets are to have top hinged face frames, with gas strut hold open and positive locking devices to secure the frames in the closed position	(Y)	N
77.4	A4 MID LEVEL: Attendant panel, three quarter ply with carbon fiber appearance. Cutouts for one (1) O2 outlet, Electric O2 monitor and emergency bypass, SSCOR panel, Time Manager Clock) Radio Volume control, and the main attendant switch panel	(Y)	N
77.5	Attendant area back wall, Stainless Steel Surround, cut outs for One (1) 12V outlet, Two (2) 110V outlets and a sharps pocket, recessed style, for Sage #R1002, bright Stainless Steel	(Y)	N
77.6	A4 INSERT CABINET: One (1) 24" Tall x 14" wide x 12" deep Mid level inset Storage cabinet with two (2) adjustable shelves and a pair of side hinged flush to surface polycarbonate doors with non locking Chrome Steel, D ring pull latches. Cabinet	(Y)	N

Proposer Initials: *ADP*

	located at the forward end of the attendant counter		
77.7	A4 LOWER: Attendant counter with Gibraltar, Corian or equivalent material, countertop with half inch raised edge	(Y)	N
78. STREETSIDE CPR SEAT AREA (A.5)			
78.1	The street side rear cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure	(Y)	N
78.2	Streetside CPR seat area, exterior laminate light grey, rear wall	(Y)	N
78.3	Hinged backrest w/ Stainless Steel tray on back side	(Y)	N
78.4	The back rest pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in vinyl upholstery	(Y)	N
78.5	Seamless padding specifically designed to protect the head is required. The pads shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery	(Y)	N
79. STREETSIDE BULKHEAD CABINET (A.6)			
79.1	Streetside bulkhead cabinet & wall with upper A/C removable panel, and opening for oxygen access with hinged Plexiglas door	(Y)	N
79.2	A vertical storage cabinet 50 3/4" tall x 20 1/2" Wide x 16" Deep" shall be located behind the attendant seat. It shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure. Streetside bulkhead cabinet, exterior laminate light grey, interior laminate white, cabinet is split into two (2) sections: Upper section for Misc. equipment storage, right side facing, right side hinged door w/ locking latch and two (2) adjustable shelves. Lower section right side facing, right side hinged door w/ locking latch, and vent (charger comp.). Top of cabinet to have Gibraltar, Corian or equivalent material countertop with half inch raised edge	(Y)	N
80. CABINET FRONT OVERHEAD (A.7)			
80.1	A 6" deep X 37" wide X 20" tall Electrical Cabinet will be located over the cab/module walk thru opening. This cabinet shall include a solid hinged door hinged on top with gas shock to hold door in upright position for maintenance. This cabinet shall conform to all cabinet construction requirements	(Y)	N
81. PARTITION (A.8)			
81.1	Solid Partition, exterior laminate light grey, sliding (clear) Plexiglas window	(O)	N

Proposer Initials: *ADP*

82. CURBSIDE BULKHEAD JUMP-KIT CABINET (A:9)			
82.1	<p>A cabinet shall be provided on the front wall of the patient area just inside the side access door.</p> <p>This cabinet shall run from floor to ceiling and shall be assembled according to the cabinet construction section. The cabinet shall be anchored at both the top and bottom for stability. This storage area shall be used to house purchaser supplied bagged equipment and supplies. This cabinet will be 68" Tall x 30" wide x 25" Deep.</p> <p>Cabinet will have a fixed shelf 12" down from top of cabinet. Install a vertical divider centered in the space above the shelf.</p>	(Y)	N
82.2	<p>Left section to accommodate Knox 5502 Medi-vault, Upper right storage cabinet w/Top hinged polycarbonate door with non locking Chrome Steel, D ring pull latch.</p> <p>The area below is to be open to the interior with Three (3) adjustable shelves.</p> <p>This cabinet will have LED strip lighting full height inside of the left and right side cabinet openings.</p>	(Y)	N
83. SQUAD BENCH (A:10)			
83.1	<p>A minimum 20" wide x 72" long squad bench shall be provided on the curbside of the patient area. It shall be assembled according to the cabinet construction section. The lid shall be split and shall not include posts or wheel cups for a stretcher. Exterior Stainless Steel riser, interior laminate white, (2) hinged lids w/ hold open gas struts and Southco rubber " FlexDraw " hold down latches</p> <p>HEAD END SEATING POSITION: ; One (1) pair of seat belts shall be installed in this area for the seated position. The belts shall conform to FMVSS Standard No. 209 (seat belt), and 210 (seat belt anchorage).</p> <p>FOOT END SEATING POSITION: One (1) pair of seat belts shall be installed in this area for the seated position. The belts shall conform to FMVSS Standard No. 209 (seat belt), and 210 (seat belt anchorage).</p> <p>On the curbside wall there shall be Four (4) rectangular cushions for backrests. These too shall be easily removed for bio-hazard cleaning.</p> <p>The cushions shall be attached to the lids with Velcro to make them easy to remove for bio-hazard cleaning. Two additional belts shall be supplied for backboard retention of a secondary patient</p>	(Y)	N
83.2	<p>BIO-WASTE COLLECTION AREA: A biological waste area shall be provided and located at the head of the bench. One six quart (346 cubic inch), rimmed plastic waste container shall be supplied and fitted into the "Bio-waste" enclosure. The enclosure shall be covered with a red Plexiglas hinged door. The door pull shall be full length. A white colored "Bio-waste" symbol and legend shall be applied to the door. The sharps containers shall be a drop in, horizontal top drop, Sage #R1002 rimmed plastic container with closure.</p> <p>Trash & sharps containers to be included</p>	(Y)	N
84. CURBSIDE UPPER CABINET			

Proposer Initials: *DAM*

84.1	The curbside upper cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure. Curbside storage cabinet, exterior laminate light grey, interior laminate white. Cabinet over squad bench, divided into two sections w/ hinged (flip up) 3/8" polycarbonate doors w/ Chrome Steel "D" ring latches	Y	N
84.2	ADJUSTABLE VERTICAL DIVIDERS: QUANTITY: Two (2) Sets. Install a set of 6 Plexiglas dividers into each section of the upper curbside cabinet	Y	N
84.3	RETENSION LIP; Two (2) Both sections to have 1 1/2" tall retention lip across the front edge	Y	N
85. ATTENDANT SEAT			
85.1	INSIDE ACCESS TO AN EXTERIOR COMPARTMENT: Location: Curbside rear, Access into upper forward portion of the curbside rear compartment. Configuration: Two (2) side Hinged Plexiglas Doors, non locking Chrome Steel pull latches	Y	N
85.2	A bucket type attendant seat with built in child safety seat shall be installed. The seat shall be bolted to a pedestal with 3 point retractable seat belts. The seat shall be capable of sliding both front and backward. The seat shall be upholstered to match the vehicle interior, and shall be capable of adjustment from front to rear. Seat shall conform to FMVSS Standard No. 209 (seat belt), 210 (seat belt anchorage). Manufacturer must be able to supply compliance documentation	Y	N
86. CENTER CONSOLE DRIVER AREA			
86.1	A center console shall be installed in the driver area and attached to the floor. It shall be removable for engine service and include adequate service loops on the wire harness. The main console shall provide mounting space for customer supplied MDT, a Siren controller, Intercom system and at least Two (2) radios, and the Main Switch Panel. Meters and Warning Lights will be installed on a removable panel in the Chassis OEM front console. The Specified Traffic advisor controller will be located overhead in the Navistar cab upper storage area. Directly behind console is a separate removable map box w/ adjustable polycarbonate dividers, w/ (2) cup holders. Exact layout to be determined at Pre-construction	Y	N

Proposer Initials: *ALM*

87. HEAD PROTECTION – CURB SIDE ACCESS DOOR			
87.1	A seamless pad specifically designed to protect the head during egress is required. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery	(Y)	N
88. HEAD PROTECTION – REAR ACCESS DOOR			
88.1	A seamless pad specifically designed to protect the head during egress is required and shall comply with current Federal Specification KKK-A-1822. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery	(Y)	N
INTERIOR TRIM AND COLOR			
89. FLOOR COLOR/MATERIAL			
89.1	The floor covering in the patient compartment shall be Lincoln II Flecks, Color Onyx #150UV. This floor incorporate an Anti microbial protection. It will be covered up the side walls a minimum of 3"	(Y)	N
90. UPHOLSTERY COLOR, REAR			
90.1	Unless otherwise specified, the upholstery color for the patient compartment shall be Sierra Light Gray TL -2000	(Y)	N
91. WATER FALL UPHOLSTERY, REAR			
91.1	UPHOLSTERY JOINERY TYPE: All long runs of cushion corners shall be vinyl wrapped. Sewn seams are permitted only on the cushion corners. Sewn seam lengths shall be restricted to the cushion thickness. All vinyl surfaces shall be pulled tight against the foam, utilizing a hardwood plywood backing board	(Y)	N
92. LAMINATE COLOR, UPPER			
92.2	Unless otherwise specified, the laminate color for all upper cabinetry shall be - Light Gray - D 355	(Y)	N
93. LAMINATE COLOR, LOWER MATTE			
93.1	Unless otherwise specified, the laminate color for all lower cabinetry shall be Dark Gray - 10592, matte finish	(Y)	N
94. POLYCARBONITE DOORS			
94.1	Unless otherwise specified, the sliding Polycarbonate shall be .240 thick. Sliding doors will have full height anodized aluminum handles installed, in addition 1" diameter finger holes will be provided for cable ties.	(Y)	N

Proposer Initials: *MDM*

	Hinged Doors shall be .375" thick and be installed recessed into the aluminum extrusion to provide a flush surface. The Color shall be Light Tint		
95. SEAT CUSHIONS			
95.1	All seat cushions in the patient area shall be 2" foam, double stitched seams. They shall be attached with Velcro fasteners for quick release and cleaning	(Y)	N
96. COUNTER TOPS			
96.1	All counter tops are to be high strength 1/2-inch thick Gibraltar solid surfacing material (like Corian). The material shall be edged with a one (1) inch wide strip to prevent equipment from sliding off the countertop as well as retaining any spilled fluids. The entire countertop shall be glued and sanded to create a continuous waterproof tray that will not absorb fluids and is easy to clean. It shall also be impervious to all high strength cleaning and disinfecting solutions	(Y)	N
97. HEADLINER			
97.1	The patient area ceiling shall be constructed of a bright white laminate over 1/4 inch luan plywood. This material shall be smooth, easy to clean, and durable. Headliner material that is padded or upholstered in any way will not be considered due to the lower degree of durability and the risk of contamination inherent in such materials	(Y)	N
98. WARRANTY			
98.1	An inner door pan shall fit flush with the inner edges of the door. Inner door pans that do not fit flush will have sharp or ragged edges exposed and will not be acceptable. The panels must be attached to the door structure with machine screws and Nutserts to prevent stripping. Sheet metal screws or rivets will not be accepted. A closed cell cross linked polyolefin foam tape shall be used beneath the inner door panels to isolate the panels from the doorframes. This process will prevent door rattling	(Y)	N
98.2	Unless otherwise specified, the laminate colors for all upper door panels shall be - D355 Light Gray, matte finish laminate	(Y)	N
98.3	The lower portion of the patient area entry doors shall be covered with single sheets of stainless steel. Designs that do not incorporate this feature will not be considered as they will not be capable of protecting the door panels from damage due to cot movement, foot traffic, etc.	(Y)	N
99. STAINLESS STEEL DOOR SILL			
99.1	Door sills, (rear), bright Stainless Steel, w/ramp edge, (side) bright Stainless Steel sill 1 1/2" x 2 1/2"	(Y)	N
100. STREETWALL RISER			
100.1	The street side riser beneath the main cabinet wall shall be covered with a single sheet of stainless steel. The stainless material shall be installed flush with the riser and trimmed at the top and both sides so as to cover the edges. The bottom of the	(Y)	N

Proposer Initials: *AMM*

	material shall be formed at a 90 degree angle so that, upon installation, the 4" rolled floor will seal against the stainless steel. Designs that do not include this stainless steel riser will not be considered as they will not be capable of protecting the riser from damage due to cot movement, etc.		
101. BENCH RISERS			
101.1	The curbside riser beneath the squad bench shall be covered with a single sheet of stainless steel. The stainless material shall be installed flush with the riser and trimmed at the top and both sides so as to cover the edges. The bottom of the material shall be formed at a 90 degree angle so that, upon installation, the 4" rolled floor will seal against the stainless steel. Designs that do not include this stainless steel riser will not be considered as they will not be capable of protecting the riser from damage due to cot movement, etc. In addition, stainless steel risers that have exposed edges, or that are more than one piece, will not be acceptable	(Y)	N
WARNING DEVICES			
102. LIGHTBAR			
102.1	<p>The lightbar specified below shall be installed per the lightbar mounting instructions supplied by the manufacturer.</p> <p>FRONT LIGHT BAR: Whelen 4500 Series, W/8, 400 Super LED sections, 88.00 inch long.</p> <p>The light bar shall include Six (6) Red LED lights and two (2) White LED Lights with Clear lenses and a GTT low-profile LED emitter in the center section of the light bar.</p> <p>The Two (2) center lights shall be steady burning Reds.</p> <p style="text-align: center;">F F F SB SB F F F</p> <p>Corner RED/RED/White/ RED /Opticom\RED\White\RED\Corner RED</p> <p>The emitter shall be wired "ON" with the Primary warning Light switch and shall disengage when the vehicle is place in "PARK" or "NEUTRAL".</p> <p>There shall be a separate cutout switch installed on the front switch panel. Refer to Whelen Print</p>	(Y)	N
103. TRAFFIC ADVISOR REAR UPPER			
103.1	<p>One (1) Whelen Low Profile #TAM85 with (8) TIR6 Super LED Traffic Advisor mounted above the rear doors with the control head in the chassis OEM driver's overhead console.</p> <p>NOTE: The Traffic Advisor shall be wired directly to the batteries</p>	(Y)	N

Proposer Initials: *ABM*

104. WARNING LIGHTS REAR UPPER			
104.1	The module shall have two (2) Whelen M9 Series LED (red) w/ chrome flange warning lights with RED lenses mounted on the rear outboard corners of the module	(Y)	N
105. WARNING LIGHTS REAR MID-LEVEL			
105.1	The module shall have (2) Whelen M9 series LED (Amber) w/ chrome flange warning lights with Amber lenses mounted on the rear of the module at window level. They should be positioned to show through the windows when the doors are in the open position	(Y)	N
106. WARNING LIGHTS REAR LOWER LEVEL			
106.1	The module shall have two (2) Whelen M6 Series LED Red Warning lights on the lower rear of the vehicle, above the Brake Taillights, installed in top position of Whelen #M6FCV4 Chrome Flange	(Y)	N
107. WARNING LIGHTS, MODULE SIDES			
107.1	The module shall have four (4), Whelen M9 series LED (Red) w/ Chrome Flange warning lights with RED lenses. Two (2) located on the streetside upper corners and (2) on the curbside upper corners	(Y)	N
108. FORWARD WARNING LIGHTS			
108.1	There shall two (2) Whelen M7 Series LED with Red lenses mounted in bright cast aluminum light housings in the grille. (1) Light shall be able to flash and the other light shall be steady red.	(Y)	N
109. FRONT FENDER WARNING LIGHTS			
109.11	Intersection lights, front fenders, (2) Whelen M7 Series LED Split Red/Clear w/ chrome flange warning lights with Red/Clear lenses, (1) on the streetside fender and (1) on the curbside fender	(Y)	N
110. REAR FENDER WARNING LIGHTS			
35.3	Intersection lights, Rear fenders, (2) Whelen M6D Series LED Split Red/Clear LED w/ chrome flange warning lights with Red/Clear lenses, (1) above the streetside fender and (1) above the curbside fender	(Y)	N
111. SCENE LIGHTS, REAR			
111.1	There shall be two (2) Whelen M6LZC Series LED (clear) w/ chrome flange and with 25 deg. Optics mounted on the rear of the module just above the rear doors	(Y)	N
112. REVERSE ACTIVATED REAR SCENE LIGHTS			
112.1	The above specified rear scene lights will be wired to activate when the vehicle is placed in reverse gear in addition to operating when the rear doors are opened	(Y)	N

Proposer Initials: *ADDM*

113. SCENE LIGHTS, SIDE			
113.1	There shall be (4) total; (2) per side Whelen M9LZC Series LED (clear) w/ chrome flange. Lights shall be mounted next to the red warning lights	<input checked="" type="radio"/>	N
114. CHROME FLANGES			
114.1	All emergency and scene lighting specified is to have Chrome flanges installed to enhance the appearance of the unit	<input checked="" type="radio"/>	N
115. SIREN, ELECTRONIC			
115.1	The vehicle manufacturer shall supply and install a Whelen 295SLSA-1 siren, CA spec, 100 Watt w/mic, (hi-lo deleted), flush mounting bezel, (horn ring control). This siren shall be compliant with California Title 13 requirements	<input checked="" type="radio"/>	N
116. SIREN SPEAKER			
116.1	Cast Products 100 watt through bumper siren speakers will be installed. Speakers will be installed in a manner that will not disrupt airflow to the radiator or engine area. The speaker driver itself shall be a single unit; two piece siren speaker assemblies are not acceptable due to greater susceptibility to environmental damage	<input checked="" type="radio"/>	N
117. INSTALL MANUFACTURER SUPPLIED FEDERAL MECH. SIREN GRINDER/GROWLER			
117.1	Federal Mech. Siren grinder/growler install in the front bumper wire to (1) drivers side foot switch activated via Primary/Secondary switch. Siren brake on the front console. Exact location of siren install to be determined after evaluation of bumper and siren	<input checked="" type="radio"/>	N
118. AIR HORN SWITCH			
118.1	Air horn system to be supplied with chassis provide a single Line Master Clamshell style foot switch on drivers side in cab. Location to be determined at Pre construction conference	<input checked="" type="radio"/>	N
119. HEADLIGHT FLASHER			
119.1	The vehicle headlights shall alternately flash through the activation of the appropriate switch on the cab control console. The flasher circuit must be designed so the daytime running lights (low-beams) are cut out when the flasher circuit is engaged. This is an OEM requirement to reduce heat build-up in the light housing, which could result in severe damage	<input checked="" type="radio"/>	N
120. WARNING LIGHT FLASHER			
120.1	An ambulance flasher module shall be installed to supply momentary power (flash) for the warning lights	<input checked="" type="radio"/>	N
121. UPPER BRAKE LIGHT			
121.1	A Brake light, rear upper center, Whelen M7 Series LED (red) w/ chrome flange. shall	<input checked="" type="radio"/>	N

Proposer Initials: *ADRA*

	be installed in the center of the mod directly above the rear entry doors. It shall be wired to the chassis brakes and operate in conjunction with the brake lights		
122. MARKER LIGHTS			
122.1	Front, rear and side FMVSS marker lights shall be LED type: Front; amber lights are supplied on light bar. Side; two red lights in upper rear of module side. Rear; five red lights in upper corners and above doors module rear.	(Y)	N
123. TAIL LIGHT FLANGE			
123.1	Whelen #M6FCV4 Chrome Flange Note: This is a Four (4) light Flange includes the tail lights and 1 emergency flashing light. Install left and right rear above the tread bright	(Y)	N
124. TAIL LIGHTS			
124.1	Whelen brand back-up, turn and brake lights shall be supplied as follows: (2) Whelen M6T LED (amber) w/ arrow turn signal (2) Whelen M6BTT (red) Stop/Tail light (2) Whelen M6BUW LED (clear) back-up light	(Y)	N
125. ENTRY DOOR MARKER LIGHTS			
125.1	Install Weldon LED Red door marker lights on the upper and lower corners of each inner module entry door panel. Quantity: Six (6). Two (2) per door. Configure to come on when the door is opened	(Y)	N
126. DOOR REFLECTORS			
126.1	Red reflectors shall be installed on the inside on the patient area doors	(Y)	N
127. BODY REFLECTORS			
127.1	The module shall have amber reflectors in the lower front corners and red reflectors in the lower rear corners	(Y)	N
ELECTRICAL CONTROL CENTER			

Proposer Initials: *ADP*

128. ELECTRICAL SWITCH PANEL FRONT			
128.1	Two (2) consoles shall be installed in the cab. The lower console shall be fabricated to match the OEM dashboard material, and color. The console shall be installed at floor level to allow for siren and radio read installation in its face	(Y)	N
128.2	LOWER CAB CONSOLE: Lower console mounted between the cab seats with a forward section to accommodate the siren, two radios and the Customer supplied MDT. The switch panel, cup holders and open map storage will be located rearward. Under no circumstances shall the console interfere with the OEM vehicle controls or gauges, nor shall the control panel be installed in such a manner as to interfere with the OEM vehicle controls, gauges, or the driver's line of vision. There shall also be an emergency disconnect switch for manual, emergency shutdown. All switches shall be high cycle Röcker Switches, with Silver Contacts and Nickel Plated Brass Connection Blades. They will incorporate Color Coordinated LED illumination. Each switch will be back lit and labeled with specific function. (Including module disconnect switch). System shall also incorporate an automatic shut down timer (5 minute) activated when ignition is turned off. Switch MASTER ON Switches and legends are to be back lit	(Y)	N
128.3	SWITCHES: A. PRI- SEC- LIT RED/ AMBER LED B. HEAD LIGHT FLASER -LIT CLEAR LED C. LIGHT BAR WHITE DEFEAT. D. OPTICOM E. BLANK F. BLANK G. BACK UP ALARM-RESET TYPE-MOMENTARILY ON (NON LIT) H. LEFT SCENE WHITE LIT LED I. REAR SCENE WHITE LIT LED J. RIGHT SCENE WHITE LIT LED K. PATIENT DOME 3-WAY - LIT AMBER LED L. PATIENT A/C HEAT 3-WAY - LIT BLUE LED M. BLANK N. MOD. DISCONNECT - GREEN LIT LED O. EMERGENCY START, ON-OFF GUARDED (NON LIT) PILOT LIGHTS	(Y)	N
128.4	CENTER OEM DASH CONSOLE: A custom fabricated and painted steel panel will be located into the chassis OEM center dash console area. All functions shall be identified by etched plastic labels. All jeweled lights shall be Cole Hersee, PL 86-RC P. PILOT LIGHT - PARKING BRAKE RED LED Q. PILOT LIGHT - DOOR OPEN RED LED R. PILOT LIGHT - EMERGENCY START RED LED S. PILOT LIGHT - ALTERNATOR RED LED T. PILOT LIGHT - MASTER ON GREEN LED - AMPERAGE METER DIGITAL, TST WITH REMOTE INDUCTION SENSOR - NO SHUNT. - VOLTAGE METER DIGITAL, TST 0-18 VOLTS. - HOUR METER, TSD, ALTERNATOR ACTIVATED	(Y)	N

Proposer Initials: *AOX m*

128.5	UPPER OEM DASH CONSOLE: A custom fabricated and painted steel panel will be located into the chassis OEM overhead console area. This will accommodate the specified Traffic adviser control module	(Y)	N
128.6	WHELEN #TAM85 CONROL HEAD Note: These Consoles will be custom configured to fit the Navistar Chassis and meet the customer requirements	(Y)	N
129. REMOTE SPOT LIGHT			
129.1	Go-Light 2020 Remote control spot light. Light located cab roof center line, Control on front console	(Y)	N
130. MAP LIGHT			
130.1	Install a Federal Mini Light on right side of the front console. Wire to a cab control panel switch	(Y)	N
131. RADIO MOUNTING BEZEL			
131.1	Two (2) Radio mounting bezels will be provided and installed in the front console. These are to adapt radio port in console to specified two-way radios, Steel, Black finish. Quantity: Two (2) Maker and model of radios to be provided prior to build	(Y)	N
132. AUDIBLE CHIME			
132.1	Module Door Open Audible Chime. Wire to a module entry and compartment doors	(Y)	N
ELECTRICAL PATIENT COMPARTMENT			
133. ELECTRICAL SWITCH PANEL ATTENDANT AREA			
133.1	All switches shall be high cycle Cole Hersey, or approved equivalent Rocker Switches, with Silver Contacts and Nickel Plated Brass Connection Blades. They will incorporate Color Coordinated LED Illumination. Each switch will be back lit and labeled with specific function. Ten (10) positions: Switch, DOME 3WAY, panel mounted, Cole Hersey LED , black, lit amber. Switch, DOME HI-LO, panel mounted, Cole Hersey, black, non lit. Switch, COMPARTMENT LIGHTS, C.H. LED, lit White Switch, BLANK Switch, EXHAUST, panel mounted, Cole Hersey LED, lit amber. Switch, ELECT SUCTION, panel mounted, Cole Hersey LED, lit amber. Switch, PATIENT HEAT A/C, 3-way panel mounted Cole Hersey LED, A/C on lit blue.	(Y)	N

Proposer Initials: *ADM*

	Switch, A/C, FAN HI-LO, 3-way panel mounted, Cole Hersey, non-lit. Switch, A/C, HEAT-COOL, 3-way panel mounted, Cole Hersey, non-lit.		
134. ELECTRICAL SWITCH PANELS OTHER			
134.1	All switches shall be high cycle Cole Hersey, or approved equivalent Rocker Switches, with Silver Contacts and Nickel Plated Brass Connection Blades. They will incorporate Color Coordinated LED illumination. Each switch will be back lit and labeled with specific function. Electrical Switches/Defeat, Panel. Switch defeat, PATIENT DOME, side and rear door, Cole Hersey, non-lit. Switch defeat, RIGHT FLOOD, Cole Hersey, non-lit. Switch defeat, REAR FLOOD, Cole Hersey, non-lit	(Y)	N
135. DOME LAMPS LED			
135.1	Eight (8) Whelen nine diode, white LED dome lights shall be installed in the patient area ceiling. These will be configured for two light intensities, high and low. The lens shall be high strength Lexan. The lights shall be recessed into the headliner and shall not protrude from the ceiling more than 1/8". Each light shall not draw more than 1.5 amps at full intensity. All dome lighting shall be controlled via multi-way switching at the patient action, module doors, area and the front electrical control console	(Y)	N
136. CABINET LIGHTING			
136.1	Interior cabinet lighting, LED disc light in each interior cabinet, action wall panel lighting attendant area, and ALS cabinet to have LED strip lighting, both activated w/ switch in action area	(Y)	N
137. STEP WELL LIGHT			
137.1	A Grote LED light shall be installed in the side step well to light the step well area when the side access door is opened. The light shall be activated by a magnetic door switch installed on the door as described elsewhere within this document	(Y)	N
138. ATTENDANT LAMP			
138.1	12 Volt LED Strip Lighting mounted to bottom of upper cabinet to illuminate the action wall area	(Y)	N
139. RESTOCKING LIGHT TIMER			
139.1	TWO (2) 15 MINUTE TIMERS: A variable 0 to 15 minute, spring wound, mechanical timer switch shall provide temporary illumination of the patient cabin for check out purposes. The switch input shall be wired directly to the vehicle batteries. The switches shall be located on the curbside wall, one by the C/S access doors over the squad bench, the other inside the patient compartment on the wall by the right	(Y)	N

Proposer Initials: *ADSM*

	rear door, The timer circuit shall comply with the latest revision of KKK-A-1822. LIGHTS POWERED BY TIMER: The aforementioned timers shall power Three (3) LED dome lights over the cot		
140. ELECTRICAL OUTLET 12V DC			
140.1	The 12 volt outlet shall be wired through a 10 amp auto reset circuit breaker. All outlets, unless noted otherwise below, shall be on with the ignition timer/circuit. All 12 volt outlets shall be labeled. Adapter type shall be a cigarette lighter style. A 12 volt electrical outlet shall be installed at the attendant action area. A 12 volt electrical outlet shall be installed in the curbside bulkhead cabinet next to the 110V outlet	(Y)	N
141. ELECTRICAL OUTLET 120V AC			
141.1	Two (2) Duplex 120V, 15 amp interior electrical outlets shall be installed. Outlets shall have an Indicator light to be on when outlets are hot. One (1) at the action wall. One (1) in the upper section of the ALS cabinet	(Y)	N
142. SHORE POWER			
142.1	The vehicle shall be equipped with a 120V NEWMAR 20 AMP Kwik Eject shore power Inlet. Note: Wire to the specified Newmar charger in the inverter cabinet. Cover Color: RED Locate Mount shoreline plug on the streetside of the module above the intermediate compartment	(Y)	N
143. BATTERY CHARGER			
143.1	Newmar 20 amp Charger, W/ Charge monitor. Charge Monitor shall be located above exterior shore inlet. Charger shall be located in the designated lower streetside interior cabinet.	(Y)	N
144. BLOCK HEATER WIRING			
144.1	Block heater wiring, from Block Heater to Shore Power, switch on partition behind driver seat base	(Y)	N
145. PATIENT AREA CLOCK			

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145.1	Clock, Emergency Time Manager, mounted in action wall panel, chimes. Locate: Center over the rear doors	Y	N
146. PATIENT AREA AM/FM SPEAKERS			
146.1	AM-FM Speakers (2) above rear access doors in patient compartment	Y	N
147. AIR RIDE CONTROL SYSTEM			
147.1	All switches shall be Cole Hersey, LED Euro style and color coordinated with their specific functions. Santex, back lit. In addition to the OEM factory switch on the front console provide a defeat switch on the inner door panel of the right rear door	Y	N
147.2	Air Ride Dump System to function as follows: To dump automatically when Left rear door is open, and fill when it closes. This defeat switch will not interfere with the OEM switch	Y	N
ELECTRICAL AND MECHANICAL – STANDARD			
148. ELECTRICAL SYSTEM			
148.1	ELECTRICAL SYSTEM 12 Volt – General	Y	N
148.2	MODULE GROUNDING: A minimum of (2) two braided ground straps shall be through bolted to the chassis frame and the floor structure of the modular body. The bolts shall be at least 3/8 diameter. A flat washer shall be provided under the head of the bolt, over the strap lug. Additionally an internal tooth lock washer shall preclude loosening. Conventional stranded copper cables are not acceptable because they do not suppress RFI and does not meet SAE J551	Y	N
148.3	GENERAL GROUNDS: To comply with current Federal specification KKK-A-1822 plus enhance ground quality and reduce trouble shooting time, all devices wired within the ambulance conversion shall be centrally grounded. Each device shall have a separate ground wire routed to a central buss bar then grounded via fine strand cable to the module body. Local grounds are acceptable only when the device is drawing at or less than 100 milliamps (0.1 amps)	Y	N
148.4	12 VOLT WIRE: All wires within the ambulance harnesses shall meet current Federal specification KKK-A-1822. All wiring shall be SXL type wire. Although GXL type wire is Ford QVM approved it does not have as high a rating as SXL and so therefore is not acceptable. Wire gauge used shall be 150 percent of circuit requirement. All crimps on 12 gauge or smaller thickness wire shall be done utilizing a hydraulic crimper. Manual crimping is not acceptable because it is more susceptible to long term failure. The wire shall be color coded, number coded and function printed every six inches. Every circuit shall be protected with an automatic resetting circuit breaker. Wire conductors shall be stranded copper	Y	N
148.5	WIRE PROTECTION: All wire within the conversion shall be protected and run in split convoluted loom with a melting temperature of 300 degrees, Fahrenheit. All wire	Y	N

Proposer Initials: *ADN*

	harnesses shall be clamped and routed to eliminate possibility of damage due to cut/chaffed wire. Grommets made of rubber or plastic shall be used where harnesses pass through metal or wood. Large holes and irregular shaped wire passages shall use automotive edge trim to protect the wire conduit/loom. Wire harnesses shall be neatly clamped into protective routing areas away from heat sources, unfriendly edges or moving devices		
148.6	SPLICE-LESS WIRING: Each converter-added circuit shall be powered through an individual wire that is free of any splices within the wire harness. For ease of troubleshooting and for greater reliability, one end of the wire shall plug directly into the output module and the other end shall connect to the device or the pigtail of the device being powered. The use of daisy-chain wiring will not be acceptable	(Y)	N
149. CIRCUIT BOARD			
149.1	RMR Rail System, W/ LED Diagnostics	(Y)	N
149.2	CIRCUIT BOARD: The single relay control board is a fully integrated relay control board designed and built to IPC Class 3* guidelines. The VF4 style socketed relay is rated at 20A at 24 VDC with built-in on-board diode suppression. Three status indicators for Blown Fuse, Coil Power and Load allow for intuitive operation and troubleshooting. Also included is a medium sized ATO blade style fuse / circuit breaker holder that is rated for 20A. Wiring connections are made via a WAGO Cage Clamp removable lockable connector, which provides a secure, vibration proof and corrosion resistant wire termination. Installation time is reduced by as much as 75%. All of these features are mounted in a 2"x2" DIN Rail mountable package. Clearly, the Single Relay Control Board is a best-in-class solution for Emergency Vehicle relay applications	(Y)	N
150. GROUND STRAPS, MODULE TO FRAME			
150.1	Four (4) 7/8" wide by 1/8" thick, fine strand, woven straps shall provide a ground path from the module body to the chassis frame. Woven straps filter out RFI noise originating from alternators, strobe power supplies and other devices, that may find their way into intercom, stereo and two way communication radios. Each end of the ground straps shall be through bolted with 3/8" diameter, grade 5 or 8, hex head bolts and lock nuts. Each connection site shall be cleaned to the bare metal prior to fastening the strap. The connections shall have a dielectric anti corrosion spray applied	(Y)	N
151. EMERGENCY START SYSTEM			
151.1	The four (4) battery system, as noted in the "Chassis" section of these specifications shall include four batteries on a roll out tray on the cab under the driver's door. The two (2) chassis batteries shall be primary and utilized for starting the vehicle and running the patient module. There shall be two additional secondary batteries to be continuously charged but isolated from the primary batteries. In the event the primary batteries are depleted there shall be an emergency start circuit that upon activation ties the secondary batteries to the primary batteries. Each system shall be able to be monitored by a common voltmeter. If the system for emergency	(Y)	N

Proposer Initials: *ADBM*

	purposes is tied together a jeweled, red, one-inch (1") light shall be activated. This light shall remain activated until it is reset by a method that is separate and not obvious to the driver. The intent of this system is to always have backup battery power for emergency starting and to force a system review when an "Emergency Start" event occurs		
152. AUTO THROTTLE			
152.1	A NAVISTAR high idle device shall be supplied to control the high idle system	Y	N
153. SHUT-DOWN TIMER			
153.1	The chassis electrical system shall incorporate an automatic shut down timer (5 minute) activated when ignition is turned off. The timer shall also be adjustable to 10 or 20 minute time segments	Y	N
154. ELECTRIC DOOR LOCKS			
154.1	Power activated door locks shall be installed on Patient area Access Doors. Locks shall be activated by cab door lock switch. Locks may be overridden by a manual slide lever or by the door key	Y	N
155. ELECTRIC COMPARTMENT LOCKS			
155.1	Power activated door locks shall be installed on all Exterior Compartment Access Doors. Locks shall be activated by cab door lock switch. Locks may be overridden by the door key. NOTE: The lower curbside forward battery compartment will not require a power lock	Y	N
156. ELECTRIC DOOR LOCKS WIRED TOGETHER			
156.1	Cab, and module doors are to be wired into the same circuit so that the NAVISTAR remote controls all locks	Y	N
157. ELECTRIC DOOR LOCKS REMOTE SWITCH			
157.1	Remote door lock release, upper portion of the rear license plate housing, controls all locks	Y	N
158. COMPARTMENT LIGHTING			
158.1	LED strip lighting on all exterior compartments. (2) per compartment. Locate: Inside compartment door frames. Run full height on both sides	Y	N
159. 12 VOLT POWER			
159.1	12 Volt wiring, pair. Positive - Negative, Hot to Battery, w / 3 feet of coiled wire at termination point. Note: Quantity: 3	Y	N

Proposer Initials: 

	<p>Locate: (1) one set behind the driver's seat.</p> <p>Locate: (1) one set behind the passenger seat.</p> <p>Locate: (1) one set in the streetside rear compartment.</p>		
160. RADIO POWER			
160.1	<p>Two way radio power, Positive - Negative - Ignition, with terminal strip.</p> <p>Quantity: Three (3) Sets</p> <p>Set #1</p> <p>Locate: Terminate inside the streetside bulkhead cabinet behind the attendants seat.</p> <p>Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead</p> <p>Set #2</p> <p>Locate: Terminate cab bulkhead wall behind the driver's seat.</p> <p>Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead</p> <p>Set #3</p> <p>Locate: Terminate inside the front console.</p> <p>Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead</p> <p>Locate: Terminate behind the rear attendant panel.</p> <p>Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead</p>	(Y)	N
161. ANTENNA WIRING			
161.1	<p>(4) Antenna wiring (2) RG58A/U coax cables shall be installed. A removable access plate in the patient area ceiling shall be provided for access to the exterior termination point located on the module body roof. Under no circumstances shall the vehicle design necessitate disassembly of the interior finish work to access the coax termination points.</p> <p>#1 originates Module Roof centerline and terminates in the cab center console, w/ 3' coil.</p> <p>#2 originates Module Roof centerline and terminates in the center console, w/ 3' coil.</p> <p>#3 originates Module Roof centerline and terminates behind the driver's seat, w/ 3' of coil</p> <p>#4 originates Module Roof centerline and terminates terminate behind the passenger seat w/ 3' of coil</p>	(Y)	N

Proposer Initials: *SOBm*

162. INSTALL CUSTOMER SUPPLIED RADIO CABLES			
162.1	<p>Install customer supplied radio cables from cab bulkhead area to two (2) radio heads in front console and one (1) radio head in rear attendant area.</p> <p>Install MDT cabling and GPS antenna leads to supplied docking station.</p> <p>The exact lay out and wiring is to be provided by the customer at the pre-construction meeting</p>	(Y)	N
163. DAVID CLARK INTERCOM RADIO INTERFACE			
163.1	<p>Furnish and install a David Clark system per Newport Beach Specification PKG</p> <p>There will be (2) push-to-talk (PTT) buttons, one on each side of console face.</p> <p>A David Clark 3800 series communication system One (1), Master Station box #U3800 to be located overhead, aft, between the driver and the passenger.</p> <p>Box shall accept two (2) head set plugs with master and individual volumes. One (1) hanger for each of the two (2) headsets shall be mounted adjacent to the box.</p> <p>One (1), Remote Headset Station box #U3801 to be located on the forward wall of the action area.</p> <p>Box shall accept one (1) head set plug with individual volume. One (1) hanger for the headset shall be mounted adjacent to the box.</p> <p>One (1), Dual Radio Interface Module box #U3812 shall be located next to the radios.</p> <p>This will allow communication from the head set microphone into either the UHF or the VHF radio.</p> <p>Three (3), Headsets #H3442 .</p> <p>Note: All boxes shall be as recessed as possible without the splitting of the components.</p> <p>CABLES NEEDED FOR CURRENT CONFIGURATION</p> <p>1 x C3820 Power Cord - 20 ft.</p> <p>2 x C3821 Radio Interface Cord - 21 ft.</p> <p>1 x C38-35 Jumper Cord - 35 ft.</p> <p>1 x C38-25 Jumper Cord - 25 ft.</p> <p>CUSTOMER SUPPLIED</p> <p>The customer will need to supply and install the custom interface cables to the radios after delivery.</p>	(Y)	N

Proposer Initials: *[Signature]*

164. AIR CONDITIONING			
164.1	The chassis manufacturer's largest capacity heat/AC system shall be supplied	<input type="radio"/>	N
164.2	A 12V heat/AC system shall be installed. The BTU and CFM ratings on this unit shall be as follows: Heat: 42,600 BTU A/C: 36,000 BTU CFM: 620	<input checked="" type="radio"/>	N
164.3	The drain pan shall be formed from 1/8" ABS plastic sheet and shall be listed (tilted) toward the drain fitting. The Evaporator unit shall be mounted so that the weight of the coil, case and blower assembly does not rest on the pan. Additionally the entire evaporator shall be tilted toward the condensation drain fitting to enhance water flow to the drain hose. The drain hose shall be 1/2" I.D., collapse resistant and fiber reinforced poly-tubing	<input checked="" type="radio"/>	N
164.4	Included shall be a central air type system that routes the conditioned air to a minimum of six (6) adjustable vents. One of the vents shall be located directly over the CPR seat. Vents should be capable of being closed off entirely and rotate 360 degrees. When all vents are open the air output at each vent shall be the same plus or minus 10 percent. The minimum output shall be 133 CFM at each vent or a minimum air speed of 27 knots. In addition the unit shall be located as close to the ductwork as possible to minimize resistance. Manufacturer shall provide an access door for easy service and repair of unit. Shall also supply an air intake vent for true air re-circulation	<input checked="" type="radio"/>	N
165. AIR CONDITIONING SECONDARY CONDENSOR			
165.1	A secondary condenser, dual fan will be provided and integrated into the rear AC system. The condenser will be located under body in a protected position	<input checked="" type="radio"/>	N
166. AIR CONDITIONING HOSE			
166.1	Air conditioning hose shall be low loss barrier type specifically rated for R134A type refrigerant	<input checked="" type="radio"/>	N
167. HEATER HOSE			
167.1	The heater hoses shall route from the D.E.M. tie in point to the rear heater core. Hose shall be 5/8 inch ID silicon type. This is the identical hose used by the chassis manufacturer. Hoses made from other materials shall not be used because they do not meet Ford Qualified Vehicle Modifiers Program (Q.V.M.)	<input checked="" type="radio"/>	N
168. POWER EXHAUST VENT			
168.1	Exhaust vent, left rear streetside wall, Cast Products exterior cover, interior louver round. Attwood Turbo 3,000 inline blower, 145 CFM blower to be located streetside rear	<input checked="" type="radio"/>	N

Proposer Initials: *ADDM*

	wall, A service access panel will be provided inside the upper rear cabinet. (1) on/off switch to be located in the action area switch panel		
SUCTION/OXYGEN SYSTEM			
169. OXYGEN SUCTION SYSTEM TYPE			
169.1	The oxygen and suction outlets installed in the vehicle shall be Ohio Medical Quick Connect style outlets	(Y)	N
170. ASPIRATOR			
170.1	The manufacturer shall furnish and install an SSCOR on-board suction system. The system shall include a pump, a vented wall-mounted regulator, and a canister holder that accepts most hospital grade canisters. The aspirator shall be accessible for use from the inhalation area per the attached prints	(Y)	N
171. VACUUM PUMP			
171.1	The pump shall be a oil-less diaphragm pump. The reason for this is to eliminate the need for maintenance. The pump shall be housed in the vehicle in an area to reduce noise. It shall have clinical airflow in excess of 30 LPM (liters per minute)	(Y)	N
172. OXYGEN SYSTEM			
172.1	Reliability, safety, and ease of operation are essential characteristics of the onboard oxygen system. System design must meet the following minimum guidelines. The regulator (when specified) shall include an integral dial type gauge to monitor the cylinder contents. The line shall be UL approved. There shall be NO connections installed in the line between the regulator and manifold assembly as these create a possibility for leakage. All connections shall be DISS style and shall be specific to the gas being supplied. The completed system shall be tested once it is installed in the vehicle. This test shall be performed at working pressure for a minimum of four (4) hours. After the system has passed the inspection process it shall be capped and tagged per Federal KKK	(Y)	N
172.2	OXYGEN OUTLETS - GENERAL: Each outlet shall be comprised of an "Inlet Box" and a "Latch Plate" as defined herein. The "inlet box" shall be a universal inlet service box with a 165 mm type "K" (3/8") OD Copper inlet pipe stub which is silver brazed to a brass, one piece, (1 5/16") inlet body. The "inlet box" shall be designed specifically for positive pressure gas service and feature a primary and secondary check valve. Each check valve shall be rated at 1,379 kPa (200psi)	(Y)	N
172.3	The "Latch Plate" shall insert into the universal "Inlet Box". The "Latch Plate" is comprised of the outer cover plate and latching mechanism that will define the adapter type/Brand that will ultimately connect the patient to the oxygen system. The outlet cover shall be color coded GREEN in addition to having a clear permanent legend that identifies the gas type. Dual gas specific safety pins shall be integrated in the face of the outlet "Latch Plate" for safety	(Y)	N
172.4	Outlet adapter types shall be easily changed by simply removing the "Latch plate" specifically designed for brand "A" to brand "B" without any further plumbing changes	(Y)	N

Proposer Initials: *ADP*

172.5	As with all medical gas outlets specified herein, all outlets shall be hydrostatically tested and cleaned for oxygen service. All medical gas outlets specified herein shall be UL (Underwriters Laboratory) listed and CSA approved. All outlets will be subject to a line pressure of 50 P.S.I. And shall be leak tested at 150 P.S.I. Per Federal specification KKK-A-1822. Pressure drop across the outlet shall be less than 2.0 P.S.I., at normal working pressure.	(Y)	N
173. ELECTRIC O2 CONTROL WITH DIGITAL MONITOR			
173.1	Electric switched oxygen with digital read and low pressure warning. Locate on the main attendant panel. A manual emergency by-pass is to be located on the attend area wall below the attend panel. Switch to be located in attendant control panel. System is to include a main cylinder regulator	(Y)	N
174. OXYGEN OUTLETS			
174.1	Amico Ohio style quick release, Three (3) outlets: Two (2) outlets in ceiling above head end of cot. One (1) outlet on wall above squad bench @ head end	(Y)	N
175. OXYGEN BOTTLE MOUNT			
175.1	Install Zico QR-MV Standard O2 Mount or comparable.	(Y)	N
176. OXYGEN WRENCH			
176.1	A wrench designed to fit the main oxygen bottle will be provided. Locate: Cable to wall by large bottle	(Y)	N
HARDWARE			
177. SEAT BELTS			
177.1	Seat belts shall be installed in the squad bench area for the seated position, and for backboard retention for a secondary patient. These belts shall meet all applicable testing requirements as set forth in the latest federal 'K' specs. One seat belt set shall be provided for the primary bench attendant at the head end seating position. One seat belt set shall be provided for the second bench attendant at the foot end seating position. One (1) Three point seat belt set shall be provided for attendant seat.	(Y)	N

Proposer Initials: *ADP*

	One (1) seat belt set shall be provided for the CPR seat		
178. I.V. HOLDER			
178.1	IV holders, Two (2) positions, Cast products Polished Aluminum, flush mount Locate: Refer to the provided prints	(Y)	N
179. ANTI-MICROBIAL COATED PULL HANDLES			
179.1	CURB SIDE ENTRY DOOR GRAB HANDLES: An angled door handle shall be installed on the interior door panel of the curbside entry door. The handle shall be one-piece and shall be constructed of Stainless Steel. The handle shall feature smooth radius corners and flange mounts at each attachment point: Because contamination occurs most often as a result of contact, this feature must be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating shall be effective against a broad range of microbes including bacteria, molds, algae and fungi	(Y)	N
179.2	REAR ENTRY DOOR GRAB HANDLES: Angled door handles shall be installed on the interior door panels of each rear access door. The handles shall be one-piece and shall be constructed of Stainless Steel. The handles shall feature smooth radius corners and flange mounts at each attachment point. Because contamination occurs most often as a result of contact, this feature must be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating shall be effective against a broad range of microbes including bacteria, molds, algae and fungi	(Y)	N
180. ANTI-MICROBIAL COATED CEILING GRAB PULL			
180.1	A grab rail shall be installed in the ceiling as noted below. This rail is to be constructed of stainless steel. Integral stanchions shall be welded into place at fixed points along the length of the rail for attachment to the ceiling. The rail shall attach through aluminum mounting plates that are welded to the module roof structure for strength and durability. Because contamination occurs most often as a result of contact, this feature must be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating shall be effective against a broad range of microbes including bacteria, molds, algae and fungi. Size: 72" Locate: Above the right edge of the cot	(Y)	N
181. BENCH RESTRAINT			
181.1	RESTRAINT NET: A detachable net shall be installed at the head of the squad bench. The net shall be a grid of 1 1/2" wide safety web, spaced on maximum centers of 8	(Y)	N

Proposer Initials: *ADP*

	Inches		
181.2	<p>All Restraint Net attachment devices shall be aviation quality and pull strength tested. A 2,000 pound force applied in shear (Horizontally). Detachment of the net shall be done without the need for a removal or installation, tool(s). Each device shall feature a cadmium plated steel attachment ring that is forged in one continuous ring, without a split or seam. Each device shall be sewn onto the net webbing with a 1 3/4 inch square shaped thread path and diagonal X-shaped thread path to assure web to ring security.</p> <p>Four attachment points:</p> <p style="padding-left: 40px;">Two (2) at the floor at head of squad bench.</p> <p style="padding-left: 40px;">Two (2) at the ceiling at head of squad bench</p>	Y	N
182. SHARPS POCKET			
182.1	<p>Provide and install a, (1), recessed pocket style sharps pocket for a Sage #R1002 sharps container, bright stainless steel.</p> <p>LOCATE: Attendant area back wall</p>	Y	N
183. CAST PRODUCTS LICENSE PLATE BRACKET			
183.1	<p>Cast products License plate holder with light, rear # CP 30002.</p> <p>Locate: One (1) on LEFT side above the Tread bright area.</p> <p>Note: Install the specified hidden power lock switch in the top of the fixture in lieu of one of the lights</p>	Y	N
184. MDT MOUNT			
184.1	<p>Provide and install in the front console, One (1) Gamber Johnson Panasonic 19, #7160-0264-00 MK4 Docking Station (NO/RF)</p>	Y	N
PATIENT-HANDLING EQUIPMENT			
185. COT FASTENER			
185.1	<p>PRIMARY COT MOUNT: The main cot mount shall be a single position, <u>Stryker model No 6370</u>. The mounts shall be set as specified below:</p>	Y	N
185.2	<p>COT FASTENER MOUNTING METHOD: All mounting bolts shall be 3/8" diameter, socket head cap screws with at least 16 threads per inch. All mounting blocks shall be supplied and manufactured by the cot mount manufacturer. The mounting blocks may protrude above the flooring surface by up to 3/16", as long as all of the edges are chamfered. The cap screws shall not protrude above the upper surface of the mounting block</p>	Y	N
185.3	<p>All cap screws shall be through bolted through 1/2 (.500) inch thick, 6061-T-6 Aluminum plate structure. All cot plate structure shall be continuously welded to the floor structure members. Bolt tapping is acceptable ONLY over blind areas,</p>	Y	N

Proposer Initials: *ADK*

	where through bolting would require removal of the rear fuel tank AND access has been blocked off by permanent, critical structure or components. Plate tapping shall not be done unless the plate is at least one (1") inch thick. Mounting bolts shall not point toward fuel filler or fuel vent hoses, in accordance with good engineering practices set forth by the Society of Automotive Engineers and Ford's Qualified Vehicle Modifiers' program		
185.4	Bidders shall meet or exceed mechanical strength described in the minimum fastening method. Material thickness and/or through bolt criteria is mandatory even if the vendor has current certification to A.M.D. Standard 004 utilizing lesser materials	(Y)	N
185.5	COT POSITION No 1: This cot position shall be set up for a Stryker POWER PRO 6500 cot. Set approximately 8" out from the left side wall cabinet. The longitudinal location shall be set 30 inches measured from the backrest of the attendant's seat (set all the way toward the front of the patient cabin) to the head of the primary cot frame, per current KKK-A-1822	(Y)	N
186. COT SAFETY HOOK			
186.1	Install a Stryker Yellow safety hook w / 2" reflective tape on rear door sill. Set up for a Stryker POWER PRO 6500	(Y)	N
PAINT, BODY AND GRAPHICS			
187. PAINT AND STRIPING			
187.1	An acrylic urethane paint process is required on the module body. This process shall extend to the chassis if the vehicle converter must perform paint or body work to the chassis. The acrylic urethane process is required so that the highest possible gloss will be provided. Acrylic urethane possesses superior color and luster retention characteristics when compared to other types of paint. In addition, an acrylic urethane process provides a higher resistance to chemical sprays, salt sprays, humidity, and temperature changes. Lastly, this process, given the expected life of the vehicle and its heavy-duty cycle, will best resist chipping. The final paint application shall be free of material application imperfections such as orange peel, streaking, or a dull finish. The final application shall provide a high gloss on all body surfaces including the roof and excluding the underside	(Y)	N
188. PREPARATION			
188.1	100% PAINT FILM COVERAGE: All stages of primer and paint shall cover all surfaces. Hinge mating surfaces on the doors and jambs shall be painted. Bare aluminum and primer only preparation is not acceptable under door hinges. Doors shall be painted without actuation handles installed and doors removed from body. Paint film thickness to be no less than 4.1 mil thickness	(Y)	N
188.2	PAINT SYSTEM TYPE: The paint shall be Poly-Urethane type	(Y)	N
188.3	MECHANICAL ADHESION PROMOTER: The entire module shall be degreased. Degreaser shall be applied to manufacturers' recommendations. Body to be inspected for flaws and imperfections and to assure built to order specifications. All	(Y)	N

Preparer Initials: *ABM*

	surfaces shall be sanded with 350 grit paper and all imperfections repaired		
188.4	CHEMICAL ADHESION PROMOTER: The module shall be hot-water washed at (140 degrees or greater). Then the aluminum Body shall be treated with Alumiprep 33 acid etching followed by a complete body rinse. To ensure all surfaces are cleaned, this step shall be repeated a second time. The entire unit shall be wet coated with Alodine 5700 conversion coating and de-ionized water mixed	(Y)	N
188.5	PRIMER: Apply 3 coats of BTLV HI Solids Polyurethane. The unit is then baked at 140 degree metal temperature for one hour. Assure minimum at 3 mil thickness. Primer shall be sanded with 360 grit paper to assure flat, orange peel free surface	(Y)	N
188.6	TOP COAT (PAINT): Entire module shall be degreased. Degreaser shall be applied to manufactures recommendations. Two coats of BTLV High Solids color shall be applied	(Y)	N
188.7	CLEAR COAT: The clear coat shall be manufactured by the same company as the primer and base coat. Three coats of "clear coat polyurethane shall be applied per the manufacturer's instructions	(Y)	N
188.8	3M POLISHING SYSTEM: Prior to 100% paint cure, the paint on the ambulance body shall be sanded to 1200 grit and polished flat per 3Ms Perfect-It product program for smooth finish	(Y)	N
188.9	PAINT WARRANTY: The conversion paint shall be warranted to the original owner for a period of 4 years, 48,000 miles. The color shift shall be no greater than Delta E of 4.0 with a minimum gloss retention of 60 gloss units at twenty-degree angle. Warranty to include a 36 month Corrosion coverage with no exclusions	(Y)	N
189. CORROSION			
189.1	EXTERIOR FASTENERS: All screw sites require a replaceable nylon insert for the fastener to thread into. This will isolate the dissimilar metals. Additionally each hole shall be treated with an Electrolysis Corrosion Control compound prior to installation of the nylon inserts. All exterior screws shall be stainless steel	(Y)	N
190. PAINT CONFIGURATION			
190.1	Custom paint (subject to change at before final build) NOTE: The Cab is to be repainted. Terrastar OEM paint is not deemed as an acceptable finish. WHITE UPPER HALF from 2" below windows, Hood to red with the exception of the raised hood scoop section to be white. RED LOWER HALF. Refer to provided prints Module to be painted RED	(Y)	N

Proposer Initials: *SDM*

	<p>Paint color to be selected from manufacturers paint color book,</p> <p>Decision to be made at pre-construction conference.</p> <p>Color Code: RED (107)</p> <p>Color Code: WHITE (267)</p>		
191. REFLECTIVE BELTLINE STRIPE			
191.1	<p>White Reflective Stripe, Seven (7) year warranty</p> <p>Single 6" beltline, Mid Body, upward jog on the forward portion of the module.</p> <p>The stripe shall include 5/16 inch Black reflective pinstripe on edges.</p> <p>Refer to prints</p>	(Y)	N
192. REAR CHEVRON REFLECTIVE STRIP			
192.1	<p>There shall be a rear Chevron reflective stripe set on the flat rear surfaces.</p> <p>The stripes shall be NFPA 1091 compliance.</p> <p>The Chevron stripes shall be 6.00 wide and be in an upside down "V" pattern. The colors shall be Red and Yellow per NFPA 1901 requirements</p>	(Y)	N
192.2	The stripe shall include 5/16 inch Black reflective pinstripe on edges.	(Y)	N
193. MODULE ENTRY DOOR REFLECTIVE STRIPE			
193.1	<p>Install 3" wide Red and White, High Index candy cane stripe.</p> <p>Locate: Stripes along lower edge of inside door panels</p>	(Y)	N
194. EMBLEMS			
194.1	All emblems shall be of durable weather resistant material	(Y)	N
GRAPHICS			
195. CUSTOM LETTERING (Option)			
195.1	<p>The City may elect to complete lettering and decals internally. However, City may opt to have lettering done via the successful Vendor. Accordingly, prospective Proposers shall quote for the following as an option:</p> <p>Laminated Gold Leaf, 1" Engine turn, 1/8" White borders, Black shadow left.</p> <p>Module Sides: "NEWPORT BEACH" (Straight) 5.5 inches</p> <p>"FIRE DEPARTMENT" (Straight) 5.5 inches</p>	(Y)	N

Proposer Initials: *ADAM*

	<p>Other lettering: "PARAMEDICS" (Straight) 4 inch</p> <p>Red Reflective Scotchlite</p> <p>Unit Numbers: NPB M63 (Straight) 5.5 Inch</p> <p>White Reflective Scotchlite</p> <p>Module Rear: "NEWPORT BEACH" 4 inch .below the windows</p> <p>"FIRE DEPARTMENT" 4 inch lower portion of doors</p> <p>Unit Numbers: NPB M63 (Straight) 5.5 inch</p> <p>White Reflective Scotchlite</p> <p>Refer to prints</p>		
195.2	<p>Gold leaf paint break stripe with black pinstripe top and bottom.</p> <p>White pinstripe below the lower black pinstripe on chassis cab.</p>	Y	N
196. INTERIOR/EXTERIOR LAYOUT DRAWINGS			
196.1	<p>Proposer shall refer to Appendix A for a complete set of interior/exterior layout drawings</p>	Y	N

Proposer Initials: *ADW*

EXHIBIT C

1. INSURANCE REQUIREMENTS – VENDORS

1.1 Provision of Insurance. Without limiting Vendor's indemnification of City, and prior to commencement of Work, Vendor shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to City. Contractor agrees to provide insurance in accordance with requirements set forth here. If Contractor uses existing coverage to comply and that coverage does not meet these requirements, Contractor agrees to amend, supplement or endorse the existing coverage.

1.2 Acceptable Insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the City's Risk Manager.

1.3 Coverage Requirements.

1.3.1 Workers' Compensation Insurance. Vendor shall maintain Workers' Compensation Insurance, statutory limits, and Employer's Liability Insurance with limits of at least one million dollars (\$1,000,000) each accident for bodily injury by accident and each employee for bodily injury by disease in accordance with the laws of the State of California, Section 3700 of the Labor Code.

1.3.1.1 Vendor shall submit to City, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of City, its officers, agents, employees and volunteers.

1.3.2 General Liability Insurance. Vendor shall maintain commercial general liability insurance, and if necessary umbrella liability insurance, with coverage at least as broad as provided by Insurance Services Office form CG 00 01, in an amount not less than one million dollars (\$1,000,000) per occurrence, two million dollars (\$2,000,000) general aggregate. The policy shall cover liability arising from premises, operations, products-completed operations, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract) with no endorsement or modification limiting the scope of coverage for liability assumed under a contract.

1.3.3 Automobile Liability Insurance. Vendor shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Vendor arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an

amount not less than one million dollars (\$1,000,000) combined single limit each accident.

1.4 Other Insurance Requirements. The policies are to contain, or be endorsed to contain, the following provisions:

1.4.1 Waiver of Subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against City, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Vendor or others providing insurance evidence in compliance with these requirements to waive their right of recovery prior to a loss. Vendor hereby waives its own right of recovery against City, and shall require similar written express waivers from each of its subcontractors.

1.4.2 Additional Insured Status. All liability policies including general liability, excess liability, pollution liability, and automobile liability, but not including professional liability, shall provide or be endorsed to provide that City and its officers, officials, employees, and agents shall be included as insureds under such policies.

1.4.3 Primary and Non Contributory. All liability coverage shall apply on a primary basis and shall not require contribution from any insurance or self-insurance maintained by City.

1.4.4 Notice of Cancellation. All policies shall provide City with thirty (30) days notice of cancellation (except for nonpayment for which ten (10) days notice is required) or nonrenewal of coverage for each required coverage.

1.5 Additional Agreements Between the Parties. The parties hereby agree to the following:

1.5.1 Evidence of Insurance. Vendor shall provide certificates of insurance to City as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation and other endorsements as specified herein for each coverage. Insurance certificates and endorsement must be approved by City's Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with City at all times during the term of this contract. City reserves the right to require complete, certified copies of all required insurance policies, at any time.

1.5.2 City's Right to Revise Requirements. The City reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Vendor sixty (60) days advance written notice of such change. If such change results in substantial additional cost to the Vendor, the City and Vendor may renegotiate Contractor's compensation.

1.5.3 Enforcement of Contract Provisions. Vendor acknowledges and agrees that any actual or alleged failure on the part of the City to inform Vendor of non-compliance with any requirement imposes no additional obligations on the City nor does it waive any rights hereunder.

1.5.4 Requirements not Limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type.

1.5.5 Self-insured Retentions. Any self-insured retentions must be declared to and approved by City. City reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these requirements unless approved by City.

1.5.6 City Remedies for Non Compliance If Vendor or any subVendor fails to provide and maintain insurance as required herein, then City shall have the right but not the obligation, to purchase such insurance, to terminate this agreement, or to suspend Vendor's right to proceed until proper evidence of insurance is provided. Any amounts paid by City shall, at City's sole option, be deducted from amounts payable to Vendor or reimbursed by Vendor upon demand.

1.5.7 Timely Notice of Claims. Vendor shall give City prompt and timely notice of claims made or suits instituted that arise out of or result from Vendor's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

1.5.8 Vendor's Insurance. Vendor shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the Work.



CITY OF NEWPORT BEACH

FINANCE DEPARTMENT PURCHASING DIVISION

January 15, 2013

Re: City of Newport Beach Request for Proposal (RFP) No. 13-14

Dear Proposers:

Thank you for your participation in the City's RFP No. 13-14 for Emergency Ambulance Vehicles. The evaluation panel for this RFP convened to evaluate all proposals submitted to the City. As opposed to a standard Bid, the City evaluated the proposals using a multitude of factors aside from, but including, pricing. The factors utilized to evaluate the proposals are as follows:

- Operational Experience of the Proposing Firm;
- Qualifications of the Proposing Firm;
- Proposer's Demonstrated Understanding of the Project and Methodology;
- The Overall Responsiveness of the Proposal; and
- Proposed Project Costs.

The evaluation process for this project entailed a two-step process. In the first step, each of the aforementioned technical factors was assigned a weight and all proposals were scored against those established criteria. In the second step, a ratio of costs analysis was performed, comparing the cost proposals of each firm.

FINAL RANK OF PROPOSERS AFTER PROPOSAL EVALUATION

Rank	Proposer	Technical Score (out of 90)	Cost Ratio Score (out of 21)	Total Score (out of 300)
1	Leader Industries, Inc.	86.38	202.19	288.57
2	Braun Northwest, Inc.	54.05	210.00	264.05

Following this process, the evaluation panel ranked **Leader Industries, Inc.** as the highest-rated Proposer. As such, any subsequent negotiations and contracting procedures will be carried out between the City and Leader Industries, Inc. exclusively. Copies of all proposals are now available for review, upon request.

I would like to thank you for all the time you contributed during this RFP process. If your firm was not selected during this RFP process I kindly ask that you ensure that your firm is registered on the City's Online Vendor Database. This will enable the City to contact your firm in the event there are future Bids or RFPs of a similar nature. The website for this database is as follows:

<https://www5.newportbeachca.gov/osupplier/>

With Regards,

Anthony Nguyen
Purchasing Agent, City of Newport Beach
P: 949-644-3080 F: 949-642-7072
anguyen@newportbeachca.gov



10941 Weaver Avenue
 South El Monte, CA 91733

Steve De La Montanya, Sales Representative
 Mobile: (707) 529-7522
 Fax: (707) 546-1070

QUOTATION

10-Jan-2013

City of Newport Beach
 3300 Newport Blvd
 Newport Beach, California, 92658.

QUANTITY	TERMS COD	FOB FOB: Newport Beach, CA	SHIP VIA Ground	Pricing	
				EACH	EXTENDED AMOUNT
3		2013 Navistar Terrastar/2013 Leader S172 Custom Ambulance.		\$ 205,298.75	\$ 615,896.25
3		Multi Unit Discount: Two or more vehicles build consecutively		\$ (3,000.00)	\$ (9,000.00)
3		Leader CA customer Discount:		\$ (4,000.00)	\$ (12,000.00)
				\$ -	\$ -
3		Pre-Construction Conference Travel Costs: Leader South El Monte		\$ -	\$ -
3		Mid-Construction Conference Travel Costs:		\$ -	\$ -
3		Final Inspection Conference Travel Costs:		\$ -	\$ -
3		CA Tire Fee \$1.75 (Per Tire)		\$ 12.25	\$ 36.75
		Sub-Total		\$ 198,311.00	\$ 594,933.00
3		Sales Tax @ 8.00% (Orange Co)		\$ 15,864.88	\$ 47,594.64
3		Estimated DMV Fees N/A Exempt.		\$ -	\$ -
				\$ -	\$ -
		TOTAL QUOTED AMOUNT		\$ 214,175.88	\$ 642,527.64

Estimated Delivery: 180 Days from receipt of chassis.

Customer Approval:

Payment: (Please check one)

 Signature

- Leasing
- Company Check
- Wire Transfer

 Date

Purchaser agrees to defend, indemnify and hold Halcore Group Inc., dba Leader Industries, harmless from any claims, costs (including actual attorney's fees), damages and liabilities caused in whole or in part by any alteration or modification of, or change

TERMS: All Vehicle Sales Are C.O.D. Titles to be Processed Upon Receipt of Payment in Full.

THANK YOU FOR YOUR BUSINESS



CITY OF NEWPORT BEACH
 3300 NEWPORT BOULEVARD
 PO BOX 1768
 NEWPORT BEACH, CA 92658-8915
 PURCHASING: (949)644-3087
 ACCTS. PAYABLE: (949)644-3117

PURCHASE ORDER NO.
34234
Page No.
1
INVOICE IN DUPLICATE <i>This order number must appear on all invoices, shipping notices, bills of lading, express receipts, and packages.</i> <i>Delivery tickets shall include unit price</i>

VENDOR 1157 FAX: 626-575-0286
 LEADER INDUSTRIES INC
 10941 WEAVER AVENUE
 SOUTH EL MONTE, CA 91733

SHIP TO EQUIPMENT MAINTENANCE, BLDG. D
 CITY OF NEWPORT BEACH-RECREATI
 592 SUPERIOR AVENUE
 NEWPORT BEACH, CA 92663
 ATTN: KYLE BRODOWSKI
 purchasing@newportbeachca.gov

ORDER DATE: 01/29/13	BUYER: ANTHONY NGUYEN	REQ NO.: 0	REQ. DATE:
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TERMS: NET 30 DAYS	F.O.B.: DESTINATION	DESC.: EMERGENCY AMBULANCE
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ITEM#	QUANTITY	UOM	DESCRIPTION	UNIT PRICE	EXTENSION
ATTN: STEVE DELAMONTANYA - REF. QUOTE DATED 29-JAN-13					
CONTACT: KYLE BRODOWSKI - EQPT. MAINT. (949) 718-3464					
PROVIDE AND FURNISH ONE (1) NEW, UNUSED 2013 NAVISTAR TERRASTAR/2013 LEADER S172 CUSTOM EMERGENCY AMBULANCE VEHICLE. ALL TERMS, CONDITIONS, SPECIFICATIONS, PRICING AND DELIVERY TIME SHALL BE IN ACCORDANCE WITH CITY OF NEWPORT BEACH SPECIFICATIONS AS PUBLISHED IN REQUEST FOR PROPOSAL (RFP) NO. 13-14 AND YOUR FIRM'S PROPOSAL TO THIS RFP.					
PLEASE COORDINATE WITH KYLE BRODOWSKI FOR ALL MATTERS RELATED TO THE MANUFACTURE AND DELIVERY OF THIS VEHICLE.					
01	3.00	EA	EMERGENCY AMBULANCE VEHICLE [AS DESCRIBED ABOVE]	205298.7500	615,896.25
02	1.75	EA	CA STATE TIRE RECYCLING FEE	21.0000	36.75
03	1.00	EA	PRE-CONSTRUCTION CONFERENCE TRAVEL [INCLUDED - PER RFP]	.0000	.00
04	1.00	EA	MID-CONSTRUCTION CONFERENCE TRAVEL [INCLUDED - PER RFP]	.0000	.00
05	1.00	EA	FINAL INSPECTION CONFERENCE TRAVEL [INCLUDED - PER RFP]	.0000	.00
				TRADE-IN/DISCOUNT:	-21,000.00
				SALES TAX:	47,591.70

ITEM#	ACCOJNT	AMOUNT	PROJECT CODE	PAGE TOTAL \$	642,524.70
01	6120	9100			
02	6120	9100			36.75
03	6120	9100			.00
04	6120	9100			.00
05	6120	9100			.00
				TOTAL \$	642,524.70

ACCEPTANCE Acceptance of this order by seller/vendor will be by acknowledgment or by delivery in whole or in part of the items called for hereunder. By accepting this order, the seller/vendor acknowledges that he has read and agrees to all terms and conditions including those placed on the reverse side of this Contract/Purchase Order. The only terms and conditions that will be applicable to the interpretation of this Contract are those issued by the City of Newport Beach.

BY *Car Matusiewicz*
 CITY OF NEWPORT BEACH

IMPORTANT GENERAL TERMS AND CONDITIONS ON THE REVERSE SIDE ARE INCORPORATED HEREIN.

All Articles covered by this Purchase Order or Contract must conform to applicable Cal OSHA Standards and/or other appropriate laws, regulations, rules, and code of Federal Government and the State of California. Show as a separate item any retail sales tax, use tax or Federal tax applicable to this purchase. This order subject to California sales tax. **ALL OUT-OF-STATE VENDORS: the CITY will pay any sales tax on all purchases shipped from out-of-state.** All purchases and transportation charges are exempt from Federal excise tax. NOTE: All purchases are F.O.B. destination unless otherwise specified. Charges for shipments are to be freight prepaid and added to the invoice (shown as a separate item) where so authorized. Do not include Federal transportation tax. A Newport Beach business license may be required to conduct business in the City.

Original-Vendor Copy



10941 Weaver Avenue
 South El Monte, CA 91733

Steve De La Montanya, Sales Representative
 Mobile: (707) 529-7522
 Fax: (707) 546-1070

QUOTATION

29-Jan-2013

City of Newport Beach
 3300 Newport Blvd
 Newport Beach, California, 92658.

	TERMS COD	FOB FOB Newport Beach, CA	SHIP VIA Ground	Pricing	
QUANTITY	DESCRIPTION			EACH	EXTENDED AMOUNT
3		2013 Navistar Terrastar/2013 Leader S172 Custom Ambulance.		\$ 205,298.75	\$ 615,896.25
3		Multi Unit Discount: Two or more vehicles build consecutively		\$ (3,000.00)	\$ (9,000.00)
3		Leader CA customer Discount		\$ (4,000.00)	\$ (12,000.00)
		Sub-Total		\$ 198,298.75	\$ 594,896.25
3		Sales Tax @ 8.00% (Orange Co)		\$ 15,863.90	\$ 47,591.70
3		Estimated DMV Fees N/A Exempt		\$ -	\$ -
3		CA Tire Fee \$1.75 (Per Tire)		\$ 12.25	\$ 36.75
3		Pre-Construction Conference Travel Costs: Leader South El Monte			
3		Mid-Construction Conference Travel Costs: Leader South El Monte			
3		Final Inspection Conference Travel Costs: Leader South El Monte			
		TOTAL QUOTED AMOUNT		\$ 214,174.90	\$ 642,524.70

Estimated Delivery: 120 Days from receipt of chassis.

Customer Approval:

Payment: (Please check one)

 Signature

Leasing
 Company Check
 Wire Transfer

 Date

Purchaser agrees to defend, indemnify and hold Halcore Group Inc. dba Leader Industries, harmless from any claims, costs (including actual attorney's fees), damages and liabilities caused in whole or in part by any alteration or modification of or change

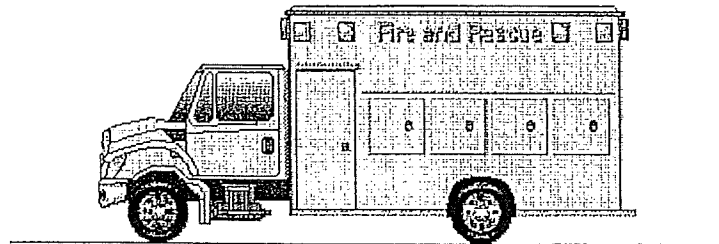
TERMS: All Vehicle Sales Are C.O.D. Titles to be Processed Upon Receipt of Payment In Full.

THANK YOU FOR YOUR BUSINESS

Prepared For:
2013 STOCK TERRASTAR
JASON CAVALLO
3800 Mcdowell Rd.
Grove City, OH 43123-
(614)539 - 8181
Reference ID: N/A

Presented By:
CENTER CITY INTL TRUCKS
Timothy M White
4200 CURRENCY DRIVE
COLUMBUS OH 43228 -
(614)876-3500

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2013 TERRASTAR SFA 4x2 (TA005)

APPLICATION:	Rescue
MISSION:	Requested GVWR: 19500. Calc. GVWR: 19000 Calc. Start / Grade Ability: 44.00% / 4.90% @ 55 MPH Calc. Geared Speed: 75.6 MPH
FUEL ECONOMY:	8.65 MPG @ 55 MPH
DIMENSION:	Wheelbase: 183.00, CA: 108.60, Axle to Frame: 63.00
ENGINE, DIESEL:	{MaxxForce 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 1000_EVS} 4th Generation Controls; Close Ratio, 5-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends Gear Ratio: 4.88
CAB:	Conventional
TIRE, FRONT:	(2) 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply
TIRE, REAR:	(4) 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range F, 12 ply
SUSPENSION, REAR, AIR, SINGLE:	{International} Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0" Ride Height, With Shock Absorbers
PAINT:	Cab schematic 100TA Location 1: 9036, Cool Gray Light (Std) Chassis schematic N/A

ENGINE, DIESEL (0012NVE)
ATTACHMENTS: NONE

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Vehicle Speed Limit	76	MPH
Max Eng Speed w/Vehicle Speed Fault	2781	N/A
Cruise Control Min Vehicle Speed	35	MPH
Cruise Control Max Vehicle Speed	76	MPH
AESC Maximum Engine Speed	2600	RPM
AESC Preset Engine Speed 1	1000	RPM
AESC Preset Engine Speed 2	1500	RPM
AESC Engine Speed Ramp Rate	100	RPM/SEC
AESC Max Vehicle Speed	10	MPH
AESC Remote Pedal Enable	0, FEATURE OR FUNCTION IS DISABLED	N/A
Remote Pedal - Return To 0 Required	1, RETURN TO ZERO FUNCTIONALITY NOT REQUIRED	N/A
Idle Shutdown Time	5	MIN
Idle Shutdown Mode	0, DEACTIVATE PARAMETER OR ENGINE PROTECTION MODE	N/A
Change Oil Indication	2, COSI AVERAGE MPG & MPH BASED FEATURE ENABLED	N/A
Customer Password:8700	0000	N/A

These Electronic Parameters have been successfully finalized

Code	Description	List (US DOLLAR)
TA00500	Base Chassis, Model TERRASTAR SFA 4x2 with 183.00 Wheelbase, 108.60 CA, and 63.00 Axle to Frame.	\$43,345.00
1570	TOW HOOK, FRONT (2) Frame Mounted	\$73.00
1CDN	FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 7.375" x 3.079" x .312" (187.45mm x 78.2mm x 8.0mm) With Transition to 9.125" x 3.079" x .312" (231.8mm x 78.2mm x 8.0mm); Includes 1.2" (30mm) Drop Under Cab; 335.2" (8512.2mm) Maximum OAL	\$0.00
1LEG	LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper	\$29.00
1MSC	BUMPER, FRONT Full Width, Aerodynamic, Steel, Chrome Plated, 0.118" Material Thickness	\$427.00
1SAL	CROSSMEMBER, REAR, AF (01)	\$116.00
1WEB	WHEELBASE RANGE 128" (325cm) Through and Including 183" (465cm)	\$0.00
2ADZ	AXLE, FRONT NON-DRIVING {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity	\$130.00
3AGN	SUSPENSION, FRONT, SPRING Taper Leaf, Shackle Type; 7,000-lb Capacity; With Shock Absorbers	\$28.00
3WAP	STABILIZER BAR, FRONT	\$498.00
4087	BRAKE SYSTEM, HYDRAULIC {TRW 355} Split System, With Three Channel ABS	\$0.00
4EBD	AIR DRYER {Meritor Wabco System Saver 1200} with Heater	\$455.00
4GAX	BRAKE, PARKING {TRW} Drum-in-Hat Type; for Hydraulic Brake chassis; Activated by Lever in Cab; Mounted in Rear Wheels	\$0.00
4JNH	BRAKES, FRONT, HYDRAULIC DISC {TRW} 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diam. Pistons	\$0.00
4NNH	BRAKES, REAR, HYDRAULIC DISC {TRW} 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diam. Pistons	\$0.00
4SBL	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity; and Tank for Air Source on Hydraulic Chassis	\$790.00
5708	STEERING COLUMN Tilting	\$125.00
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black	\$0.00
5PSN	STEERING GEAR {Sheppard MD83} Power	\$0.00
7BDA	EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Back of Cab, Includes Horizontal Tail Pipe	\$0.00
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF	\$42.00
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	\$0.00
8518	CIGAR LIGHTER Includes Ash Cup	\$18.00
8540	HORN, ELECTRIC (2)	\$20.00
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord	\$30.00
8GWY	ALTERNATOR (Leece-Neville 14931PAH) Brush Type, 12 Volt 320 Amp. Capacity, Pad Mount	\$1,258.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
8HAB	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/ Accessory Power/Ground and Sealed Connector for Stop/Turn	\$85.00
8MLM	BATTERY SYSTEM {International} Maintenance-Free (3) 12-Volt 2250CCA Total	\$201.00
8RJU	RADIO {International} AM/FM Stereo With CD Player, Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers	\$474.00
8THB	BACK-UP ALARM Electric, 102 dBA	\$120.00
8WBW	JUMP START STUD Remote Mounted	\$0.00
8WCS	BATTERY DISCONNECT SWITCH {Joseph Pollak 51-315} Positive Type, Lever Operated, Cab Mounted	\$92.00
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	\$26.00
8WPH	CLEARANCE/MARKER LIGHTS (5) (Truck Lite) Amber LED Lights, Flush Mounted on Cab or Sunshade	\$70.00
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	\$42.00
8WRB	HEADLIGHTS ON WWIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	\$22.00
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm	\$0.00
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position	\$49.00
8WYD	STARTING MOTOR {Delco Remy 29MT} 12 Volt; Less Thermal Over-Crank Protection, With Integrated Magnetic Switch	\$0.00
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	\$99.00
9HCG	GRILLE Chrome, with Chrome Headlight Bezels, Painted Modesty Panels, and Fender Extension	\$648.00
9WAY	FRONT END Tilting, Fiberglass, With Three Piece Construction	\$0.00
9WBB	GRILLE EMBER SCREEN Mounted to Grille to Keep Hot Embers out of Engine Air Intake System	\$60.00
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	\$0.00
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	\$0.00
11001	CLUTCH Omit Item (Clutch & Control)	\$0.00
12890	BLOCK HEATER, ENGINE {Phillips} 120 Volt/1000 Watt	\$88.00
12NVE	ENGINE, DIESEL {MaxxForce 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)	\$0.00
12TTB	FAN DRIVE {Borg-Warner Series 790} Viscous Type, Screw On	\$0.00
12UBU	RADIATOR Aluminum; 2-Row, Cross Flow, Side-by-Side System, 697 SqIn Louvered, With 225 SqIn CAC, With In-Tank Oil Cooler	\$0.00
12VBR	AIR CLEANER With Service Protection Element	\$0.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	\$0.00
12VZA	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxFace post 2007 Emissions Electronic Engines	\$45.00
12VZD	FEDERAL EMISSIONS for 2010; MaxxFace 7 Engines	\$0.00
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	\$0.00
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations	\$0.00
13AKY	TRANSMISSION, AUTOMATIC (Allison 1000_EVS) 4th Generation Controls; Close Ratio, 5-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.	\$529.00
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints	\$0.00
13WYL	SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary	\$0.00
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab	\$163.00
14ACN	AXLE, REAR, SINGLE (Dana Spicer S110) Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends . Gear Ratio: 4.88	\$520.00
14TCH	SUSPENSION, REAR, AIR, SINGLE (International) Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0" Ride Height, With Shock Absorbers	\$1,254.00
14WLA	AXLE, REAR, LUBE (EmGard 75W-90) Synthetic Oil; 1 thru 29.99 Pints	\$92.00
15SSV	FUEL TANK Top Draw; Rectangular, Plastic 40 U.S. Gal., 151 L Capacity, 15" Depth, Includes Fuel Filler Assembly and Vent Hosing, Mounted Between Frame Sidemembers and Behind Rear Axle	\$0.00
15WCE	FUEL FILTER (Racor) With Filter Restriction/Change Indicator For International V8 Engines	\$253.00
16030	CAB Conventional	\$0.00
16990	AIR CONDITIONER, PROVISION FOR Accommodation Package, for Air Conditioning, Includes (1) SD7 Sanden Auxiliary Compressor in Secondary Compressor Position and Compressor Drive Effects for Vehicle With Primary Compressor Mounting	\$539.00
16HBA	GAUGE CLUSTER English With English Electronic Speedometer	\$0.00
16HGH	GAUGE, OIL TEMP, ALLISON TRAN	\$48.00
16HHE	GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) With Black Bezel Mounted in Instrument Panel	\$30.00
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes In Gauge Cluster	\$0.00
16JNV	SEAT, DRIVER (National 2000) Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust	\$157.00
16RPX	SEAT, PASSENGER (National) Air-Suspension, High Back With Integral Headrest, Cloth, Isolated, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment	\$568.00
16SDC	GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar	\$236.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
16SDU	MIRRORS (2) (Lang Mekra) Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatically Controlled, Power Both Sides, Clearance Lights LED, Bright Finish Heads & Brackets	\$443.00
16VBZ	SEAT BELT All Red; 1 to 3	\$26.00
16WBY	ARM REST, RIGHT, DRIVER SEAT	\$39.00
16WBZ	ARM REST, LEFT, PASSENGER SEAT	\$39.00
16WCT	AIR CONDITIONER (Blend-Air) With Integral Heater & Defroster	\$823.00
16WHC	HEATER CONNECTION for International V8 Engines, With Dual Heater Outlets to Accommodate Shutoff Valves or Aftermarket Secondary Heater Requirements	\$198.00
16WJS	INSTRUMENT PANEL Center Section, Flat Panel	\$0.00
16WJU	WINDOW, POWER (2) And Power Door Locks, Left and Right Doors, Includes Express Down Feature	\$367.00
16WKZ	KEYLESS ENTRY SYSTEM REMOTE With Panic and Auxiliary Buttons, Includes One Key Fob (Transmitter)	\$285.00
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	\$76.00
16WRZ	CAB INTERIOR TRIM Premium	\$304.00
16WSE	LOW WASHER FLUID INDICATOR	\$15.00
16XRN	MODESTY PANEL Molded, Dark Gray Color	\$0.00
27DAV	WHEELS, FRONT DISC; 19.5" Polished Aluminum; 10-Stud (225MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs	\$506.00
28DAV	WHEELS, REAR DISC; 19.5" Polished Aluminum Outer Wheel, With Steel Inner Wheel, 10-Stud (225MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs	\$631.00
29ACD	TIRE VALVE CAP Flo-Thru Design	\$24.00
29SAE	WHEEL SEALS, FRONT (Chicago Rawhide Nitrile) for Oil Lubricated Wheel Bearings	\$31.00
29WLA	WHEEL BEARING, FRONT, LUBE (EmGard 50W) Synthetic Oil	\$25.00
40038	WARRANTY TerraStar Standard 36 Month/36,000 Miles	\$0.00
60ACW	BDY INTG,I/O EXPANSION HARNESS (for Diamond Logic Builder) In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided	\$71.00
7709440101	(2) TIRE, FRONT 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply	\$0.00
7709448102	(4) TIRE, REAR 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range F, 12 ply	\$104.00
	Total of Product Features	\$57,901.00
	Total List Price Including Options:	\$57,901.00
1	FUEL AND MATERIALS SUR-CHARGE	\$600.00
	Total Body Allied:	\$600.00
	PDI AND PROGRAMMING	\$1,200.00

INTERNATIONAL®

Vehicle Specifications
2013 TERRASTAR SFA 4x2 (TA005)

August 03, 2012

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	DUAL LEVEL VALVES(HALDEX	\$385.00
	A/C COMPRESSOR CREDIT	(\$539.00)
	GROVER AIR HORNS MOUNTED ON HOOD W/2 FOOT SWITCHES SHIPPED LOOSE	\$884.00
	AUX AIR TANK FOR HORNS	\$404.00
	Total Goods Purchased:	\$2,334.00

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$57,901.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$57,901.00
Total Goods Purchased:		\$2,334.00
FREIGHT AND SECONDARY MOVEMENT CHARGES	\$1,550.00	
Total Freight:		\$1,550.00
Total Factory List Price Including Freight:		\$61,785.00
Less Customer Allowance:		(\$4,965.15)
Total Vehicle Price:		\$56,819.85
Total Body/Allied Equipment:		\$600.00
Total Sale Price:		\$57,419.85
Total Per Vehicle Sales Price:		\$57,419.85
Net Sales Price:		\$57,419.85

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

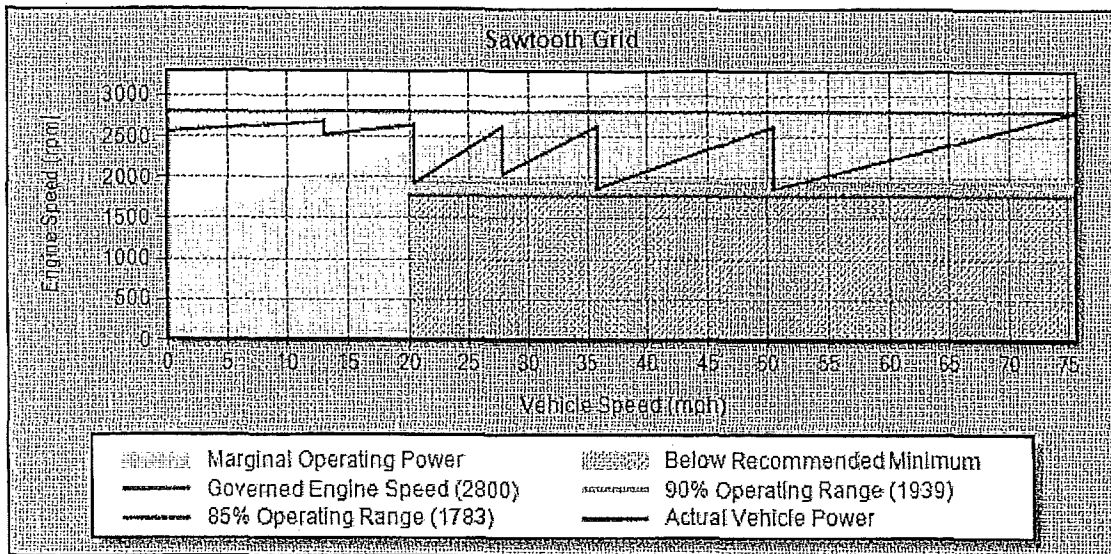
Authorized Signature and Date

This proposal is not binding upon the seller without
Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the government.

ENGINE/TRANSMISSION MATCHING



Sawtooth Details

Gear	Trans Ratio	Upshift Power Avail		Govern Power Avail		Peak Power Comparison			Warn Msg
		Veh Spd (MPH)	Eng Spd (RPM)	Veh Spd (MPH)	Eng Spd (RPM)	Gear Step (%)	85% Range (%)	90% Range (%)	
1C	3.10	0.0	2562.5	13.0	2684.0	N/A	57	44	
2C	1.81	13.0	2521.5	20.4	2643.2	N/A	57	44	
2L	1.81	20.4	1927.7	27.8	2624.5	N/A	57	44	
3L	1.41	27.8	2044.5	35.8	2632.5	N/A	57	44	
4L	1.00	35.8	1867.0	50.4	2625.0	N/A	57	44	
5L	0.71	50.4	1863.8	75.6	2800.0	N/A	57	44	

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

STEADY STATE PERFORMANCE

Performance Results	Gear	Veh Spd (mph)	Eng Spd (rpm)	Fuel Econ (mpg)	Grade (%)	Notes
LEVEL ROAD MAXIMUM SPEED	5L	76.3	2826	5.57	0.00	
HI GEAR SPEED @ RATED RPM	5L	75.6	2800	5.56	1.14	
55.0 MPH STEADY-STATE	5L	55.0	2036	8.65	4.90	- Calculated Grade Ability/Fuel Economy

VEHICLE ORDER CODING ERRORS MAY RESULT IF THE "LEVEL ROAD MAX SPEED" VALUE EXCEEDS THE "HI GEAR SPEED @ RATED RPM" AND IS USED AS THE ENGINE PROGRAMMABLE VEHICLE SPEED LIMIT.

IF THE RESULTS CONTAIN "----", VEHICLE CANNOT ATTAIN THAT SPEED.

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

Recommendations / General Information

IDLE FUEL RATE : 0.57 GALS/HR @ 700 RPM
TORQUE CONVERTER: TC-211 STALL RATIO: 1.90

Fuel Economy Route: Normal Route - City, Suburban, and Highway

Key Fuel Economy Information	City	Suburban	Highway	Notes
MILES PER GALLON	9.66	10.53	8.21	
AVERAGE MPH	19.26	40.17	54.64	
MISSION MINUTES	29.3	51.5	173.2	

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

GRADEABILITY PERFORMANCE

Enroute - Full Throttle Upshift Performance

Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes
1C	3.10	0.0	2562.5	0.0	48.50	@ STALL
		7.7	2522.6	176.3	48.50	@ 70% EFF
		10.0	2596.4	213.6	44.00	80% EFF
2C	1.81	13.0	2684.0	222.6	34.00	
		20.4	2643.2	224.1	20.60	
2L	1.81	20.4	1927.7	215.8	19.80	
		27.8	2624.5	265.5	17.40	
3L	1.41	27.8	2044.5	226.3	14.60	
		35.8	2632.5	263.5	12.70	
4L	1.00	35.8	1867.0	208.6	9.70	
		50.4	2625.0	263.0	7.70	
5L	0.71	50.4	1863.8	202.0	5.30	
		75.6	2800.0	224.2	1.10	RATED RPM
		75.7	2803.2	219.3	1.00	
		76.0	2814.6	201.7	0.50	
		76.3	2826.1	184.0	0.00	LEVEL ROAD

STARTING / TOP GEAR PERFORMANCE

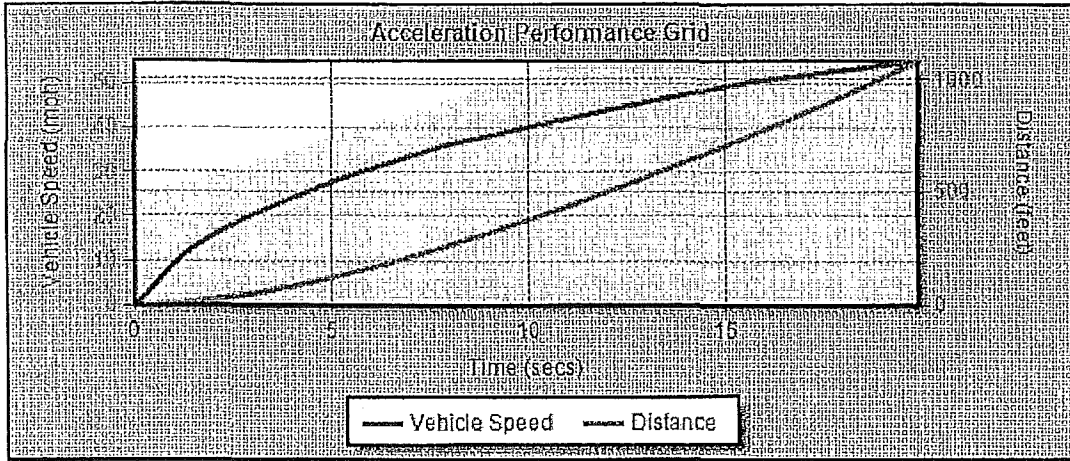
Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes
1C	3.10	0.0		0.0	48.50	@ STALL
		10.0		213.6	44.00	80% EFF - Calculated Start Ability

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

THE TRANSMISSION WAS SIMULATED IN PERFORMANCE OPERATING MODE.

ACCELERATION PERFORMANCE RESULTS

Acceleration Performance Grid



Acceleration Performance: TIME TO ACCELERATE ON A 0.00% GRADE TO 55.0 (MPH) IS 19.85 (SECS)

Acceleration Performance Details

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
1	0.12	0.1	1.0	
	0.24	0.3	2.0	
	0.35	0.8	3.0	
	0.45	1.3	4.0	
	0.55	1.9	5.0	
	0.65	2.8	6.0	
	0.76	3.8	7.0	
	0.87	5.0	8.0	
	0.98	6.4	9.0	
	1.10	8.1	10.0	
	1.23	10.0	11.0	
	1.36	12.3	12.0	
	2	1.51	14.9	13.0
1.70		18.7	14.0	
1.89		22.8	15.0	
2.08		27.2	16.0	
2.28		32.0	17.0	
2.49		37.3	18.0	
2.70		43.1	19.0	
3	2.93	49.4	20.0	
	3.03	52.5	20.4	
	3.29	60.4	21.4	
	3.55	68.8	22.4	
	3.81	77.7	23.4	
	4.08	87.1	24.4	
	4.35	97.0	25.4	
4	4.63	107.5	26.4	
	4.91	118.5	27.4	
	5.02	123.1	27.8	
	5.35	137.1	28.8	
	5.69	151.7	29.8	
	6.04	166.9	30.8	

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
	6.39	182.9	31.8	
	6.74	199.7	32.8	
	7.10	217.2	33.8	
5	7.46	235.5	34.8	
	7.83	254.8	35.8	
	8.32	280.9	36.8	
	8.82	307.9	37.8	
	9.32	335.9	38.8	
	9.82	365.0	39.8	
	10.33	395.3	40.8	
	10.85	426.6	41.8	
	11.38	459.2	42.8	
	11.91	493.1	43.8	
	12.45	528.3	44.8	
	13.00	564.8	45.8	
	13.56	602.8	46.8	
	14.13	642.2	47.8	
	14.71	683.1	48.8	
6	15.29	725.6	49.8	
	15.62	750.0	50.4	
	16.51	815.7	51.4	
	17.40	883.8	52.4	
	18.31	954.5	53.4	
	19.24	1027.8	54.4	
	19.85	1077.0	55.0	

REQUIRED TCAPE INFORMATION

TCAPE Factors For Vehicle

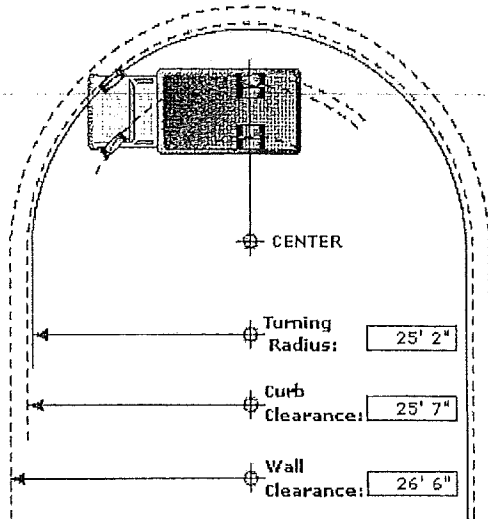
Selected Rear Axle Gear Ratio(s):	4.88
Vehicle Vocation:	GENERAL ON HIGHWAY
Road Surface Type:	TYPICAL
Enroute PTO:	NO
Transmission Mode:	Performance
Fuel Economy Route:	Normal Route - City, Suburban, and Highway
ID Wheel Slip Conditions:	Yes
Engine Fan Type:	VISCOUS
Parked PTO:	NO
Road Governor/Cruise Ctrl:	No
Acceleration Grade (%):	0.0
Alternator (A):	40
Frontal Area (FT2):	96
Air Compressor (HP):	0.00
Vehicle Height (IN):	89
Steering Gear (HP):	2.60
Air Conditioner (HP):	3.20
Weight on Drive Axle (LBF):	13500
Acceleration Vehicle Spd (MPH):	55.0
Speed Limit on Route (MPH):	61.0
Vehicle Width (IN):	96
Relative Drag Coefficient:	80
TIRE, FRONT	2 - RADIAL LOWPROFILE
TIRE, REAR	4 - RADIAL LOWPROFILE

Components

0002ADZ	AXLE, FRONT NON-DRIVING {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
0004SBL	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity; and Tank for Air Source on Hydraulic Chassis
0005PSN	STEERING GEAR {Sheppard MD83} Power
0008GWY	ALTERNATOR {Leece-Neville 14931PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mount
0012NVE	ENGINE, DIESEL {MaxxForce 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)
0012TTB	FAN DRIVE {Borg-Warner Series 790} Viscous Type, Screw On
0013AKY	TRANSMISSION, AUTOMATIC {Allison 1000_EVS} 4th Generation Controls; Close Ratio, 5-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.
0014ACN	AXLE, REAR, SINGLE {Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends
0016030	CAB Conventional
0016WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
07709440101	TIRE, FRONT 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply
07709448102	TIRE, REAR 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range F, 12 ply 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range F, 12 ply

TCAPE HAS BEEN DESIGNED TO GIVE ECONOMY AND PERFORMANCE PREDICTIONS WHICH HAVE BEEN SHOWN TO BE TYPICAL FOR MOST OPERATIONS. HOWEVER, DUE TO OPERATING CONDITIONS, DRIVER INFLUENCES, AND OTHER FACTORS, YOUR RESULTS MAY VARY FROM THOSE PREDICTED. ALSO, BECAUSE OF FUEL MAPPING PROCEDURES USED BY VARIOUS ENGINE MANUFACTURERS, COMPARISONS OF FUEL ECONOMY RESULTS FOR DIFFERENT BRANDS OF ENGINES MAY VARY FROM THOSE SHOWN.

NAVISTAR, INC. SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE, INTERRUPTION OF BUSINESS OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND THAT ARE INCURRED BY DEALER OR BY DEALER'S CUSTOMERS AS A RESULT OF RELIANCE ON TCAPE, WHETHER THE CLAIM IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.



Series: TR
Model: TA005
Description: TERRASTAR SFA 4x2
Model Year: 2013

Calculation Factors

Wheelbase: 183
Front Axle: 0002ADZ
Description: AXLE, FRONT NON-DRIVING, {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
Front Wheel: 0027DAV
Description: WHEELS, FRONT, DISC; 19.5" Polished Aluminum; 10-Stud (225MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs
Front Tire: 07709440101
Description: TIRES, 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range F, 12 ply
Steering Gear: 0005PSN
Description: STEERING GEAR, {Sheppard MD83} Power

Turning Radius Statistics

General Information

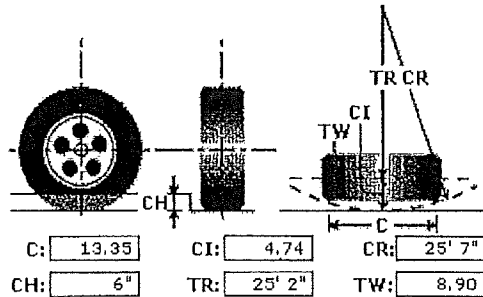
Inside Turn Angle: 50 Degrees
Radial Overhang: 15.7

Axle Information

KingPin Inclination: 9 Degrees
KingPin Center: 62.71

Turning Radius - Curb View

C	- Curb Contact Length:	13.35
CI	- Curb Clearance Increment:	4.74
CR	- Curb Clearance Radius:	25'7"
CH	- Curb Height:	6"
TR	- Turning Radius:	25'2"
TW	- Tire Width:	08.90

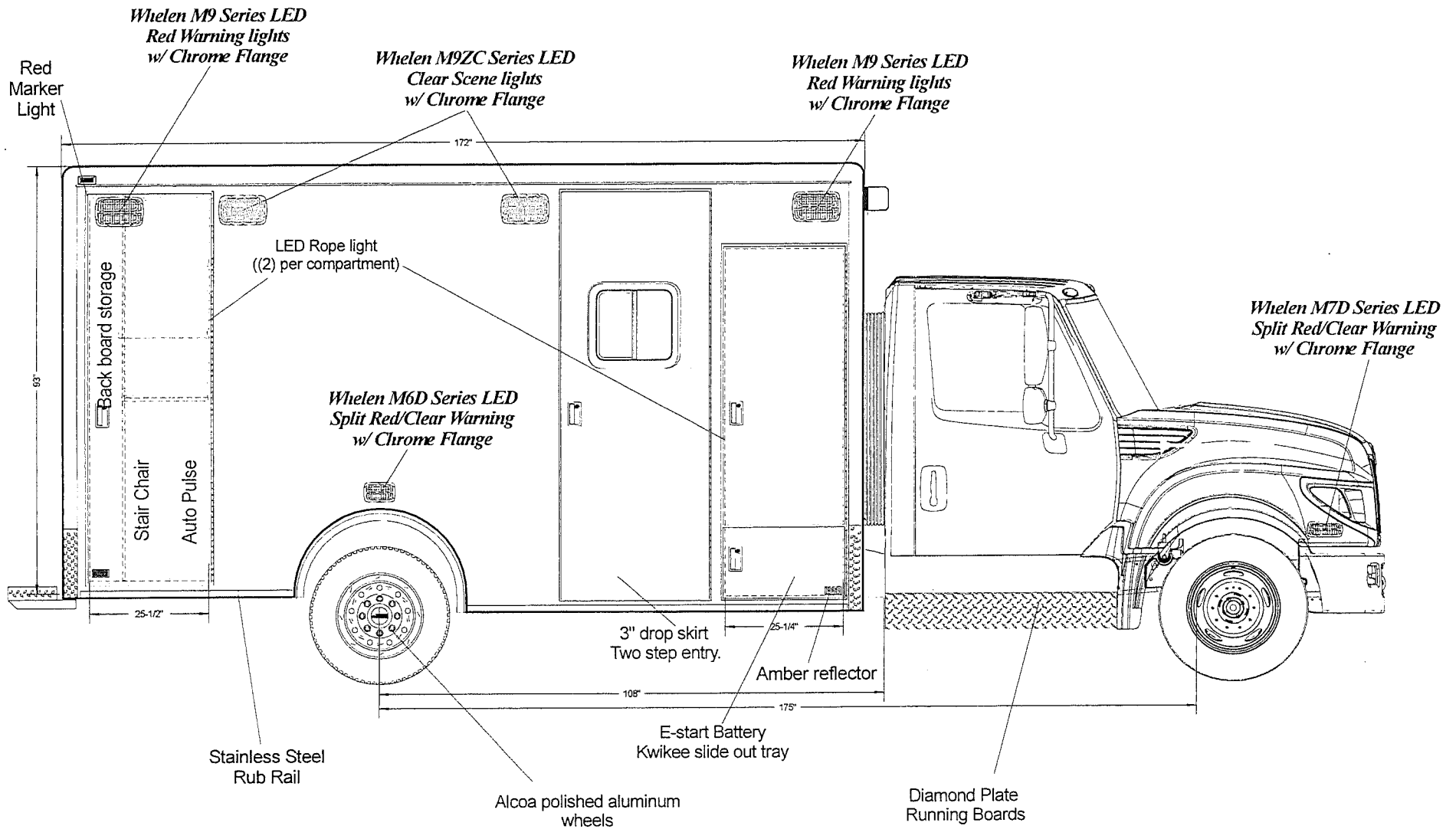


* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Curbside Exterior

DWN BY: SDLM

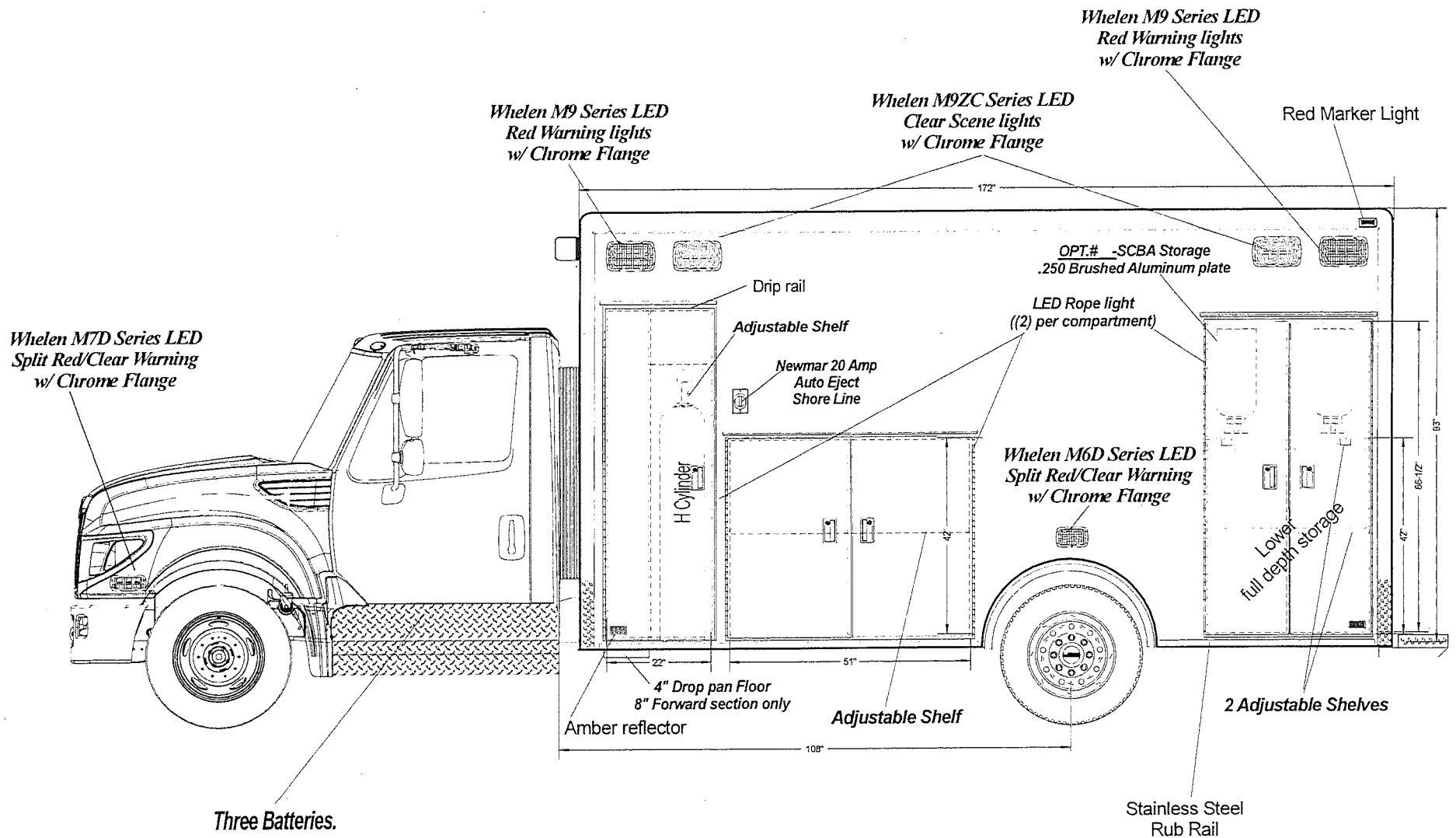
DATE: Sept. 12-2012

LE- #1



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone: (626) 575-0880

VIEW: Streetside Exterior

DWN BY: SDLM

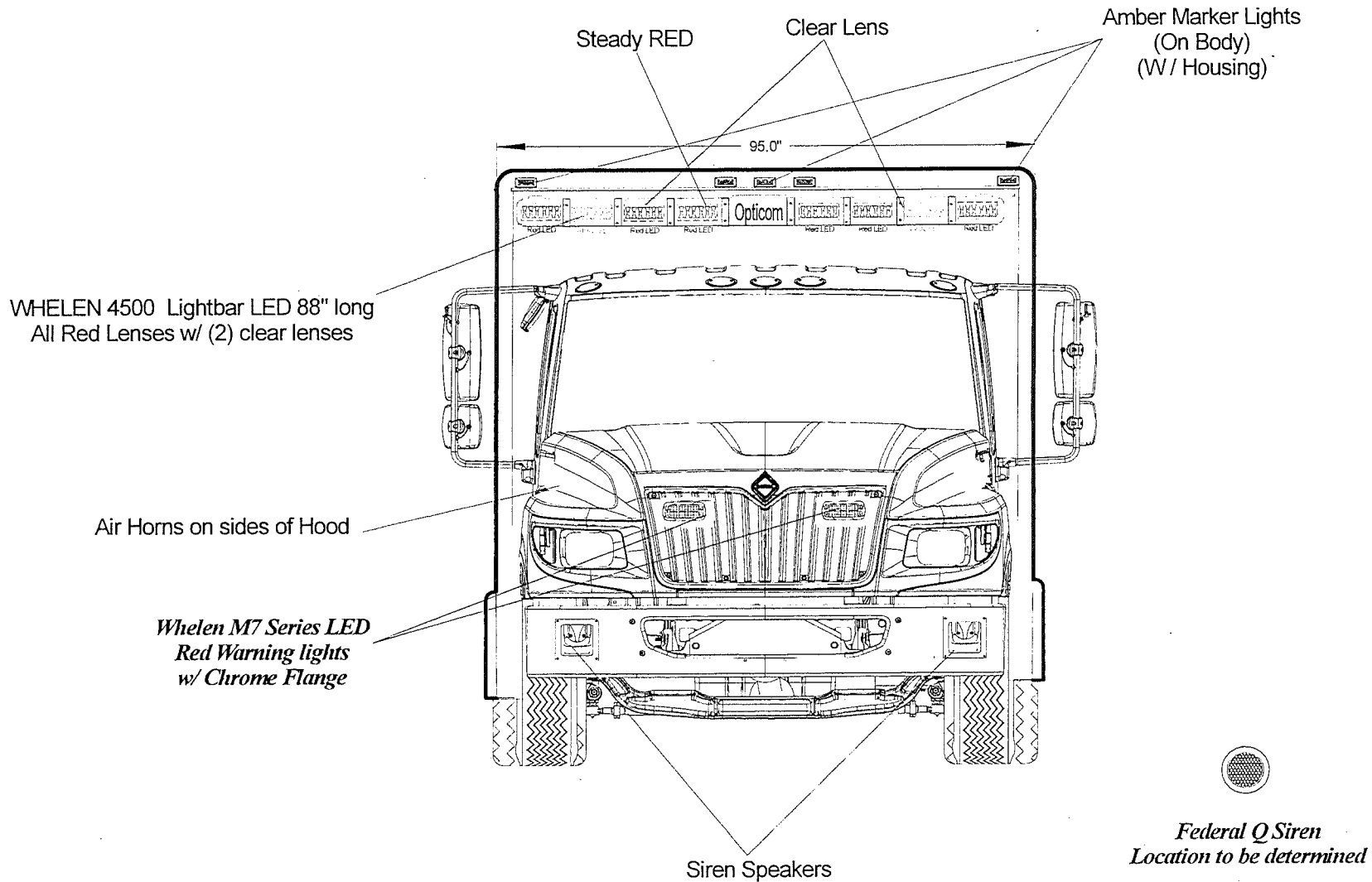
DATE: Sept. 12-2012

LE- #2



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Front Exterior

DWN BY: SDLM.

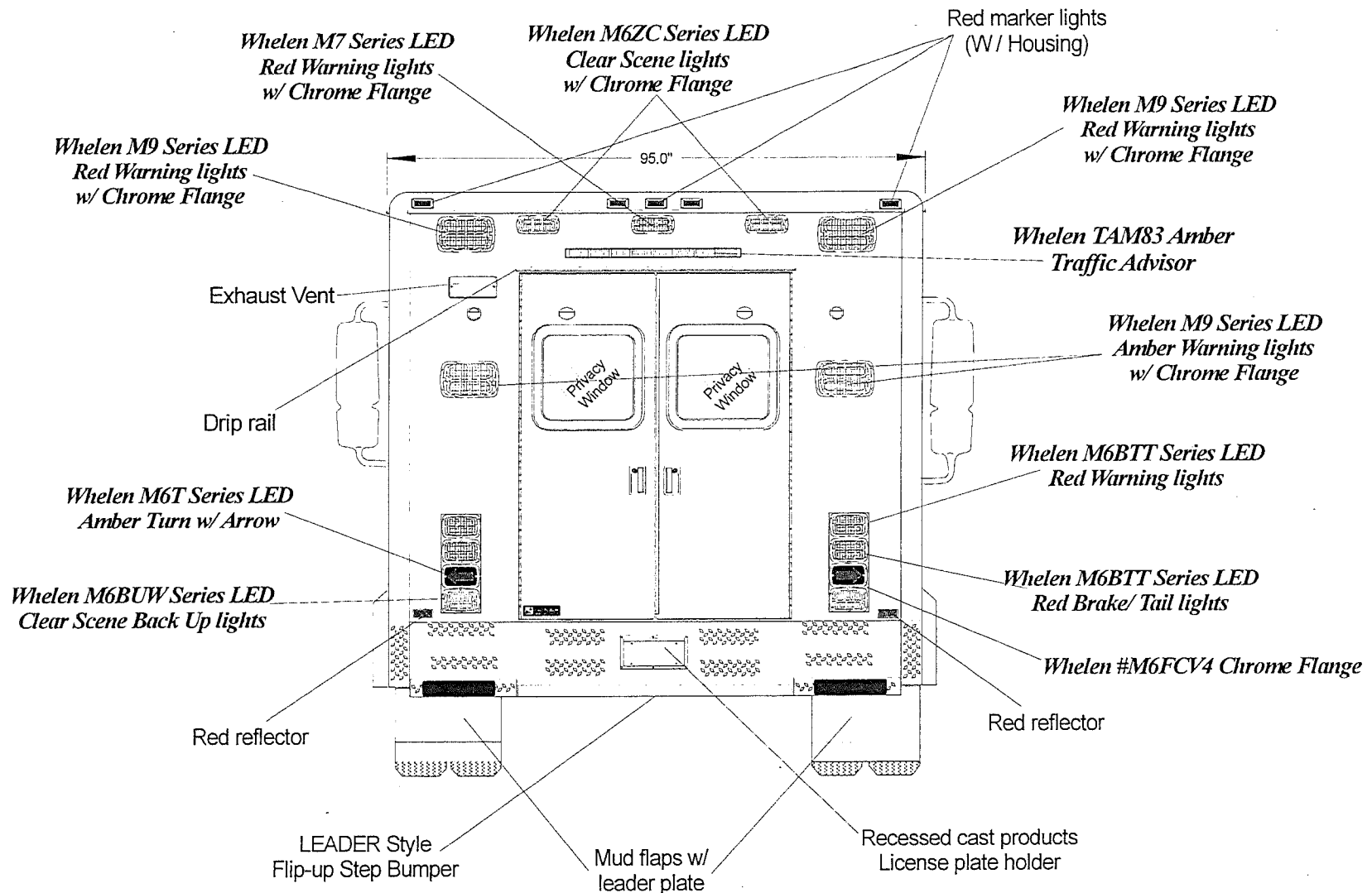
DATE: Sept. 12-2012

LE-#3



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Rear Exterior

DWN BY: SDLM.

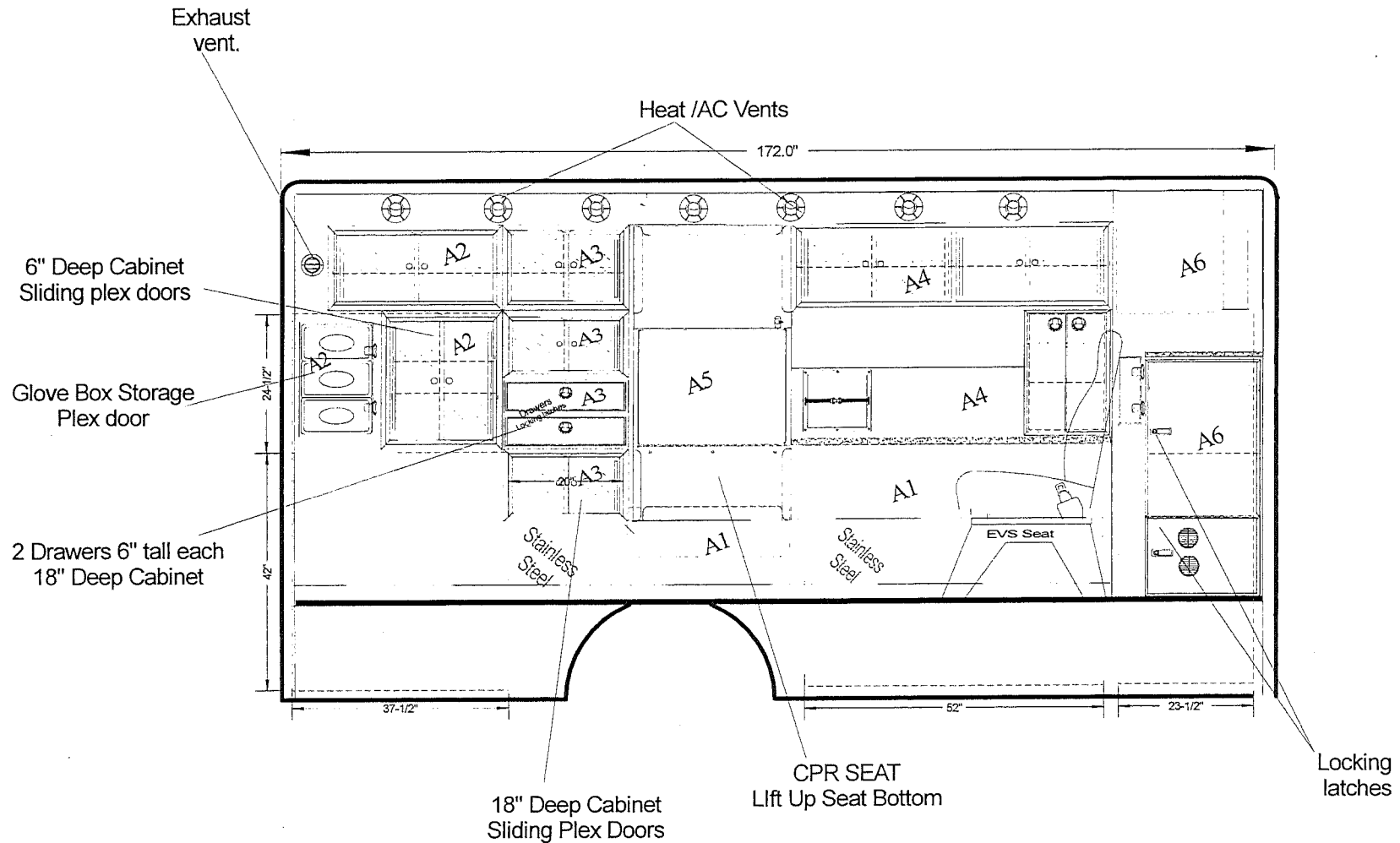
DATE: Sept. 12-2012

LE- #4



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Street wall Interior

DWN BY: SDLM.

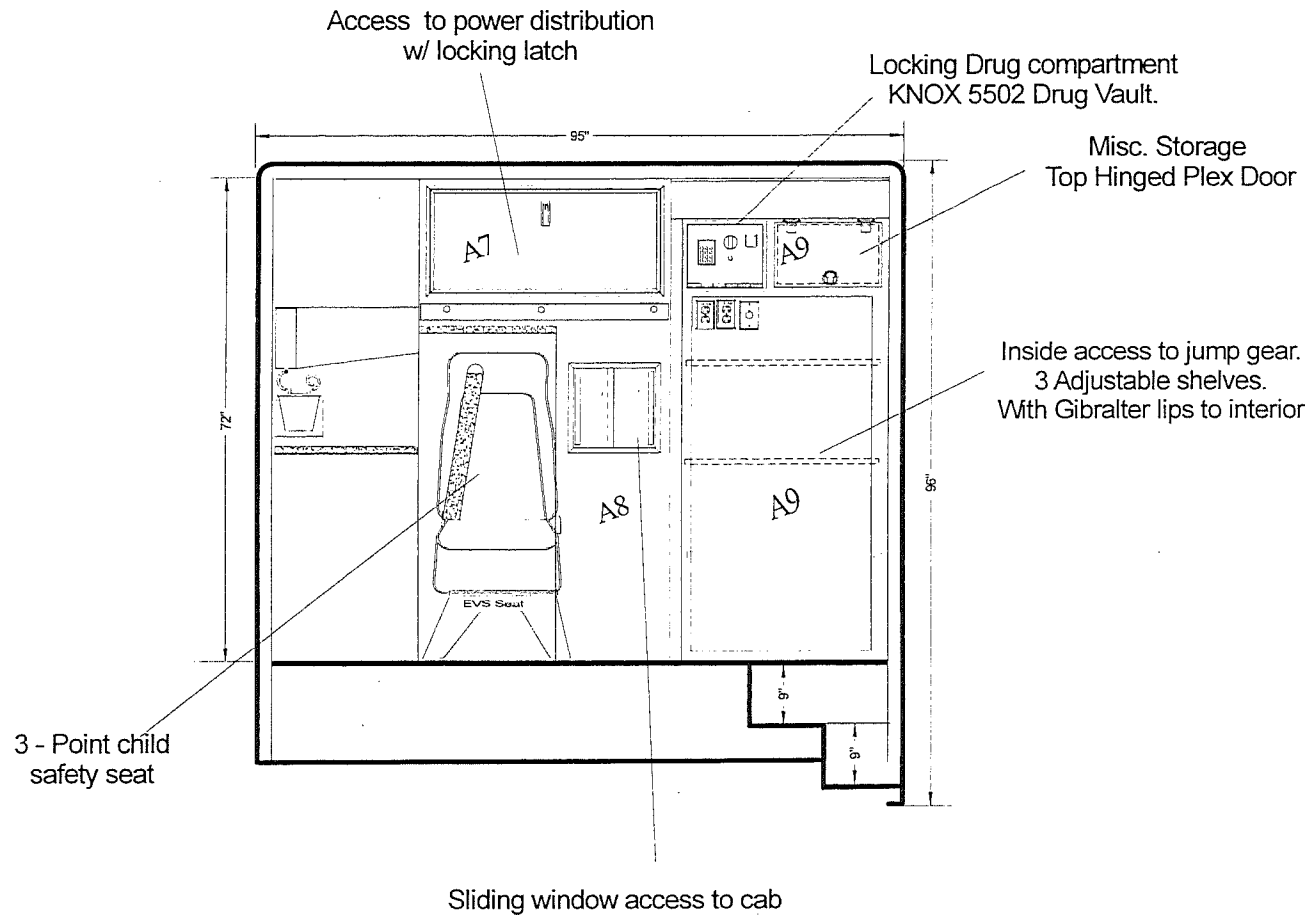
DATE: Sept. 12-2012

LE-#5



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Bulkhead wall Interior

DWN BY: SDLM.

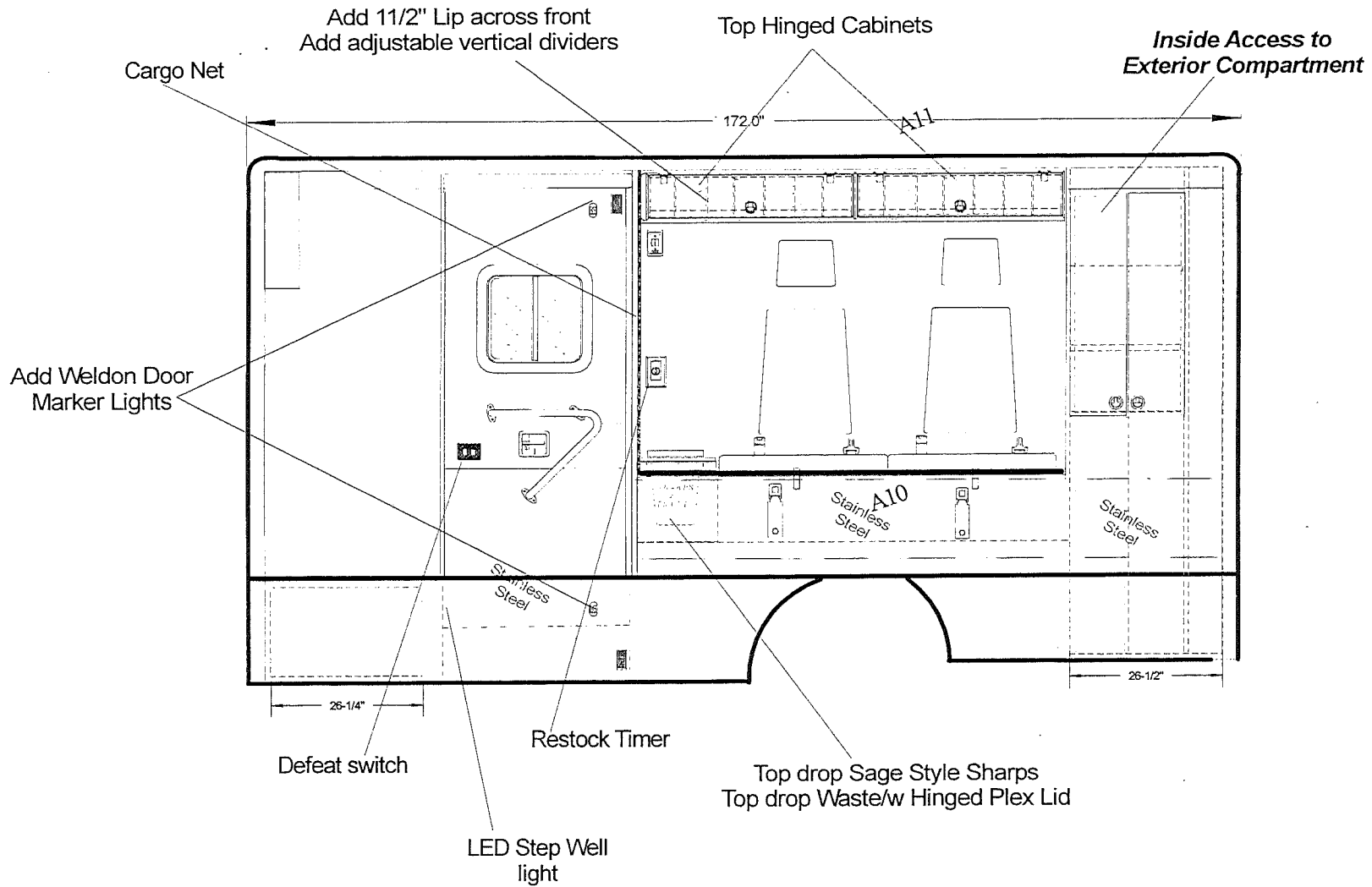
DATE: Sept. 12-2012

LE-#6



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Curbside Interior

DWN BY: SDLM.

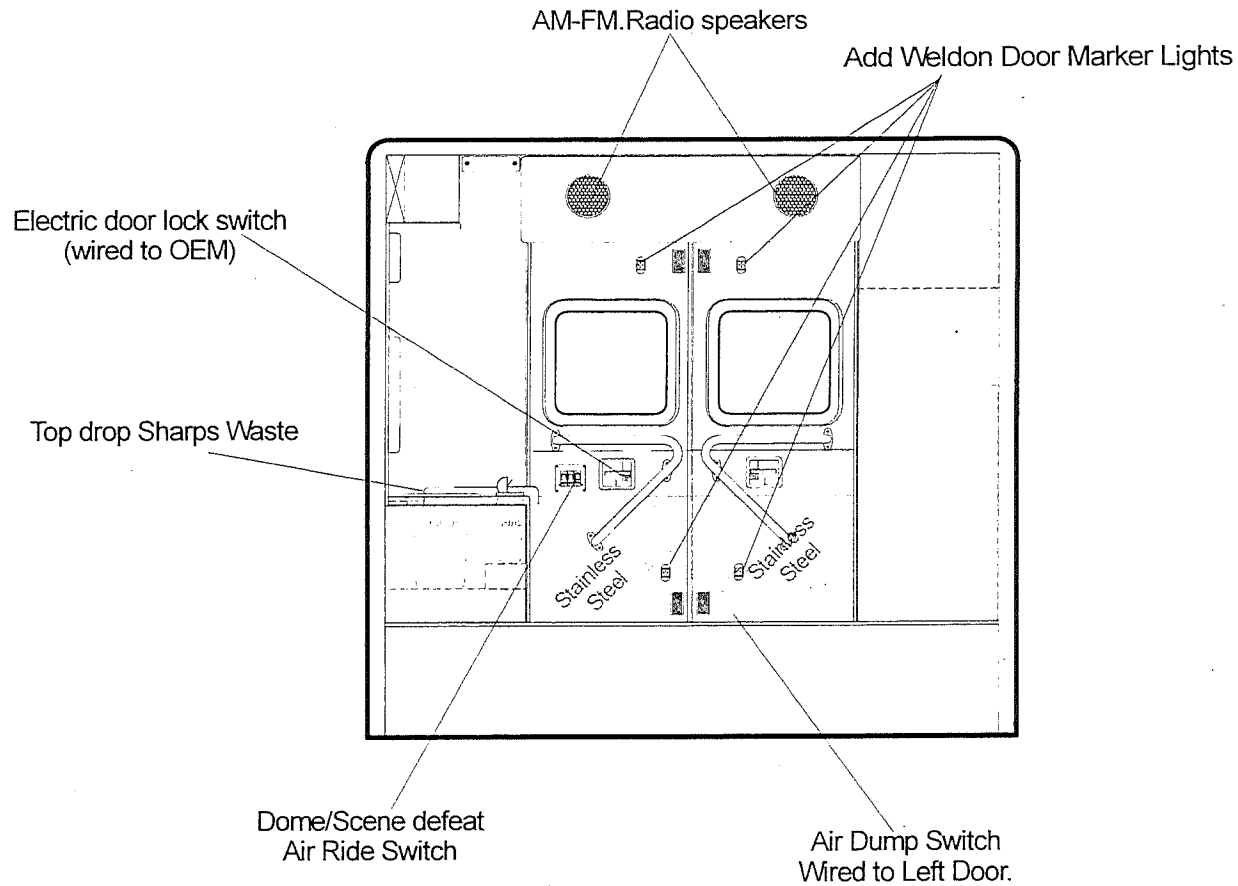
DATE: Sept. 12-2012

LE- #7



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Rear Interior

DWN BY: SDLM.

DATE: Sept. 12-2012

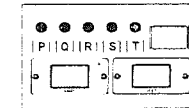
LE-#8



CUSTOM CONSOLE & SWITCH LAYOUT

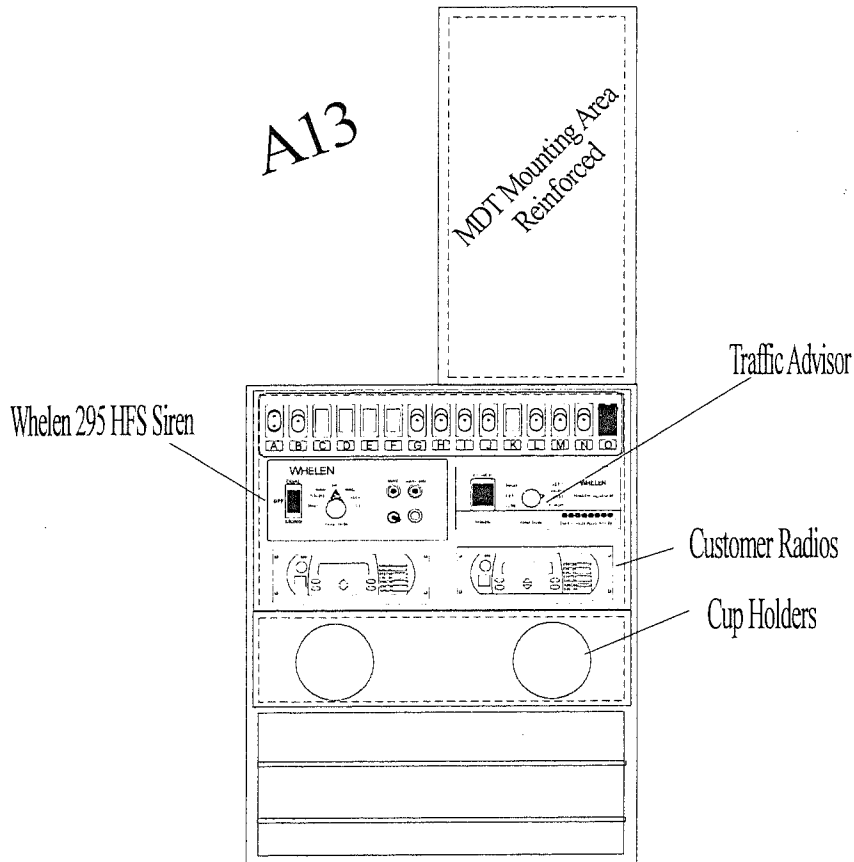
Exact console layout is to be determined at the pre-construction meeting
 All equipment is provided and available at Leader prior to meeting.

Mid Level Panel OEM Dash



- P- PARKING BRAKE (RED)
- Q- DOOR OPEN (RED)
- R- EMERGENCY START (RED)
- S- ALTERNATOR (RED)
- T- MASTER ON (GREEN)

Amp Meter
 Volt Meter



- Data Panel
- A- PRI - SEC
- B- HEAD LIGHT FLASHER
- C- BLANK
- D- BLANK
- E- BLANK
- F- BLANK
- G- BACK UP ALARM MOM. ON
- H- LEFT SCENE, WHITE LIT
- I - REAR SCENE, WHITE LIT
- J- RIGHT SCENE, WHITE LIT
- K- PATIENT DOME 3 WAY ON-ON
- L- PATIENT A/C 3 WAY ON-ON
- M-BLANK
- N- MODULE DISCONNECT (GREEN)
- O- EMERGENCY START, ON OFF

Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Cab Console.

DWN BY: SDLM.

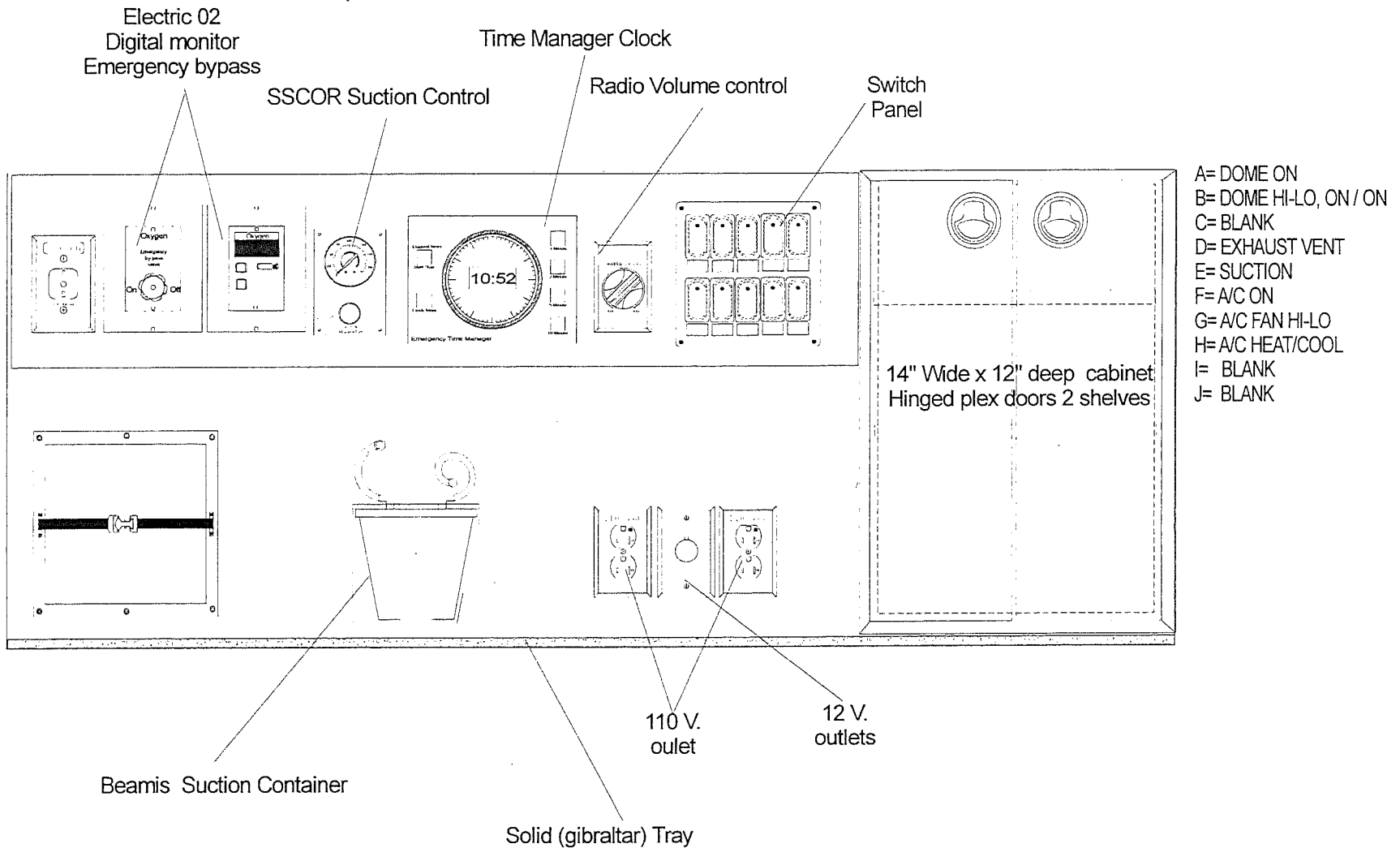
DATE: Sept. 12-2012

LE- #9



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Switch Panel

DWN BY: SDLM.

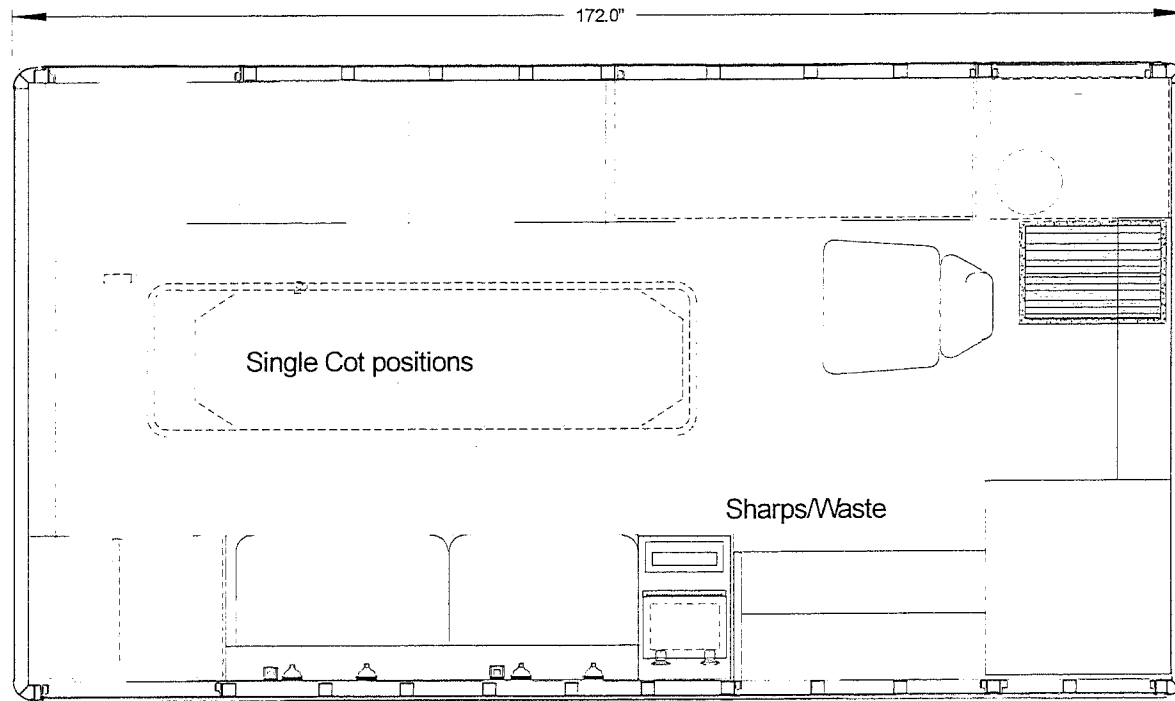
DATE: Sept. 12-2012

LE-#10



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Overhead Floor

DWN BY: SDLM.

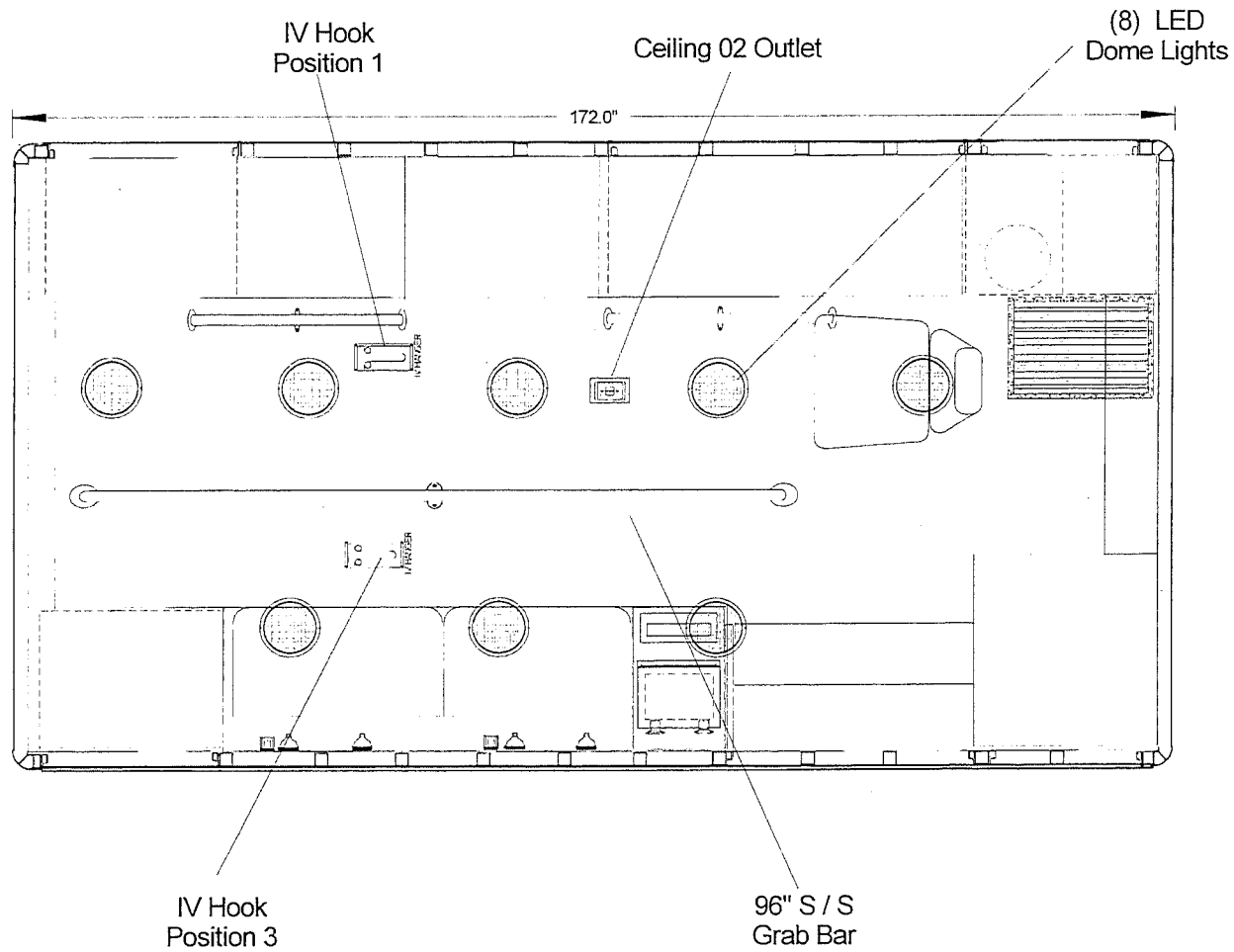
DATE: Sept. 12-2012

LE-#11



Newport Beach Fire Type I 108" CA

95" X 172" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Module Ceiling

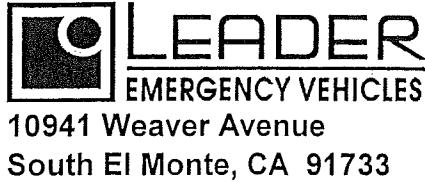
DWN BY: SDLM.

DATE: Sept. 12-2012

LE-#12



EXHIBIT “B”



Steve De La Montanya, Sales Representative
Mobile: (707) 529-7522
Fax: (707) 546-1070

QUOTATION

15-Nov-2013

Long Beach Fire Department
3205 Lakewood Blvd.
Long Beach, CA 90808

QUANTITY	TERMS COD	FOB FOB: South El Monte, CA	SHIP VIA Ground	Pricing	
QUANTITY	DESCRIPTION			EACH	EXTENDED AMOUNT
7				\$ 215,411.00	\$ 1,507,877.00
7				\$ (3,000.00)	\$ (21,000.00)
7				\$ (4,000.00)	\$ (12,000.00)
				Sub-Total	\$ 208,411.00
7				\$ 30,497.50	\$ 213,482.50
				Sub-Total	\$ 238,908.50
7				\$ 21,501.77	\$ 150,512.36
7				\$ -	\$ -
7				\$ 12.25	\$ 85.75
1				Included	
1				Included	
7				Included	
				TOTAL QUOTED AMOUNT	\$ 260,422.52

Estimated Delivery: 180 Days from receipt of chassis.

Customer Approval:

Payment: (Please check one)

Signature _____

Leasing

Company Check

Wire Transfer

Date _____


Purchaser agrees to defend, indemnify and hold Halcore Group Inc., dba Leader Industries, harmless from any claims, costs (including actual attorney's fees), damages and liabilities caused in whole or in part by any alteration or modification of, or changes or additions to these purchased products.

TERMS: All Vehicle Sales Are C.O.D.

Titles to be Processed Upon Receipt of Payment in Full.

THANK YOU FOR YOUR BUSINESS

Sales Quotation

 <p>Steve De La Montanya 143 Meadow Place Windsor, CA 95492</p>	<p>11/15/2013 707-546-1070</p>	<p style="text-align: right;"><i>Customer</i></p> <p>Long Beach Fire Department 3205 Lakewood Blvd. Long Beach, CA 90808 Scott Hart (562) 570-3355</p>	<p>L1212</p> <p><i>VIN Number</i></p> <p><i>Parent Job</i> 1212</p>
--	--------------------------------	---	--

10 - BASE SECTION

10.		
10.	1	Prep modular and misc
10.	52	(2013 Mid Year) LI96-169" Ford Type III w/ 72" headroom, (H) Base Conversion
10.	80	<p>SPECIAL:</p> <p>NAVISTAR TERRASTAR CHASSIS: 2014 108" CA 183" WHEELBASE 300 HP V8 DIESEL ALLISON 1,000 6 TRANSMISION WITH PARK. OEM AIR COMPRESSOR, AIR RIDE, AIR HORNS, HYDRAULIC DISC BRAKES, ALUMINUM WHEELS, CHROME HUB AND NUT COVERS FUEL TANK LOCATED REAR BETWEEN THE FRAME RAILS, RIGHT SIDE FILL. NOTE: 3 BATTERIES ATTACHED TO FRAME RAIL UNDER DRIVERS DOOR. DUAL OEM AIR SEATS, INNER ARM RESTS, WITH MAXIMUM RECLINE AVAILABLE. REFER TO PROVIDED CHASSIS SPEC.</p>

20 - PRE TAX

20.		
20.	1	Document Processing Fees
30.		

40 - COMPLIANCE

40.		
40.	2	<p>Customer supplied items to be INSTALLED: Note: Refer to option #934 & #1123</p>
40.	5	<p>Leader supplied items to be SHIPPED LOOSE: Note: See Option #841 PORTABLE SUCTION: 1- Laerdal compact suction unit. with portable carry bag.</p> <p>See Item #51.13 Spare tire</p>
40.	10	SPECIAL:



11/15/2013

Steve De La Montanya 707-546-1070
143 Meadow Place
Windsor, CA 95492

Long Beach Fire Department

Customer

L1212

3205 Lakewood Blvd.
Long Beach, CA 90808
Scott Hart

(562) 570-3355

VIN Number

Parent Job 1212

Itemnumber Description

RADIO INSTALL CONTRACT:

This amount will be quoted on the summary form only. \$32,542.00

911 Vehicle will be contracted to provide and install the radio, intercom communication system and MDT hardware in the unit.

Installation should occur during the unit assembly process to facilitate the integration of the systems without compromising the fit or finish of the completed unit.

Leader will provide the power sources and hardware mounting locations.

- 1 Motorola APX7000 VHF Single head, cable, speaker, mic
- 1 Motorola APX UHF/800M Hz Dual head, cable, speaker, mic
- 1 Panasonic Toughbook Model # CF-31
- 1 Panasonic Toughbook Port Replicator
- 1 Panasonic Toughbook Computer Mount
- 1 Sierra Wireless Modem (CS)
- 5 Antennas | Configuring / Connections / Metering

INTERCOM SYSTEM

- 1 911 Vehicle Dual Radio Intercom System
- 4 Dash Mounted PIT Switches
- 1 Patient Area Intercom Station
- 50 Beldon 8723 4-Conductor Shielded Cable per ft.
- 2 Mobile Radio Interfaces
- 3 911-0TH-R Over the Head Style Headset With SIG-5 Cord

POWER AND GROUND DISTRIBUTION

- 1 Main DIC Power and Ground Distribution
- 1 Battery Switched Relay
- 1 MISC. Parts and Materials

51 - CHASSIS ITEMS OPTIONS

51.

51. 10 SPECIAL:
CAB TO MODULE CRAWL THROUGH: #BA350000
(Included / HEV)

51. 11 SPECIAL:
Note: CURBSIDE EXHAUST:
Locate: the exhaust discharge curbside forward of the rear wheel.
NOTE: Ground clearance will be limited due to drop skirt.
(Included / HEV)

51. 12 SPECIAL:
CUSTOM SEATING:
Covered Air-100 suspension system,
4"/102 mm of vertical travel
Fore-aft adjustment offers 6"/152 mm of horizontal travel
Mechanical reclining back adjusts with single lever to 69°
Mechanical lumbar adjustment supplies additional lower-back support
Molded, high-density foam affords contoured lower-back support and reduces fatigue
Three-point seat belt and flip-up armrests

51. 14 SPECIAL:



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NAVISTAR OEM MIRRORS TO BE TRIMMED AND RESET.
OUTER MOST POINT NOT TO EXCEED 110" WIDE.
(Included / HEV)

- 51. 15 SPECIAL:
EXHAUST BRAKE: Order the chassis with the newly availalbe Exhaust Brake.
(Included / HEV)

60 - MODULAR BODY ITEMS - STANDARD

60.

- 60. 1 Modular Dimensions: 96" wide x 169" long x 72" Headroom
Note: Navistar Body, 108" Cab axle 96" x 173" body.
- 60. 2 The module body shall be constructed to provide a minimum fifteen (15) year warranty.
- 60. 3 Module body shall have an addition (5) year warranty when remounted by an approved remount facility.
- 60. 4 The corner post shall be extruded aluminum (6063-T5 alloy).
- 60. 5 The roof corners shall be extruded aluminum (6063-T6 alloy).
- 60. 6 The exterior wall and roof tubes shall be min (2) inch square with min .125 wall thickness, located on twelve (12) inch centers.
- 60. 7 In addition to the vertical wall supports there shall be a horizontal beam, located in the beltline area.
- 60. 8 Gusset supports shall be provided.
- 60. 9 The exterior body panels shall be 5052-H32 alloy.
- 60. 10 The thickness required for exterior body panels is:
-Side, front, and rear walls: .125
-Roof and Floor panels: .090
- 60. 11 Floors shall be aluminum beams covered by aluminum sheeting, then 3/4 inch plywood.
- 60. 12 All exterior aluminum body panels shall be attached to the structural supports via high performance polyurethane two sided tape.
- 60. 13 Each body panel shall be welded to horizontal frame members, roof extrusions, and vertical corner posts.
- 60. 14 The door skin and edges shall be formed from a single sheet of aluminum
- 60. 15 Outer Door panels are aluminum .125 aluminum.
- 60. 16 Each door shall include an internal extrusion for added reinforcement.
- 60. 17 An inner door pan shall fit flush with the inner edges of the door.



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60. 18	All module doors shall incorporate an extruded rubber seal located around the perimeter of the door.
60. 19	All doors shall have full-length stainless steel hinges.
60. 20	All doorjamb must incorporate an extrusion that is overlaid by the body skin.
60. 21	Side door and compartment doors shall have gas-filled hold opens. Rear doors shall have grabber style devices.
60. 22	The entire exterior handle assembly shall be Tri/Mark Series 2200 cast metal that is chrome plated and buffed to a high luster.
60. 23	All entrance doors shall be equipped with manual safety release latches at top and bottom of doors.
60. 24	Must have full seat travel in the cab. A minimum 6" recess shall be designed into the front bulk head wall of the module body to accomplish this. Note: N/A TYPE 1 CHASSIS WALK THROUGH CHASSIS MODIFICATION FOR NAVISTAR (Included / HEV)
60. 25	A minimum of (5) five Mounting platforms shall be attached along the chassis frame rail for a total of (10) ten.
60. 26	Each of the module body access doors shall include windows encased in aluminum frames and tinted in accordance with FMVSS.
60. 27	Stainless steel splash shields installed on the lower front face of the module body just aft of the cab access doors.
60. 28	Polished stainless steel fender flares installed around each wheel well opening.
60. 29	Polished stainless lower body rub rails installed on each side of the module body.
60. 30	The rear of the vehicle shall be equipped with a step/bumper assembly. The center section of the rear step bumper shall be constructed of aluminum grip strut and be hinged to assist in patient handling.
60. 31	Rear kick plate made out of polished aluminum Diamond plate
60. 32	(4) Aluminum diamond plate corner caps - 14" high
60. 33	Install heavy duty aluminum diamond plate running boards with attached splash shields Note: RUNNING BOARDS, DIAMOND PLATE W/ UNDERCAB CLOSEOUT, FOR TERRASTAR. #BH08DD00 Diamond plate running boards are to be installed on the chassis. Fabricate with star punched pattern. Boards are to include a diamondplate closeout beneath the cab in place of the OEM plastic closeout. (Included / HEV)
60. 34	Install individual rear mud flaps behind each wheel
60. 35	Drop Skirt, Curb side forward w/ (2) step entry



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61.

67 - EXTERIOR COMPARTMENTS - STANDARD

67.

67. 1 All exterior compartments will be constructed out of polished aluminum diamond plate

67. 2 STREETSIDE FRONT COMPARTMENT (M1)

Door Opening:

This area shall be accessed through a single outside hinged door.

The compartment shall house the vehicle's primary O2 cylinder.

Vertical track for mounting of a QRM-V O2 bottle mount shall be welded on the #2 wall of the compartment

The compartment shall be vented to the outside.

(see drawings for compartment sizes)

Note: CORRECTED STREETSIDE FRONT COMPARTMENT (#M1)

Compartment: 64.5" High x 22" Wide x 20.5" Deep

Clear opening: 64.0 High x 20" Wide

This compartment has a .250" thick sweep out floor.

Locate unistrut track on back, #2 wall, right corner to mount the standard Zico O2 hardware.

This area shall be accessed through a single outside hinged door.

67. 3 STREETSIDE INTERMEDIATE COMPARTMENT (M2)

This area shall be accessed through a pair of hinged doors

This compartment shall have (1) adjustable shelf

(see drawings for compartment sizes)

Note: CORRECTED STREETSIDE INTERMEDIATE COMPARTMENT (#2) Corrected dimensions for Navistar conversion with 12" raise selected below.

Compartment: 43" High x 55" Wide x 20.5" Deep.

Door Opening: 40" High x 52" Wide x 20.5" Deep.

Delete the standard Shelf.

Refer to options 68.21, 68.26

67. 4 STREETSIDE REAR COMPARTMENT (M3)

This area shall be accessed through a pair of hinged doors.

This compartment will house spare tire and changing tools.

(This compartment will have a 3" drop pan)

(see drawings for compartment sizes)

Note: COMPARTMENT (#3) Corrected dimensions for Navistar conversion with 24" raise selected below.

Compartment: 67.12" High x 37.5" Wide x 20.5" Deep.

Door Opening: 64" High x 32" Wide x 20.5" Deep.

Delete 3" Drop, install standard floor

Delete spare tire mounting. Ship loose

Refer to options 68.31, 68.34



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67. 5 CURBSIDE REAR COMPARTMENT (M4)
 This area shall be accessed through a single hinged door
 This compartment will house backboards on the left side, and stairchair on the lower right side. This compartment will have a vertical divider, w/ (2) adjustable shelves above stairchair location. NOTE: This compartment requires that the aluminum diamond plate door panel have a pocket for stairchair clearance. Supply (2) sets of velcro straps and footman loops.
 (see drawings for compartment sizes)
 Note: CORRECTED CURBSIDE REAR COMPARTMENT DIMENSIONS:
 Compartment: 83.75" High x 29.75" Wide x 20.5" Deep.
 Door Opening: 81" High x 25" Wide x 20.5" Deep.
 This compartment has a .250" sweep out floor.
 The interior layout of this compartment is being reconfigured.
 Refer to options 68.43 & 68.45 & 68.46

67. 6 CURBSIDE FORWARD COMPARTMENT (M5)
 The area shall be accessed through a single hinged door. The upper area shall also be accessible from the vehicle interior front ALS area.
 (see drawings for compartment sizes)
 Note: CORRECTED CURBSIDE FORWARD COMPARTMENT DIMENSIONS:
 Door Opening: 84" High x 22.8" Wide x 20.5"
 Refer to options

67. 7 CURBSIDE FRONT (LOWER) COMPARTMENT (M6)
 This compartment shall be accessed through a single hinged door. This compartment needs to be vented, it will house (3) batteries mounted in a slide-out tray.
 (see drawings for compartment sizes)
 Note: Space to be integrated into upper area and share the upper door access.

68 - EXTERIOR COMPARTMENTS - OPTIONS

68.

68. 5 SPECIAL:
 COMPARTMENT DOOR SILL PROTECTION: Install Stainless Steel protection plates on lower edges of specified compartments.
 Quantity: 5
 Streetside #1, #2, #3, Curbside #4, #5

68. 20 STREETSIDE INTERMEDIATE COMPARTMENT:

68. 21 Raise compartment 12" F.D version:
 Note: Compartment: 43" High x 55" Wide x 20.5" Deep.
 Door Opening: 40" High x 52" Wide x 20.5" Deep.

68. 26 SPECIAL:



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SCBA, TURNOUT STORAGE:

Install a vertical pair of unitstrut tracks in each of the upper rear corners of this compartment.
Install Two 14" W X 24" Tall X .250" Thick, Brushed Aluminum plates in the outer corners of the compartment.

Locate: 4" down from the top of the compartment.

Install four (4) hooks for storage of turn out gear and other equipment in the intermediate compartment.

Locate: Two (2) on the mid portion of the upper back wall of the intermediate compartment for turn out storage.

Locate: One (1) on each side wall for equipment storage

Install two, (2) mounts for Fire Axe s with protective scabbard, at locations to be determined at the Pre-construction meeting.

Refer to the provided prints.

68.	30	STREETSIDE MOST REARWARD COMPARTMENT:
68.	31	Raise compartment 36.5" F.D version Note: Raise the compartment 24" Compartment: 67.12" High x 37.5" Wide x 20.5" Deep. Door Opening: 64" High x 32" Wide x 20.5" Deep.
68.	34	Add an adjustable shelf Note: Quantity: 2 Locate: Distribute
68.	40	CURBSIDE MOST REARWARD COMPARTMENT:
68.	43	Add an adjustable shelf Note: Quantity (3): One (1) optional, Two (2) standard. NOTE: All (3) shelves to be fabricated with out a lip on the front edge. Locate: Install between the two verticle dividers. The Top shelf is to be 40" above floor level. Distribute the remaining (2) shelves below.
68.	45	Add a fixed vertical divider. Note: (1) Additional Fixed Verticle Divider: Locate the first divider 10" left of the right compartment wall, Locate the second divider 8" left of the first divider.
68.	46	SPECIAL: Add a fixed shelf 40"above the floor to the right of the fixed divider above the stair chair position. A medical inset cabinet will extend into the space above this shelf.
69 - CHASSIS - MODULAR MODIFICATIONS @ LEADER - STANDARD		
69.		
69.	1	All exterior compartments shall have black rubber matting on compartment bottoms and shelves
69.	2	Interior Lighting in all exterior compartments, including adjustable shelves (Total 8) Note: See Item # 720



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- 69. 3 Aluminum Drip rails - over exterior compartments and rear access doors

- 69. 4 Recessed license plate holder (Cast Product) w/ LED light (See Print for Location)

- 69. 5 Install Leader emblems on rear mud flaps (2)
Note: Delete the Leader logos on the Mud Flaps.

- 69. 6 All patient compartment entry doors shall have red reflectors in the lower corner (interior)

- 69. 7 Exterior of modular shall have rectangular reflectors, amber in the lower corners in front, red in lower corners in rear

- 69. 8 Power activated door locks installed on patient compartment access doors, activated by cab (OEM) door lock switches, and patient comp. access door lock switches - mounted in bezels

- 69. 9 Stainless steel DOT approved wheel inserts shall be installed on all four outside wheels of the chassis.
Note: Aluminum Wheels (Included / HEV)

- 69. 10 Stainless steel filler extensions will be installed on rear wheels.

- 69. 11 Install (2) tow hooks under rear of vehicle, attach to bumper frame

- 69. 12 Undercoat.

- 69. 13 Install Fixed windows in the (2) rear patient access doors, and (1) sliding window in side access door. All (3) windows shall feature a dark privacy tint
Note: See Item #70.1

- 69. 14 Install Leader Step/Bumper Assembly, The center section shall be hinged to assist in patient loading

70 - CHASSIS - MODULAR MODIFICATIONS @ LEADER - OPTIONS

70.

- 70. 1 SPECIAL:
SLIDING WINDOWS:
Install Sliding Windows in the (2) rear patient access doors ILOS, Both windows shall feature a dark privacy tint

200 - INTERIOR CABINETS - STANDARD

A.

- A. 1 Streetside lower cabinet, exterior Stainless Steel riser, CPR section w/ storage below w/ hinged lid & hold open gas strut w/ FlexDraw hold down latch, w/ Gibraltar counter top
Note: See Item #220



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- A. 2 Streetside upper rear cabinet, upper exhaust vent, upper compartment for (3) latex glove boxes, (1) hand sanitizer dispenser, (1) paper towel dispenser, (1) trash bag dispenser, (1) EME bag dispenser, w/ hinged (smoke) plexiglass door w/ plastic 'D' ring latch, Mid-section to house (1) sharps container, (1) trash compartment, w/ hinged (Red) plexiglass doors w/ aluminum handle. Misc storage behind trash-sharps w/ hinged (Smoke) plexiglass door, w/ plastic 'D' ring latch. Lower storage will house (optional) portable oxygen bracket (2) "D" sizes only, and linen storage w/ hinged aluminum door, non locking trigger latch. Cabinet includes hand sanitizer soap, paper towels, trash bags, EME bags, trash container, sharps container.
Note: See Item #221

- A. 3 Streetside storage cabinet, (1) upper and (1) lower storage area w/ sliding polycarbonate doors, w/ adjustable shelf in upper cabinet. Center section open w/ Gibraltar countertop
Note: See Item #222

- A. 4 Streetside action wall cabinet, (1) upper storage area w/ sliding polycarbonate doors, (1) adjustable shelf, (1) locking drug compartment w/ hinged door and 7/8" lock.
Note: See Item #223

- A. 5 Streetside CPR rear wall & hinged backrest w/ stainless steel tray

- A. 6 Streetside bulkhead cabinet & wall with upper A/C removable panel, and opening for oxygen access with hinged plexiglass door. Cabinet split, upper section w/ hinged wood door w/ non locking latch and (1) adjustable shelf, lower section w/ hinged wood door w/ locking latch, w/ vent (Inverter comp.). Top of cabinet to have Gibraltar countertop

- A. 7 Bulkhead overhead electrical storage cabinet, (1) hinged wood door w/ locking latch

- A. 8 Partition door, sliding (clear) plexiglass window, hinge door on passenger side, door will swing into module

- A. 9 Curbside bulkhead cabinet ALS w/ exterior access, split cabinet, upper section w/ (2) hinged 3/8" smoke polycarbonate doors w/ plastic "D" ring latches, (1) adjustable shelf w/ aluminum lip. Lower section w/ (2) hinged wood doors w/ locking latches, (1) adjustable shelf w/ aluminum lip
Note: See Item #224

- A. 10 Curbside squad bench, exterior Stainless Steel riser, (2) hinged lids w/ hold open gas struts and Southco rubber "FlexDraw" hold down latches, (4) retractable seat belts, (2) for attendants, and (2) for patient. Top drop trash and sharps container @ head end of squad bench. (Trash & sharps container included).
Note: See Items #225, #226

- A. 11 Cabinet over squad bench, divided into two sections w/ hinged (flip up) 3/8" polycarbonate doors w/ plastic "D" ring latches
Note: See Items # 231

- A. 12 Center Console, (2) vents, lid to be split - upper section removable, lower section removable. Upper section to house siren, switches, meters, etc. Lower section to house two-way radios. Directly behind console is a separate removable map box w/ adjustable polycarbonate dividers, w/ (2) cup holders
Note: See Item #230

- A. 13 Action wall panel, exterior laminate carbon fiber, cut outs for O2 outlets, Time Manager, 110V, 12V, volume control outlets

- A. 14 Gibraltar "Liquid Stop" mounted on floor in walkthrough, between cab & modular
Note: N/A Terrastar Type 1 Walk through opening.

- A. 15 Modular headliner to be 1/4" MDF, laminated with White Formica, Matte Finish

- A. 16 Misc. Wood Material - (3) Seat Cushions, (4) Back rests, (3) CPR head bumpers, (2) CPR side bumpers, Curbside wall, head bumpers, fillers, wood sub-floor, A/C Styrene Board



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200 - INTERIOR CABINETS - OPTIONS

A. 200

A. 219 Supply restocking frame on upper overhead cabinet (priced per cabinet)

Note: Quantity: 4
Locate: Upper A2, A3, and A4 cabinets over the attendant area.
See Item # 221, 222, 223

A. 220 SPECIAL:

Storage area with sliding polycarbonate doors below action wall has been deleted due to the raised intermediate compartment.

A. 221 SPECIAL:

CUSTOM A2 CABINET:
A2 Upper standard will be deleted.
ADD Custom A2 upper rear storage cabinet w/ sliding polycarbonate doors and 12 Adjustable dividers, upper exhaust vent.
Refer to option 219 selected above.
A2 Mid level cabinets deleted to accomodate raised exterior compartment.
A2 Lower level cabinets deleted to accomodate raised exterior compartment.
ADD: Interior surface of A2 mid and A2 lower area to be finished as White Board writing surface
Refer to prints.

A. 222 SPECIAL:

CUSTOM A3 CABINETS:
A3 Upper standard will be deleted.
ADD CUSTOM A3 UPPER: A3 Upper Streetside storage cabinet, (1) storage area w/ sliding polycarbonate doors, and w/ one fixed shelf centered in the in upper cabinet.
Install 6 adjustable dividers above and 6 adjustable dividers below the fixed shelf.
Refer to option 219 selected above.

ADD CUSTOM A3 CENTER SECTION: A3 - To have a 5" deep removable top access IV Supply Storage Tray Tote Box with dividers and lid. Mounted to top surface of counter top.
Tote Box 22 1/2" X 17" X 5" - Global Industrial:
(6) WZ772166
(6) WZ772106
(6) WZ772188
(6) WZ772128
(1) WZ772038
(1) WZ772082
(1) WZ772084

Standard A3 Lower area with bottom hinged plexiglas door w/ locking chrome "D" ring latch.

A. 223 SPECIAL:



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Note: CUSTOM A4 Streetside action wall cabinets,
Two (2) upper storage areas w/ sliding polycarbonate doors, (1) fixed center mounted shelf in each section.
Install adjustable plexiglas dividers above and below the fixed shelves. Note: Include 20 dividers, 10 per side.

One (1) Full height X 14" wide X 12" deep Mid level inset cabinet w/ (2) adjustable shelves, and (2) hinged 3/8" plexiglass doors with Chrome "D" ring latches. located at the forward end of the attendant counter.

Stainless Steel Action area surround. (side and back wall).

Note: Refer to options A.219

A. 224 SPECIAL:

CUSTOM A9 CABINET:

Curbside bulkhead cabinet ALS w/ exterior access, split cabinet.
Upper section with interior access only for secure portable 02 "D" cylinder storage w/ (1) Bottom hinged .125" Laminated Aluminum door w/Chrome Steel "D" ring latch.
Refer to option 840 for custom 02 cylinder holders.
Lower section, open to the interior and exterior with (3) adjustable shelves.
Shelves to be formed from .125" brushed Aluminum W/1/2" lips.
Lips to have black rubber grip lock installed on the edges and have black Dry Deck on the horizontal surfaces.

Note: The module floor is not to extend into this cabinet.

A. 225 SPECIAL:

CUSTOM A10 CABINET: Curbside squad bench, exterior Stainless Steel riser, (2) hinged lids w/ hold open gas struts and Southco rubber " FlexDraw " hold down latches, (4) retractable seat belts, (2) for attendants, and (2) for patient.

Top drop trash/sharps, with 5" deep removable top access IV Supply Storage Tray Tote Box with dividers and lid @ head end of squad bench.

Tote Box 16" X 11" X 5" - Global Industrial:

- (6) WZ772166
- (6) WZ772106
- (1) WZ772016
- (6) WZ772188
- (6) WZ772128
- (1) WZ772082
- (1) WZ772084

The Trash/Sharps will have hinged Red Plex access door, the the trash and sharps will have a hole for easy drop through of refuse into the container.

A. 226 SPECIAL:

CUSTOM A14 BENCH RESTRAINT:

A custom bench restraint famed with 4" thick aluminum tubing will be installed at the head of the bench. The restraint will be finished in Formica and Vinyl pads to match the interior of the unit. The restraint will accommodate a Zoll X series monitor with bags dimensions approximate 17" x 9" x 9 1/2" on a spring loaded folding shelf w/ (2) hold down straps recessed into the area above the Sharps/Trash receptacles.

Note: The shelf is to be self closing and fold up into the recess when the monitor is not in place.

Note: The bench must be able to accommodate a 72" back board.



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A. 227 SPECIAL:
 CUSTOM A12 CABINET: ANGLED HOUSING FOR BENCH ELECTRICAL PANEL REFER TO OPTION 632.
 An angled housing shall be installed just below the forward portion of the bench ceiling cabinet. The housing shall provide an installation location for a relocated rear electrical control panel, the restock timer and an O2 outlet.
 Cabinet face will be laminated with carbon fiber material

A. 228 SPECIAL:
 CUSTOM CABINET CURBSIDE FOOT END OF BENCH:
 A 10" deep medical supply cabinet will be constructed flush into the wall above the foot end of the squad bench and above the exterior compartment stair chair storage. The bottom of the inset med cabinet will be 42" above the floor of the exterior compartment.
 Interior laminate white, four (4) adjustable shelves, hinged polycarbonate doors with Chrome Steel "D" ring latches. (See drawings).
 The exterior will be clad in bright diamond plate to match the exterior compartment interior.

A. 229 SPECIAL:
 CUSTOM A 15 CABINET:
 Latex glove storage compartment above curbside access doors plywood construction with laminate and padded vinyl finish, to accommodate (3) latex glove boxes. Hinged (flip up) 3/8" polycarbonate door w/ (2) chrome two-way catches.

A. 230 SPECIAL:
 CONSOLE FOR NAVISTAR TERRASTAR:
 Switches will be located in the front console along the leading edge of the main console section.
 Meters will be located in the OEM Cab Dash.
 The Unitrol Siren control will be located in the forward portion of the main console.

 A closed storage space with a hinged aluminum door (Grey laminate finish) and 7/8"key lock will be located at the rear portion of the forward extension.

 Two (2) Cup holders, with an open storage pocket between them will be installed at the forward end of the console extension.
 Map storage with adjustable dividers will be located in the balance of the space available. Refer to Prints.

 Note: Refer to options, 40.10 & 721 for MDT mount to be installed. Reinforce passenger side to accept specified MDT mount.

A. 231 SPECIAL:
 CUSTOM CABINET BIN STORAGE:
 Install a fixed center divider in each section.
 Add a 2" tall front retention lip.
 Fabricate from 1/2"thick polycarbonate material with rounded top edge.

300 - INTERIOR TRIM AND COLOR - STANDARD

B.

B. 1 Floor color/material - (Coved), Anti-Microbial, UV Protected, Lonseal - Loncoin II Flecks, #150UV Onyx.

B. 2 Headbumpers/Fillers upholstery color/material - Sierra Light Grey TL-2000 w/ 1/4" closed cell foam.



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- B. 3 Laminate color, exterior upper matte, Light Gray - D 355 / interior compartments White matte.
- B. 4 Laminate color, exterior lower matte, Light Grey - D 355. Action wall panel laminated in Carbon Fiber
- B. 5 Polycarbonate color .240, tinted
- B. 6 (3) Seat Cushions, (3) Back Rests, (2) Head Rests, (2) CPR Side Bumpers, (3) CPR Head Bumpers - "Water Fall" style, 2" foam, velcro fasteners.
- B. 7 Attendant Seat High-Back, 6 degree, 3 point seat belt, vacuum formed w/ swivel base, Dove Grey in color.
Note: See Item #313
- B. 8 Counter Top Color, Platinum - Gibraltar Material
- B. 9 Door panels are to be aluminum covered with D355 Light Gray laminate, w/ stainless steel @ bottom of panels
- B. 10 Polycarbonate sliding doors, retain handles on doors and provide holes for cable ties.
- B. 11 The patient area of the vehicle shall be insulated w/ 2" Owens Corning Quiet R, glass fibers, fire resistant, fungi & bacteria resistance, for both thermal and acoustic insulation

300 - INTERIOR TRIM AND COLOR - OPTIONS

- B. 300
- B. 313 Attendant seat 6 degree high back with built in child seat. ILOS, NOTE: This is not available in vacuum form, will be "Sewn"
- B. 320 SPECIAL:
INTERIOR CHROME LATCHES:
Delete standard Black Plastic D ring pull latches
Replace with Chrome Steel D ring latches when a pull latch is required.

400 - WARNING DEVICES - STANDARD

- C.
- C. 1 Lightbar All LED, Front module mount, Code III (XP9588-ALRC-102) 88" long, Red LED's (1) Steady Red LED, (2) White LED's with all Clear forward facing lenses, and Red top lenses
Note: See Item # 450
- C. 2 Warning lights, rear of vehicle, upper outboard corners, (2) Code 3 (85BZR) LED (Red) w/ chrome flange
Note: See Item #451
- C. 3 Warning lights (4) total, (2) per side, Code 3 (85BZR) LED (Red) w/ Chrome Flange
Note: See Item #415
- C. 4 Warning light, front grille, (2) Code 3 (LXEX1F-R) LED (Red) w/ polished aluminum housings
Note: See Item #452
- C. 5 Warning lights, Rear of Vehicle, window level, (2) code 3 (85BZR) LED (Amber) w/ chrome flange
Note: See Item #453
- C. 6 Intersection lights, front fenders, (2) Code 3 (45BZR) LED (Red) w/ chrome flange



11/15/2013

Customer

L1212

Steve De La Montanya 707-546-1070
143 Meadow Place
Windsor, CA 95492

Long Beach Fire Department

3205 Lakewood Blvd.
Long Beach, CA 90808
Scott Hart

(562) 570-3355

VIN Number

Parent Job 1212

Itemnumber Description

Note: See Item #433

C. 7 Headlight flasher, Leader solid state, electronic, console switch.

C. 8 Siren speaker, Cast Products under bumper mount, (2) 100 watt drivers.

Note: See Item #454

C. 9 Scene lights, (4) total, (2) per side Code 3 (88Z26) Halogen (Clear) w/ chrome flange

Note: See Item #447

C. 10 Scene lights, rear, (2) Code 3 (41Z26) Halogen (Clear) w/ chrome flange

Note: See Item #448

C. 11 Front, rear and side FMVSS LED marker lights:

Front; (5) Amber lights

Sides; (1) Amber (forward) and (1) Red (rearward) lights on both module sides.

Rear; (5) Red lights in upper corners and above doors module rear.

C. 12 Back-up, turn and brake lights, Code III LED w/chrome flanges shall be as follows:

(2) Code III (65STBZA) LED (Amber) w/ arrow turn signal - outboard on diamond plate.

(2) Code III (65STBZR) LED (Red) stop/tail - inboard on diamond plate.

(2) Code III (65BZRV) LED (Clear) back-up - above diamond plate.

Note: See Items #435, 436, 437

C. 13 Brake light, rear upper center, (MANDATORY), Code 3 (45BZR) LED (Red) w/ chrome flange.

Note: See Item #434

C. 14 Back-up alarm, rear mounted, 97 decibel with auto reset, console defeat switch

C. 15 Warning light flasher (2) Vanner #3250 GCPE

400 - WARNING DEVICES - OPTIONS

C. 400

C. 410 Intersection lights, rear body, (2) Whelen 700, SUPER LED, Red, with chrome flanges.

Note: RED Lenses

C. 415 Warning lights ILOS, (4) Total, (2) per side, Whelen 900, SUPER LED, Red, Chrome flanges included.

Note: RED Lenses

C. 433 Intersection lights, front fenders, (2) Whelen 700, SUPER LED, Red, flashing, with chrome flanges.

Note: RED Lenses

C. 434 Brake light, ILOS, convert high center brake light to Whelen 700 LED Red. (FORD ONLY)

Note: RED Lenses

C. 435 Convert lower brake lights to Whelen 600 series red LED.

C. 436 Convert lower turn signals to Whelen 600 series Amber turn w/arrow, LED

C. 437 Convert lower back-up lights to Whelen 600 series LED, MIN/CLEAR

C. 447 Scene Lights ILOS, (4) total (2) per side, Whelen 900 series SUPER LED - 24 diode #90COENZR

C. 448 Scene Lights ILOS, (2) rear, Whelen 700 series SUPER LED - 12 diode #70COELZR



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C. 450 SPECIAL:

FRONT LIGHT BAR: Whelen 4500 Series, W/8, 400 Super LED sections, 88.00 inch long, w/ DOT Marker lights.

The light bar shall include Six (6) Red LED lights and two (2) White LED Lights with Clear lenses and a GTT low-profile LED emitter in the center section of the light bar.

The Two (2) center lights shall be steady burning Reds.

F F F SB / GTT \ SB F F F

Corner RED/RED/White/ RED /Opticom\RED\White\RED\Corner RED

Note: Colored lenses

The emitter shall be wired "ON" with the Primary warning Light switch and shall disengage when the vehicle is place in "PARK" or "NEUTRAL".

There shall be a separate Opticom on/off switch (option #522) installed on the front switch panel.

Refer to Whelen Print

C. 451 SPECIAL:

Warning lights, rear of vehicle, upper outboard corners, (2) Whelen 900 Super LED (Red), w/ Chrome flange.

Note: RED Lenses

C. 452 SPECIAL:

Warning light, front grille, (2) Whelen 700 series) LED (Red) w/ polished aluminum housings for (Terrastar Chassis)

Note: RED lenses

C. 453 SPECIAL:

Warning lights, Rear of Vehicle, window level, (2) Whelen 900 Super LED (Amber), Amber Lens, w/ Chrome flange.

Note: Amber lenses

C. 454 SPECIAL:

Siren Speakers ILOS, (2) Cast Products 100 watt siren speakers, recessed thru front OEM bumper (outboard section). (Polished Aluminum Finish)

NAVISTAR TERRASTAR CHASSIS

C. 455 SPECIAL:

ENTRY DOOR MARKER LIGHTS: Install Whelen flashing door marker lights.

Quantity: Six (6). Two (2) per module entry door.

Configure to come on when the door is opened.

Refer to prints.

C. 456 SPECIAL:

UNITROL SIREN: Supply and install a unitrol UTM -4 Siren

Siren electronic , Unitrol UTM -4, single amp with slide switch, 100 watt, PA mic, flush mount bezel, horn ring control.

Note: Leader does not recommend this siren because of quality issues.

Configure: Slide Bar function as follows.

Number 1 setting is rear code three lights

Number 2 setting is rear code three light and front grill solid red.

Number 3 setting is all code three.

500 - ELECTRICAL CONTROL CENTER - STANDARD

D.



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VIN Number

Parent Job 1212

Itemnumber Description

D. 1	Bulkhead electrical storage cabinet components, fuse bar, fuse bar bracket, terminal blocks
D. 2	Electrical Switch Panel, Front Console, Santex (Black), back lit w/ blank legends Note: See Item #520
D. 3	Siren electronic, center console mounted, Whelen 295SLSA-1 CA spec, (hi-lo deleted) 100-watt w/mic, hands free, horn ring control, flush mounting bezel. Note: See Item #456
D. 4	Voltage meter analog, center console mounted, TST 0-18 volts. Note: Locate: OEM center dash
D. 5	Amperage meter analog, center console mounted, TST with remote induction sensor - no shunt. Note: Locate: OEM center dash
D. 6	Hour meter OEM, included in instrument cluster.
D. 7	Indicator lamp Green, MASTER ON, C.H. LED pilot light. Note: Locate: OEM center dash
D. 8	Indicator lamp Red, EMERG START, C.H. LED pilot light. Note: Locate: OEM center dash
D. 9	Indicator lamp Red, DOOR OPEN, C.H. LED pilot light, includes all (9) door switches for exterior compartments and patient access doors. Note: Locate: OEM center dash
D. 10	Indicator lamp Red, ALTERNATOR, C.H. LED pilot light. Note: Locate: OEM center dash
D. 11	Indicator lamp Red, PARKING BRAKE, C.H. LED pilot light, w/ buzzer. Note: Locate: OEM center dash
D. 12	Switch, PRI. SEC. CH LED, lit Red/Amber, center off, primary controls all emergency lights, secondary controls rear Amber warning lights only. Note: See Item #456
D. 13	Switch, HEADLIGHT FLASHER, C.H. LED, lit White.
D. 14	Switch, BACK-UP ALARM, C.H., non-lit momentary.
D. 15	Switch, LEFT FLOOD, C.H. LED, lit White.
D. 16	Switch, REAR FLOOD, C.H. LED, lit White.
D. 17	Switch, RIGHT FLOOD, C.H. LED, lit White.
D. 18	Switch, PATIENT DOME, 3-way, C.H. LED, lit Amber.
D. 19	Switch, PATIENT HEAT/AC, 3-way, C.H. LED, lit Blue.
D. 20	Switch, MODULE DISCONNECT, C.H. LED, lit Green.
D. 21	Switch, EMERGENCY START, momentary toggle w/switch guard, non-lit
D. 22	Map light 12" Federal, console mounted



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Itemnumber Description

D. 23 100,000 CP Spot light, black rubber, halogen Clear, hard wired. (clip supplied loose)

500 - ELECTRICAL CONTROL CENTER - OPTIONS

D. 500

D. 511 12 Volt wiring, pair. Positive - Negative, terminate behind driver seat w / 3 feet of coil.

Note: Quantity (3)

These will be used for Portable Radios, Flashlights, use 12 gage wire w/ 10 amp circuit breakers.

Locate: (1) one set behind the driver seat.

Locate: (1) one set behind the passenger seat.

Locate: (1) one set in the streetside Intermediate compartment.

Configure: Wire continuously Hot.

NOTE: Label all wiring as AUXILARY POWER

D. 520 SPECIAL:

Additional panel required for Terrastar chassis, located on OEM dash, panel for amp & volt meter, and indicator lights. Refer to print.

D. 521 SPECIAL:

AUXILARY RADIO POWER IN ADDITION TO STANDARD: Positive - Negative - Ignition, with terminal strip.

Note: Quantity Four (4)

These will be used for Two-Way Radio Power, 10 gage wire with 20 amp circuit breakers.

Locate: 1 in the front console.

Locate: 1 bulkhead wall behind the cab drivers seat.

Locate 1 bulkhead wall behind the cab passenger seat.

Locate: 1 behind the rear attendant panel.

Label all wiring as RADIO POWER

D. 522 SPECIAL:

OPTICOM ON/OFF SWITCH:

Add an ON/OFF SWITCH in the "C" position in front center console.

Note: The Opticom is to activate in the primary code 3 mode.

The switch will manually activate the Opticom and provide the ability to operate the Opticom at any time.

D. 523 SPECIAL:

GPS SYSTEM: Provide and install a Garmin Nuvi 2595LMT

5" Wide Touchscreen GPS

Preloaded Maps - North America

Battery Life: Up to 2.5 Hours per Charge

Includes Lifetime Map Updates

Lifetime Traffic Updates(3D Traffic)

Wireles Bluetooth enabled for hands free phone calls

!!!Exact location to be determined at Pre-construction meeting!!!

D. 524 SPECIAL:

BLUE TOOTH HANDS FREE SYSTEM:

PARROT CK3100 LCD

Bluetooth hands free car kit with LCD display

600 - ELECTRICAL PATIENT COMPARTMENT - STANDARD



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VIN Number

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Itemnumber Description

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E.

E. 1	Dome lamps, ceiling, Eight (8) flush mount halogen two-stage, Clear lenses, door jamb switch-activated (high intensity) and switch panel-activated (high-low) Note: See Item #630
E. 2	Electrical outlet 12 volt, (2) , rear action wall, and ALS cabinet, cigarette style.
E. 3	Electrical outlet (2) 120V, ALS cabinet, action wall, with pilot lights, mounted on grey plastic housings, wired to shore power.
E. 4	Switch plate rear, (10) position Black Santex (switch plate only) back lit, (includes blank legends) Note: Refer to item #632 & A227, Relocate to the curbside angled cabinet.
E. 5	Switch, DOME, 3-way, C.H. LED, lit Amber.
E. 6	Switch, DOME HI-LO, C.H. (non lit)
E. 7	Switch, ELECT SUCTION, C.H.LED, lit Amber. Note: See Item #632
E. 8	Switch, EXHAUST, C.H. LED, lit Amber.
E. 9	Switch, PATIENT HEAT A/C, 3-way, C.H. LED, lit Blue.
E. 10	Switch, A/C, FAN HI-LO, C.H. (non-lit)
E. 11	Switch, A/C, HEAT-COOL, C.H. (non-lit)
E. 12	Switch, COMPARTMENT LIGHTS, C.H. LED, lit White Note: See Item #632
E. 13	Switch defeat, PATIENT DOME, side and rear door, C.H. (not lit)
E. 14	Switch defeat, RIGHT FLOOD, C.H. (non-lit)
E. 15	Switch defeat, REAR FLOOD, C.H. (non lit)
E. 16	Switch plate, (Defeat Switches) (2) position Black Santex.
E. 17	Radio rear volume control for AM/FM, action wall area See print for location.
E. 18	AM-FM Speakers (2) above rear access doors in patient compartment
E. 19	Shore power, 120V, 15 amp, behind driver door, Hubbell cast cover, wired to 110V outlets in patient compartment. Note: See Item #refer to option 634
E. 20	Restocking light time, squad bench wall @ head end, five minute, controls (4) dome lights over cot (high intensity) Note: See Item #227
E. 21	Clock, Emergency Time Manager, mounted in action wall panel, chimes.



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Itemnumber Description

E. 22 Interior cabinet lighting, LED disc lights in compartments, action wall panel, and ALS cabinet to have LED strip lighting, both activated w/ switch in action wall
Note: See Item #632

E. 23 Step Well Light LED, located in side door step well, door switch activated, (Grote)

E. 24 Inverter Pre-Wire, Includes 12 volt Pos-Neg with Anderson quick disconnect connector, terminating inside inverter compartment. (Does not include remote panel or rocker switch)

600 - ELECTRICAL PATIENT COMPARTMENT - OPTIONS

E. 600

E. 619 Rear view Camera system, (1) camera (VOYAGER - VCCS130 KIT) with rear view mirror mounted color monitor (BOYO-VTM600).
Note: Order with rear view mirror (chassis does not come with mirror)

E. 630 Dome lights ILOS, (8) Keniquip LED White

E. 632 SPECIAL:
OPTIONAL ATTENDANT AREA SWITCHING:
The main panel has been relocated curbside.
Install a 4 switch panel in the standard switch panel location.

Switch, COMPARTMENT LIGHTING
Switch, ELECTRIC 02
Switch, ELECT SUCTION, C.H.LED, lit Amber.
Switch, Spare

E. 633 SPECIAL:
LARGE FORMAT DIGITAL CLOCK:
Leader Style: "SkyScan" Atomic Clock.
Locate: Center over the Rear Doors.

E. 634 SPECIAL:
BATTERY CHARGER: Newmar/Kusmaul 20 amp Charger, W/ Charge monitor #091-170-12-IND, will require a rubber gasket for charge monitor #091-39-109
Locate: Charger In the bottom of the Street side Bulkhead Cabinet.
Locate: Charge Monitor above exterior shore inlet.

E. 635 SPECIAL:
AIR RIDE DUMP SWITHES:
Auto Dump Feature: Install a door switch in the rear left (driver side) door jam to activate the Air Dump system (requires kneel module).
Manual Dump Feature: Install a Rocker on the rear left inner door panel to activate the Air Dump system.

700 - ELECTRICAL AND MECHANICAL - STANDARD

F.

F. 1 Air conditioning/heater, driver compartment switching control dash, Ford OEM, w/ prep for rear air.
Note: Navistar OEM. Includes dual compressors, one for cab and one for conversion.

F. 2 Air conditioning/heater, patient compartment, ducted central air, with intake vent, and (6) A/C round louvers.



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Itemnumber Description

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F. 3	Air conditioning hose, shielded low loss, wedged on fittings, R134 (included w/ F2)
F. 4	Heater hose, Nomex, Ford QVM (included w/ F2)
F. 5	Quad system, back-up emergency start, redundant battery system wiring and electrical components. Center console mounted LED Red lamp to indicate system activation. Includes (2) additional 65 series batteries located in battery box. Note: Tri start system, (2) Primary Batteries, and (1) Emergency Boost Battery. Batteries located under Streetside Cab Door.
F. 6	Shut Down Timer, with 5 min. delay activated via ignition switch.
F. 7	Wiring loom, Leader fabricated, hi temp SXL, color coded, number coded and function labeled, with split loom wire protection
F. 8	Antenna wiring (2) RG58A/U coax, roof location # 1 & 2 with Stainless Steel (Interior) access plates, terminate in cab, inside center console. Note: Delete
F. 9	Two-way radio power, Pos - Neg, Terminate inside center console w/ 3' of coil
F. 10	Power Exhaust vent, left rear, Cast Products exterior cover, interior louver round
F. 11	Remote door lock release, front grille. NOTE: Installation of Remote Door Lock Switch feature may increase the likelihood of unauthorized entry into vehicle. With this feature, purchaser further agrees to hold Leader Ind. or chassis manufacturer harmless for any loss of vehicle or contents caused by unlawful access. (Customer has the option to Delete this feature)
F. 12	Reverse activated (rear) loading lights
F. 13	Auto Throttle (Gas Engine), In-Power #ETM52QVM-2 (Ford QVM Approved) Note: Navistar Idle control

700 - ELECTRICAL AND MECHANICAL - OPTIONS

F. 700	
F. 701	Air conditioning auxiliary condenser, (single fan), not Leader approved - manufacture warranty only. Located underbody rearward of battery box. Note: Required on Navistar
F. 711	Power door locks for exterior compartment doors. (Except Battery Compartment door).
F. 720	SPECIAL: LED COMPARTMENT LIGHTING: LED Rope light installed on the left and right side of each compartment door opening.
F. 721	SPECIAL: RADIO, MDT, INTERCOM INSTALL: Refer to option 40.10 Radio, MDT, Intercom install by 911 Communication. Leader will need to provide holes and raceways for antenna leads a harnesses.



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VIN Number

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Itemnumber Description

F. 722 SPECIAL:

FLASHLIGHTS: Provide Two (2) Black Pelican 9410 flashlights with 12V vehicle chargers.
Install in streetside intermediate compartment, refer to option #511 for power.

800 - OXYGEN SYSTEM - STANDARD

G.

G. 1 Aspirator, action wall area, SSCOR 22000, flush mount panel and gauge.

G. 2 Vacuum pump, 12V, w/vent tube to exterior.

G. 3 Oxygen system, Amico Ohio style quick release, (3) outlets, (2) in actionwall panel, (1) on wall above squadbench @ headend
Note: See Item #802

G. 4 ZICO Main O2 Bracket - Locate in M1 exterior compartment. Capable of holding either "M" or "H" tank

G. 5 Oxygen wrench, fasten cable to wall by oxygen bottle.

800 - OXYGEN SYSTEM - OPTIONS

G. 800

G. 802 Flowmeter Integrated, Amvex 0-15 LPM (Tube Style) Replace (1) Standard Oxygen Faceplate

G. 808 Electric switched oxygen with digital read out, replaces manual system, includes manual by-pass.
Note: See Item #632

G. 840 SPECIAL:

CUSTOM "D" CYLINDER STORAGE BRACKET:
Configure to accomodate 4 "D" cylinders.
Locate: In the top of the right side bulkhead cabinet.

G. 841 SPECIAL:

PORTABLE SUCTION: 1- Laerdal Compact Suction Unit 4 (LCSU 4) with the 800 ml canister. With portable carry bag.
Ship loose

900 - HARDWARE -STANDARD

H.

H. 1 Seat belts (4) Total, retracting lap belts, (2) for squad bench attendants, (1) for patient on squad bench, (1) for attendant seat on CPR seat

H. 2 I.V. holders, (2) positions, #1 & #3, Cast Products # A20-14 flush mount, polished aluminum.

H. 3 (3) Anti-Microbial 1-1/2 inch diameter stainless steel satin finish, angled door handles mounted on module access doors.

H. 4 Ceiling grab rail Anti-Microbial, center mounted, stainless steel, satin finish 1-1/2" diameter, 72" length.
Note: See Item #931,932



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Itemnumber Description

H. 5 Door sills, (rear), bright stainless steel, w/ramp edge, (side) bright stainless steel sill 1 1/2" x 2 1/2"

H. 6 Net, Front end of squad bench, 4 anchor fasteners, (1) ratchet, Black 1 1/2" webbing

900 - HARDWARE - OPTIONS

H. 900

H. 914 Fire extinguisher, ABC, 5 lb. quick release bracket, (shipped loose).

H. 931 SPECIAL:
CEILING GRAB BAR 96"
Install 96" grab bar, center over Right edge of cot.
Refer to Prints

H. 932 SPECIAL:
ADDITIONAL GRAB BARS: Four (4)
Install (2) 24" grab bars, (1) on each side of the CPR seat next to streetside wall.
Install (1) 24" grab bar at a 45 degrees on the curbside interior wall to assist with entry into the rear of the module.

Install (1) 24" grab bar at a 45 degrees on the step well side of the bench restraint to assist with entry into the rear of the module.

Refer to Prints

H. 933 SPECIAL:
WATER EXTINGUISHER MOUNT:
Provide and install a Amerex #810 vehicle mounting bracket for a 2.5 gallon stainless steel water extinguisher in the left rear corner wall of the #1 compartment.

H. 934 SPECIAL:
Supply & install mounting brackets for Customer Supplied Iron set, and bolt cutters, and fabricate a bracket to prevent a Partner Saw #950 from falling over in the drivers side rear compartment.

NOTE: Customer will need to supply:
- Iron Set
- Bolt Cutters
- Partner Saw #950

1000 -PATIENT HANDLING EQUIPMENT - STANDARD

I.

I. 1 Cot fastener, Stryker #6370 floor mount, single position, front antlers removable. (Center Mount Position)
Note: Set for Stryker 6506 Power Pro cot.

1000 -PATIENT HANDLING EQUIPMENT - OPTIONS

I. 1000

I. 1008 Cot, Stryker POWER - PRO XT #6506, (1) SMRT Charger, (2) SMRT PAKS and (1) Selected Power Cord 12V or 120V, G Rated Bolster Mattress, G Rated Restraint Package. (Options listed below are for Stryker MX PRO cots only)



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VIN Number

Parent Job 1212

Itemnumber Description

Note: Options added to standard cot:
Dual Adjustable Wheel Lock 6086-502-010 - (N/C)
G Rated Restraint Package 6500-002-030 - (N/C)
3 Stage IV Pole(patient right) 6500-215-000
Equipment Hook 6500-147-000
Pocketed Back Rest Pouch 6500-130-000
Base Storage Net 6500-160-000
Trendelenburg 6085-031-000 - (STD)
G Rated Bolster Mattress 6506-034-000 - (STD)
12V DC Cable (Automotive) 6500-027-000 - (STD)
SMRT Charger Mounting Bracket 6500-034-000
No Power-LOAD Cot Compatibility 6506-029-000
No Steer-Lock 6506-037-000

I. 1029 Add Stryker Yellow safety hook w / 2" reflective tape on rear door sill.

1100 -PAINT, BODY AND GRAPHICS - STANDARD

J.

J. 1 An acrylic urethane paint process is required on the module body.

J. 2 Emblems, Leader front fenders, rear doors, no smoking labels, ETC.

1100 -PAINT, BODY AND GRAPHICS - OPTIONS

J. 1100

J. 1115 Custom paint/graphics, submit drawings, paint brand, sample colors, paint #.

Note: Cab to be repainted RED
Module is to be painted RED
Color Code: Sikkens RED FLNA ##### To be Determined

J. 1120 SPECIAL:

Note: BELTLINE STRIPE: Single 6" beltline, Mid Body, upward jog on the forward portion of the module.
Refer to prints.
SCOTCHLITE, White reflective.
The stripe shall include 1/4 inch Black reflective pinstripe on edges.

J. 1121 SPECIAL:



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VIN Number

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Item number Description

Note: GOLD LEAF LETTERING (SIGN-GOLD):
Laminated Sign Gold Leaf, 1" Engine turn, 1/8" Black borders.

Module Sides:

"LONG BEACH" (Arched) approximately 8" Scale to fit
"FIRE DEPARTMENT" (Straight) approximately 6" Scale to fit

Other lettering:

"PARAMEDIC" (Straight) 4 inch in white beltline
Red Reflective Scotchlite

Module Rear:

"LONG BEACH" (Straight) 4" below windows
"FIRE DEPARTMENT"

Other lettering:

"PARAMEDIC" (Straight) 4 inch in white beltline
Red Reflective Scotchlite

ADDITIONAL LETTERING:

Unit Numbers:

White Reflective Scotchlite (Straight) 5.5 inch, Four (4) sets of each
Apply one matching set to all four side of the unit.

White Reflective Scotchlite (Straight) 16" inch, One (1) set of each
Applied center on the module roof.

3 Units

Unit #1 "R ##"

Unit #2 "R ##"

Unit #3 "R ##"

Refer to prints.

J. 1122 SPECIAL:

Note: REAR CHEVRON REFLECTIVE STRIPE: There shall be a rear Chevron reflective stripe on the flat rear surfaces.

The stripes shall be NFPA 1091 compliance.

The Chevron stripes shall be 6.00 wide and be in an upside down "V" pattern.

The colors shall be Red and Yellow per NFPA 1901 requirements.

Color: 3M Conspicuity Fluorescent Yellow Green #983-23

Color: 3M Electro Cut Red #1172

Note: Matching RED Conspicuity material will be provided as a background for lettering applied on the rear of the module.

J. 1123 SPECIAL:

DOOR DECALS:

Install Customer Supplied Door logo decals.



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*NOTE: QUOTE IS GOOD FOR 60 DAYS FROM
DATE ON THIS DOCUMENT.*

Contract Total: \$215,831.00

FACTORY Representative

Date:

Sales Representative

Date:

Customer Sales Order

 Steve De La Montanya 143 Meadow Place Windsor, CA 95492	11/15/2013	Long Beach Fire Department 3205 Lakewood Blvd. Long Beach, CA 90808 Scott Hart (562) 570-3355	Customer 1212 VIN Number Parent Job 1212
	707-546-1070		

Itemnumber	Description	
10 - BASE SECTION		
10.		
10. 1	Prep modular and misc	
10. 52	(2013 Mid Year) LI96-169" Ford Type III w/ 72" headroom, (H) Base Conversion	\$106,746
10. 80	SPECIAL: NAVISTAR TERRASTAR CHASSIS: 2014 108" CA 183" WHEELBASE 300 HP V8 DIESEL ALLISON 1,000 6 TRANSMISION WITH PARK. OEM AIR COMPRESSOR, AIR RIDE, AIR HORNS, HYDRAULIC DISC BRAKES, ALUMINUM WHEELS, CHROME HUB AND NUT COVERS FUEL TANK LOCATED REAR BETWEEN THE FRAME RAILS, RIGHT SIDE FILL. NOTE: 3 BATTERIES ATTACHED TO FRAME RAIL UNDER DRIVERS DOOR. DUAL OEM AIR SEATS, INNER ARM RESTS, WITH MAXIMUM RECLINE AVAILABLE. REFER TO PROVIDED CHASSIS SPEC.	\$57,400
20 - PRE TAX		
20.		
20. 1	Document Processing Fees	\$50
30.		
40 - COMPLIANCE		
40.		
40. 2	Customer supplied items to be INSTALLED: Note: Refer to option #934 & #1123	
40. 5	Leader supplied items to be SHIPPED LOOSE: Note: See Option #841 PORTABLE SUCTION: 1- Laerdal compact suction unit. with portable carry bag. See Item #51.13 Spare tire	
40. 10	SPECIAL:	



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Customer

1212

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Scott Hart

(562) 570-3355

VIN Number

Parent Job 1212

Itemnumber Description

RADIO INSTALL CONTRACT:

This amount will be quoted on the summary form only. \$32,542.00

911 Vehicle will be contracted to provide and install the radio, intercom communication system and MDT hardware in the unit.

Installation should occur during the unit assembly process to facilitate the integration of the systems without compromising the fit or finish of the completed unit.

Leader will provide the power sources and hardware mounting locations.

- 1 Motorola APX7000 VHF Single head, cable, speaker, mic
- 1 Motorola APX UHF/800M Hz Dual head, cable, speaker, mic
- 1 Panasonic Toughbook Model # CF-31
- 1 Panasonic Toughbook Port Replicator
- 1 Panasonic Toughbook Computer Mount
- 1 Sierra Wireless Modem (CS)
- 5 Antennas | Configuring / Connections / Metering

INTERCOM SYSTEM

- 1 911 Vehicle Dual Radio Intercom System
- 4 Dash Mounted PIT Switches
- 1 Patient Area Intercom Station
- 50 Beldon 8723 4-Conductor Shielded Cable per ft.
- 2 Mobile Radio Interfaces
- 3 911-0TH-R Over the Head Style Headset With SIG-5 Cord

POWER AND GROUND DISTRIBUTION

- 1 Main DIC Power and Ground Distribution
- 1 Battery Switched Relay
- 1 MISC. Parts and Materials

51 - CHASSIS ITEMS OPTIONS

51.

51. 10	SPECIAL: CAB TO MODULE CRAWL THROUGH: #BA350000 (Included / HEV)	\$2,400
51. 11	SPECIAL: Note: CURBSIDE EXHAUST: Locate: the exhaust discharge curbside forward of the rear wheel. NOTE: Ground clearance will be limited due to drop skirt. (Included / HEV)	
51. 12	SPECIAL: CUSTOM SEATING: Covered Air-100 suspension system, 4W/102 mm of vertical travel Fore-aft adjustment offers 6W/152 mm of horizontal travel Mechanical reclining back adjusts with single lever to 69° Mechanical lumbar adjustment supplies additional lower-back support Molded, high-density foam affords contoured lower-back support and reduces fatigue Three-point seat belt and flip-up armrests	\$1,000
51. 14	SPECIAL: NAVISTAR OEM MIRRORS TO BE TRIMMED AND RESET. OUTER MOST POINT NOT TO EXCEED 110" WIDE. (Included / HEV)	\$300
51. 15	SPECIAL:	\$848



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EXHAUST BRAKE: Order the chassis with the newly available Exhaust Brake.
(Included / HEV)

60 - MODULAR BODY ITEMS - STANDARD

60.

60. 1 Modular Dimensions: 96" wide x 169" long x 72" Headroom \$3,000

Note: Navistar Body, 108" Cab axle 96" x 173" body.

60. 2 The module body shall be constructed to provide a minimum fifteen (15) year warranty.

60. 3 Module body shall have an addition (5) year warranty when remounted by an approved remount facility.

60. 4 The corner post shall be extruded aluminum (6063-T5 alloy).

60. 5 The roof corners shall be extruded aluminum (6063-T6 alloy).

60. 6 The exterior wall and roof tubes shall be min (2) inch square with min .125 wall thickness, located on twelve (12) inch centers.

60. 7 In addition to the vertical wall supports there shall be a horizontal beam, located in the beltline area.

60. 8 Gusset supports shall be provided.

60. 9 The exterior body panels shall be 5052-H32 alloy.

60. 10 The thickness required for exterior body panels is:
-Side, front, and rear walls: .125
-Roof and Floor panels: .090

60. 11 Floors shall be aluminum beams covered by aluminum sheeting, then 3/4 inch plywood.

60. 12 All exterior aluminum body panels shall be attached to the structural supports via high performance polyurethane two sided tape.

60. 13 Each body panel shall be welded to horizontal frame members, roof extrusions, and vertical corner posts.

60. 14 The door skin and edges shall be formed from a single sheet of aluminum

60. 15 Outer Door panels are aluminum .125 aluminum.

60. 16 Each door shall include an internal extrusion for added reinforcement.

60. 17 An inner door pan shall fit flush with the inner edges of the door.

60. 18 All module doors shall incorporate an extruded rubber seal located around the perimeter of the door.

60. 19 All doors shall have full-length stainless steel hinges.



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Itemnumber	Description	
60. 20	All doorjambms must incorporate an extrusion that is overlaid by the body skin.	
60. 21	Side door and compartment doors shall have gas-filled hold opens. Rear doors shall have grabber style devices.	
60. 22	The entire exterior handle assembly shall be Tri/Mark Series 2200 cast metal that is chrome plated and buffed to a high luster.	
60. 23	All entrance doors shall be equipped with manual safety release latches at top and bottom of doors.	
60. 24	Must have full seat travel in the cab. A minimum 6" recess shall be designed into the front bulk head wall of the module body to accomplish this. Note: N/A TYPE 1 CHASSIS WALK THROUGH CHASSIS MODIFICATION FOR NAVISTAR (Included / HEV)	
60. 25	A minimum of (5) five Mounting platforms shall be attached along the chassis frame rail for a total of (10) ten.	
60. 26	Each of the module body access doors shall include windows encased in aluminum frames and tinted in accordance with FMVSS.	
60. 27	Stainless steel splash shields installed on the lower front face of the module body just aft of the cab access doors.	
60. 28	Polished stainless steel fender flares installed around each wheel well opening.	
60. 29	Polished stainless lower body rub rails installed on each side of the module body.	
60. 30	The rear of the vehicle shall be equipped with a step/bumper assembly. The center section of the rear step bumper shall be constructed of aluminum grip strut and be hinged to assist in patient handling.	
60. 31	Rear kick plate made out of polished aluminum Diamond plate	
60. 32	(4) Aluminum diamond plate corner caps - 14" high	
60. 33	Install heavy duty aluminum diamond plate running boards with attached splash shields Note: RUNNING BOARDS, DIAMOND PLATE W/ UNDERCAB CLOSEOUT, FOR TERRASTAR. #BH08DD00 Diamond plate running boards are to be installed on the chassis. Fabricate with star punched pattern. Boards are to include a diamondplate closeout beneath the cab in place of the OEM plastic closeout. (Included / HEV)	\$200
60. 34	Install individual rear mud flaps behind each wheel	
60. 35	Drop Skirt, Curb side forward w/ (2) step entry	

61.

67 - EXTERIOR COMPARTMENTS - STANDARD



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Itemnumber	Description
67.	
67. 1	All exterior compartments will be constructed out of polished aluminum diamond plate
67. 2	<p>STREETSIDE FRONT COMPARTMENT (M1)</p> <p>Door Opening: This area shall be accessed through a single outside hinged door. The compartment shall house the vehicle's primary O2 cylinder. Vertical track for mounting of a QRM-V O2 bottle mount shall be welded on the #2 wall of the compartment The compartment shall be vented to the outside. (see drawings for compartment sizes)</p> <p>Note: CORRECTED STREETSIDE FRONT COMPARTMENT (#M1) Compartment: 64.5" High x 22" Wide x 20.5" Deep Clear opening: 64.0 High x 20" Wide This compartment has a .250" thick sweep out floor. Locate unistrut track on back, #2 wall, right corner to mount the standard Zico O2 hardware. This area shall be accessed through a single outside hinged door.</p>
67. 3	<p>STREETSIDE INTERMEDIATE COMPARTMENT (M2) (\$176)</p> <p>This area shall be accessed through a pair of hinged doors This compartment shall have (1) adjustable shelf (see drawings for compartment sizes)</p> <p>Note: CORRECTED STREETSIDE INTERMEDIATE COMPARTMENT (#2) Corrected dimensions for Navistar conversion with 12" raise selected below. Compartment: 43" High x 55" Wide x 20.5" Deep. Door Opening: 40" High x 52" Wide x 20.5" Deep. Delete the standard Shelf. Refer to options 68.21, 68.26</p>
67. 4	<p>STREETSIDE REAR COMPARTMENT (M3)</p> <p>This area shall be accessed through a pair of hinged doors. This compartment will house spare tire and changing tools. (This compartment will have a 3" drop pan) (see drawings for compartment sizes)</p> <p>Note: COMPARTMENT (#3) Corrected dimensions for Navistar conversion with 24" raise selected below. Compartment: 67.12" High x 37.5" Wide x 20.5" Deep. Door Opening: 64" High x 32" Wide x 20.5" Deep. Delete 3" Drop, install standard floor Delete spare tire mounting. Ship loose Refer to options 68.31, 68.34</p>
67. 5	<p>CURBSIDE REAR COMPARTMENT (M4)</p> <p>This area shall be accessed through a single hinged door This compartment will house backboards on the left side, and stairchair on the lower right side. This compartment will have a vertical divider, w/ (2) adjustable shelves above stairchair location. NOTE: This compartment requires that the aluminum diamond plate door panel have a pocket for stairchair clearance. Supply (2) sets of velcro straps and footman loops. (see drawings for compartment sizes)</p> <p>Note: CORRECTED CURBSIDE REAR COMPARTMENT DIMENSIONS: Compartment: 83.75" High x 29.75" Wide x 20.5" Deep. Door Opening: 81" High x 25" Wide x 20.5" Deep. This compartment has a .250" sweep out floor. The interior layout of this compartment is being reconfigured. Refer to options 68.43 & 68.45 & 68.46</p>



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Itemnumber	Description	
67. 6	<p>CURBSIDE FORWARD COMPARTMENT (M5) The area shall be accessed through a single hinged door. The upper area shall also be accessible from the vehicle interior front ALS area. (see drawings for compartment sizes) Note: CORRECTED CURBSIDE FORWARD COMPARTMENT DIMENSIONS: Door Opening: 84" High x 22.8" Wide x 20.5" Refer to options</p>	
67. 7	<p>CURBSIDE FRONT (LOWER) COMPARTMENT (M6) This compartment shall be accessed through a single hinged door. This compartment needs to be vented, it will house (3) batteries mounted in a slide out tray. (see drawings for compartment sizes) Note: Space to be integrated into upper area and share the upper door access.</p>	
68 - EXTERIOR COMPARTMENTS - OPTIONS		
68.		
68. 5	<p>SPECIAL: COMPARTMENT DOOR SILL PROTECTION: Install Stainless Steel protection plates on lower edges of specified compartments. Quantity: 5 Streetside #1, #2, #3, Curbside #4, #5</p>	\$330
68. 20	STREETSIDE INTERMEDIATE COMPARTMENT:	
68. 21	<p>Raise compartment 12" F.D version: Note: Compartment: 43" High x 55" Wide x 20.5" Deep. Door Opening: 40" High x 52" Wide x 20.5" Deep.</p>	\$288
68. 26	<p>SPECIAL: SCBA, TURNOUT STORAGE: Install a vertical pair of unitstrut tracks in each of the upper rear corners of this compartment. Install Two 14" W X 24" Tall X .250" Thick, Brushed Aluminum plates in the outer corners of the compartment. Locate: 4" down from the top of the compartment. Install four (4) hooks for storage of turn out gear and other equipment in the intermediate compartment. Locate: Two (2) on the mid portion of the upper back wall of the intermediate compartment for turn out storage. Locate: One (1) on each side wall for equipment storage Install two, (2) mounts for Fire Axe s with protective scabbard, at locations to be determined at the Pre-construction meeting. Refer to the provided prints.</p>	\$408
68. 30	STREETSIDE MOST REARWARD COMPARTMENT:	
68. 31	<p>Raise compartment 36.5" F.D version Note: Raise the compartment 24" Compartment: 67.12" High x 37.5" Wide x 20.5" Deep. Door Opening: 64" High x 32" Wide x 20.5" Deep.</p>	\$840
68. 34	Add an adjustable shelf	\$173



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Itemnumber	Description	
	Note: Quantity: 2 Locate: Distribute	
68. 40	CURBSIDE MOST REARWARD COMPARTMENT:	
68. 43	Add an adjustable shelf Note: Quantity (3): One (1) optional, Two (2) standard. NOTE: All (3) shelves to be fabricated with out a lip on the front edge. Locate: Install between the two verticle dividers. The Top shelf is to be 40" above floor level. Distribute the remaining (2) shelves below.	\$173
68. 45	Add a fixed vertical divider. Note: (1) Additional Fixed Verticle Divider: Locate the first divider 10" left of the right compartment wall, Locate the second divider 8" left of the first divider.	\$242
68. 46	SPECIAL: Add a fixed shelf 40"above the floor to the right of the fixed divider above the stair chair position. A medical inset cabinet will extend into the space above this shelf.	
69 - CHASSIS - MODULAR MODIFICATIONS @ LEADER - STANDARD		
69.		
69. 1	All exterior compartments shall have black rubber matting on compartment bottoms and shelves	
69. 2	Interior Lighting in all exterior compartments; including adjustable shelves (Total 8) Note: See Item # 720	(\$67)
69. 3	Aluminum Drip rails - over exterior compartments and rear access doors	
69. 4	Recessed license plate holder (Cast Product) w/ LED light (See Print for Location)	
69. 5	Install Leader emblems on rear mud flaps (2) Note: Delete the Leader logos on the Mud Flaps.	
69. 6	All patient compartment entry doors shall have red reflectors in the lower corner (interior)	
69. 7	Exterior of modular shall have rectangular reflectors, amber in the lower corners in front, red in lower corners in rear	
69. 8	Power activated door locks installed on patient compartment access doors, activated by cab (OEM) door lock switches, and patient comp. access door lock switches - mounted in bezels	
69. 9	Stainless steel DOT approved wheel inserts shall be installed on all four outside wheels of the chassis. Note: Aluminum Wheels (Included / HEV)	(\$127)
69. 10	Stainless steel filler extensions will be installed on rear wheels.	
69. 11	Install (2) tow hooks under rear of vehicle, attach to bumper frame	
69. 12	Undercoat.	



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Itemnumber	Description	
69. 13	Install Fixed windows in the (2) rear patient access doors, and (1) sliding window in side access door. All (3) windows shall feature a dark privacy tint Note: See Item #70.1	(\$130)
69. 14	Install Leader Step/Bumper Assembly, The center section shall be hinged to assist in patient loading	

70 - CHASSIS - MODULAR MODIFICATIONS @ LEADER - OPTIONS

70.

70. 1	SPECIAL: SLIDING WIDOWS: Install Sliding Windows in the (2) rear patient access doors ILOS, Both windows shall feature a dark privacy tint	\$192
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200 - INTERIOR CABINETS - STANDARD

A.

A. 1	Streetside lower cabinet, exterior Stainless Steel riser, CPR section w/ storage below w/ hinged lid & hold open gas strut w/ FlexDraw hold down latch, w/ Gibraltar counter top Note: See Item #220	
A. 2	Streetside upper rear cabinet, upper exhaust vent, upper compartment for (3) latex glove boxes, (1) hand sanitizer dispenser, (1) paper towel dispenser, (1) trash bag dispenser, (1) EME bag dispenser, w/ hinged (smoke) plexiglass door w/ plastic 'D' ring latch, Mid section to house (1) sharps container, (1) trash compartment, w/ hinged (Red) plexiglass doors w/ aluminum handle. Misc storage behind trash sharps w/ hinged (Smoke) plexiglass door, w/ plastic 'D' ring latch. Lower storage will house (optional) portable oxygen bracket (2) "D" sizes only, and linen storage w/ hinged aluminum door, non locking trigger latch. Cabinet includes hand sanitizer soap, paper towels, trash bags, EME bags, trash container, sharps container. Note: See Item #221	
A. 3	Streetside storage cabinet, (1) upper and (1) lower storage area w/ sliding polycarbonate doors, w/ adjustable shelf in upper cabinet. Center section open w/ Gibraltar countertop Note: See Item #222	
A. 4	Streetside action wall cabinet, (1) upper storage area w/ sliding polycarbonate doors, (1) adjustable shelf, (1) locking drug compartment w/ hinged door and 7/8" lock. Note: See Item #223	
A. 5	Streetside CPR rear wall & hinged backrest w/ stainless steel tray	
A. 6	Streetside bulkhead cabinet & wall with upper A/C removable panel, and opening for oxygen access with hinged plexiglass door. Cabinet split, upper section w/ hinged wood door w/ non locking latch and (1) adjustable shelf, lower section w/ hinged wood door w/ locking latch, w/ vent (Inverter comp.). Top of cabinet to have Gibraltar countertop	
A. 7	Bulkhead overhead electrical storage cabinet, (1) hinged wood door w/ locking latch	
A. 8	Partition door, sliding (clear) plexiglass window, hinge door on passenger side, door will swing into module	
A. 9	Curbside bulkhead cabinet ALS w/ exterior access, split cabinet, upper section w/ (2) hinged 3/8" smoke polycarbonate doors w/ plastic "D" ring latches, (1) adjustable shelf w/ aluminum lip. Lower section w/ (2) hinged wood doors w/ locking latches, (1) adjustable shelf w/ aluminum lip Note: See Item #224	



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Itemnumber	Description	
A. 10	Curbside squad bench, exterior Stainless Steel riser, (2) hinged lids w/ hold open gas struts and Southco rubber " FlexDraw " hold down latches, (4) retractable seat belts, (2) for attendants, and (2) for patient. Top drop trash and sharps container @ head end of squad bench. (Trash & sharps container included). Note: See Items #225, #226	
A. 11	Cabinet over squad bench, divided into two sections w/ hinged (flip up) 3/8" polycarbonate doors w/ plastic "D" ring latches Note: See Items # 231	
A. 12	Center Console, (2) vents, lid to be split - upper section removable, lower section removable. Upper section to house siren, switches, meters, etc. Lower section to house two-way radios. Directly behind console is a separate removable map box w/ adjustable polycarbonate dividers, w/ (2) cup holders Note: See Item #230	
A. 13	Action wall panel, exterior laminate carbon fiber, cut outs for O2 outlets, Time Manager, 110V, 12V, volume control outlets	
A. 14	Gibraltar "Liquid Stop" mounted on floor in walkthrough, between cab & modular Note: N/A Terrastar Type 1 Walk through opening.	
A. 15	Modular headliner to be 1/4" MDF, laminated with White Formica, Matte Finish	
A. 16	Misc. Wood Material - (3) Seat Cushions, (4) Back rests, (3) CPR head bumpers, (2) CPR side bumpers, Curbside wall, head bumpers, fillers, wood sub-floor, A/C Styrene Board	
200 - INTERIOR CABINETS - OPTIONS		
A. 200		
A. 219	Supply restocking frame on upper overhead cabinet (priced per cabinet) Note: Quantity: 4 Locate: Upper A2, A3, and A4 cabinets over the attendant area. See Item # 221, 222, 223	\$1,060
A. 220	SPECIAL: Storage area with sliding polycarbonate doors below action wall has been deleted due to the raised intermediate compartment.	
A. 221	SPECIAL: CUSTOM A2 CABINET: A2 Upper standard will be deleted. ADD Custom A2 upper rear storage cabinet w/ sliding polycarbonate doors and 12 Adjustable dividers, upper exhaust vent. Refer to option 219 selected above. A2 Mid level cabinets deleted to accomodate raised exterior compartment. A2 Lower level cabinets deleted to accomodate raised exterior compartment. ADD: Interior surface of A2 mid and A2 lower area to be finished as White Board writing surface Refer to prints.	
A. 222	SPECIAL:	\$394



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Itemnumber	Description	
	<p>CUSTOM A3 CABINETS: A3 Upper standard will be deleted. ADD CUSTOM A3 UPPER: A3 Upper Streetside storage cabinet, (1) storage area w/ sliding polycarbonate doors, and w/ one fixed shelf centered in the in upper cabinet. Install 6 adjustable dividers above and 6 adjustable dividers below the fixed shelf. Refer to option 219 selected above.</p> <p>ADD CUSTOM A3 CENTER SECTION: A3 - To have a 5" deep removable top access IV Supply Storage Tray Tote Box with dividers and lid. Mounted to top surface of counter top. Tote Box 22 1/2" X 17" X 5" - Global Industrial: (6) WZ772166 (6) WZ772106 (6) WZ772188 (6) WZ772128 (1) WZ772038 (1) WZ772082 (1) WZ772084</p> <p>Standard A3 Lower area with bottom hinged plexiglas door w/ locking chrome "D" ring latch.</p>	
A. 223	<p>SPECIAL:</p> <p>Note: CUSTOM A4 Streetside action wall cabinets, Two (2) upper storage areas w/ sliding polycarbonate doors, (1) fixed center mounted shelf in each section. Install adjustable plexiglas dividers above and below the fixed shelves. Note: Include 20 dividers, 10 per side.</p> <p>One (1) Full height X 14" wide X 12" deep Mid level inset cabinet w/ (2) adjustable shelves, and (2) hinged 3/8" plexiglass doors with Chrome "D" ring latches. located at the forward end of the attendant counter.</p> <p>Stainless Steel Action area surround. (side and back wall). Note: Refer to options A.219</p>	\$827
A. 224	<p>SPECIAL:</p> <p>CUSTOM A9 CABINET: Curbside bulkhead cabinet ALS w/ exterior access, split cabinet. Upper section with interior access only for secure portable 02 "D" cylinder storage w/ (1) Bottom hinged .125" Laminated Aluminum door w/Chrome Steel "D" ring latch. Refer to option 840 for custom 02 cylinder holders. Lower section, open to the interior and exterior with (3) adjustable shelves. Shelves to be formed from .125" brushed Aluminum W/1/2" lips. Lips to have black rubber grip lock installed on the edges and have black Dry Deck on the horizontal surfaces. Note: The module floor is not to extend into this cabinet.</p>	\$151
A. 225	<p>SPECIAL:</p>	\$198



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Itemnumber	Description	
	<p>CUSTOM A10 CABINET: Curbside squad bench, exterior Stainless Steel riser, (2) hinged lids w/ hold open gas struts and Southco rubber " FlexDraw " hold down latches, (4) retractable seat belts, (2) for attendants, and (2) for patient.</p> <p>Top drop trash/sharps, with 5" deep removable top access IV Supply Storage Tray Tote Box with dividers and lid @ head end of squad bench. Tote Box 16" X 11" X 5" - Globel Industrial: (6) WZ772166 (6) WZ772106 (1) WZ772016 (6) WZ772188 (6) WZ772128 (1) WZ772082 (1) WZ772084</p> <p>The Trash/Sharps will have hinged Red Plex access door, the the trash and sharps will have a hole for easy drop through of refuse into the container.</p>	
A. 226	<p>SPECIAL:</p> <p>CUSTOM A14 BENCH RESTRAINT: A custom bench restraint famed with 4" thick aluminum tubing will be installed at the head of the bench. The restraint will be finished in Formica and Vinyl pads to match the interior of the unit. The restraint will accommodate a Zoll X series monitor with bags dimensions approximate 17" x 9" x 9 1/2" on a spring loaded folding shelf w/ (2) hold down straps recessed into the area above the Sharps/Trash receptacles. Note: The shelf is to be self closing and fold up into the recess when the monitor is not in place. Note: The bench must be able to accommodate a 72" back board.</p>	\$478
A. 227	<p>SPECIAL:</p> <p>CUSTOM A12 CABINET: ANGLED HOUSING FOR BENCH ELECTRICAL PANEL REFER TO OPTION 632. An angled housing shall be installed just below the forward portion of the bench ceiling cabinet. The housing shall provide an installation location for a relocated rear electrical control panel, the restock timer and an O2 outlet. Cabinet face will be laminated with carbon fiber material</p>	\$139
A. 228	<p>SPECIAL:</p> <p>CUSTOM CABINET CURBSIDE FOOT END OF BENCH: A 10" deep medical supply cabinet will be constructed flush into the wall above the foot end of the squad bench and above the exterior compartment stair chair storage. The bottom of the inset med cabinet will be 42" above the floor of the exterior compartment. Interior laminate white, four (4) adjustable shelves, hinged polycarbonate doors with Chrome Steel "D" ring latches. (See drawings). The exterior will be clad in bright diamond plate to match the exterior compartment interior.</p>	\$565
A. 229	<p>SPECIAL:</p> <p>CUSTOM A 15 CABINET: Latex glove storage compartment above curbside access doors plywood construction with laminate and padded vinyl finish, to accommodate (3) latex glove boxes. Hinged (flip up) 3/8" polycarbonate door w/ (2) chrome two-way catches.</p>	\$226
A. 230	<p>SPECIAL:</p>	\$76



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CONSOLE FOR NAVISTAR TERRASTAR:
Switches will be located in the front console along the leading edge of the main console section.
Meters will be located in the OEM Cab Dash.
The Unitrol Siren control will be located in the forward portion of the main console.

A closed storage space with a hinged aluminum door (Grey laminate finish) and 7/8"key lock will be located at the rear portion of the forward extension.

Two (2) Cup holders, with an open storage pocket between them will be installed at the forward end of the console extension.
Map storage with adjustable dividers will be located in the balance of the space available. Refer to Prints.

Note: Refer to options, 40.10 & 721 for MDT mount to be installed. Reinforce passenger side to accept specified MDT mount.

A. 231 SPECIAL: \$133

CUSTOM CABINET BIN STORAGE:
Install a fixed center divider in each section.
Add a 2" tall front retention lip.
Fabricate from 1/2"thick polycarbonate material with rounded top edge.

300 - INTERIOR TRIM AND COLOR - STANDARD

B.

- B. 1 Floor color/material - (Coved), Anti-Microbial, UV Protected, Lonseal - Loncoin II Flecks, #150UV Onyx.
- B. 2 Headbumpers/Fillers upholstery color/material - Sierra Light Grey TL-2000 w/ 1/4" closed cell foam.
- B. 3 Laminate color, exterior upper matte, Light Gray - D 355 / interior compartments White matte.
- B. 4 Laminate color, exterior lower matte, Light Grey - D 355. Action wall panel lamonated in Carbon Fiber
- B. 5 Polycarbonate color .240, tinted
- B. 6 (3) Seat Cushions, (3) Back Rests, (2) Head Rests, (2) CPR Side Bumpers, (3) CPR Head Bumpers - "Water Fall" style, 2" foam, velcro fasteners.
- B. 7 Attendant Seat High Back, 6 degree, 3 point seat belt, vacuum formed w/ swivel base, Dove Grey in color. (\$418)
Note: See Item #313
- B. 8 Counter Top Color, Platinum - Gibraltar Material
- B. 9 Door panels are to be aluminum covered with D355 Light Gray laminate, w/ stainless steel @ bottom of panels
- B. 10 Polycarbonate sliding doors, retain handles on doors and provide holes for cable ties.
- B. 11 The patient area of the vehicle shall be insulated w/ 2" Owens Corning Quiet R, glass fibers, fire resistant, fungi & bacteria resistance, for both thermal and acoustic insulation



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Customer

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VIN Number

Parent Job 1212

Itemnumber Description

300 - INTERIOR TRIM AND COLOR - OPTIONS

B. 300

B. 313	Attendant seat 6 degree high back with built in child seat. ILOS, NOTE: This is not available in vacuum form, will be "Sewn"	\$544
B. 320	SPECIAL: INTERIOR CHROME LATCHES: Delete standard Black Plastic D ring pull latches Replace with Chrome Steel D ring latches when a pull latch is required.	\$174

400 - WARNING DEVICES - STANDARD

C.

C. 1	Lightbar All LED, Front module mount, Code III (XP9588-ALRC-102) 88" long, Red LED's (1) Steady Red LED, (2) White LED's with all Clear forward facing lenses, and Red top lenses Note: See Item # 450	(\$1,300)
C. 2	Warning lights, rear of vehicle, upper outboard corners, (2) Code 3 (85BZR) LED (Red) w/ chrome flange Note: See Item #451	(\$168)
C. 3	Warning lights (4) total, (2) per side, Code 3 (85BZR) LED (Red) w/ Chrome Flange Note: See Item #415	(\$336)
C. 4	Warning light, front grille, (2) Code 3 (LXEX1F-R) LED (Red) w/ polished aluminum housings Note: See Item #452	(\$128)
C. 5	Warning lights, Rear of Vehicle, window level, (2) code 3 (85BZR) LED (Amber) w/ chrome flange Note: See Item #453	(\$168)
C. 6	Intersection lights, front fenders, (2) Code 3 (45BZR) LED (Red) w/ chrome flange Note: See Item #433	(\$119)
C. 7	Headlight flasher, Leader solid state, electronic, console switch.	
C. 8	Siren speaker, Cast Products under bumper mount, (2) 100-watt drivers. Note: See Item #454	(\$336)
C. 9	Scene lights, (4) total, (2) per side Code 3 (88Z26) Halogen (Clear) w/ chrome flange Note: See Item #447	(\$140)
C. 10	Scene lights, rear, (2) Code 3 (41Z26) Halogen (Clear) w/ chrome flange Note: See Item #448	(\$49)
C. 11	Front, rear and side FMVSS LED marker lights: Front; (5) Amber lights Sides; (1) Amber (forward) and (1) Red (rearward) lights on both module sides. Rear; (5) Red lights in upper corners and above doors module rear.	
C. 12	Back-up, turn and brake lights, Code III LED w/ chrome flanges shall be as follows: (2) Code III (65STBZA) LED (Amber) w/ arrow turn signal - outboard on diamond plate. (2) Code III (65STBZR) LED (Red) stop/tail - inboard on diamond plate. (2) Code III (65BZRV) LED (Clear) back-up - above diamond plate. Note: See Items #435, 436, 437	(\$433)
C. 13	Brake light, rear upper center, (MANDATORY), Code 3 (45BZR) LED (Red) w/ chrome flange.	(\$59)



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	Note: See Item #434	
C. 14	Back-up alarm, rear mounted, 97 decibel with auto reset, console defeat switch	
C. 15	Warning light flasher (2) Vanner #3250 GCPE	
400 - WARNING DEVICES - OPTIONS		
C. 400		
C. 410	Intersection lights, rear body, (2) Whelen 700, SUPER LED, Red, with chrome flanges.	\$334
	Note: RED Lenses	
C. 415	Warning lights ILOS, (4) Total, (2) per side, Whelen 900, SUPER LED, Red, Chrome flanges included.	\$633
	Note: RED Lenses	
C. 433	Intersection lights, front fenders, (2) Whelen 700, SUPER LED, Red, flashing, with chrome flanges.	\$329
	Note: RED Lenses	
C. 434	Brake light, ILOS, convert high center brake light to Whelen 700 LED Red. (FORD ONLY)	\$85
	Note: RED Lenses	
C. 435	Convert lower brake lights to Whelen 600 series red LED.	\$196
C. 436	Convert lower turn signals to Whelen 600 series Amber turn w/arrow, LED	\$151
C. 437	Convert lower back-up lights to Whelen 600 series LED, MIN/CLEAR	\$151
C. 447	Scene Lights ILOS, (4) total (2) per side, Whelen 900 series SUPER LED - 24 diode #90COENZR	\$1,156
C. 448	Scene Lights ILOS, (2) rear, Whelen 700 series SUPER LED - 12 diode #70COELZR	\$455
C. 450	SPECIAL: FRONT LIGHT BAR: Whelen 4500 Series, W/8, 400 Super LED sections, 88.00 inch long, w/ DOT Marker lights. The light bar shall include Six (6) Red LED lights and two (2) White LED Lights with Clear lenses and a GTT low-profile LED emitter in the center section of the light bar. The Two (2) center lights shall be steady burning Reds.	\$3,391
	<p style="text-align: center;">F F F SB / GTT \ SB F F F</p> <p style="text-align: center;">Corner RED/RED/White/ RED /Opticom\RED\White\RED\Corner RED</p> <p>Note: Colored lenses</p> <p>The emitter shall be wired "ON" with the Primary warning Light switch and shall disengage when the vehicle is place in "PARK" or "NEUTRAL". There shall be a separate Opticom on/off switch (option #522) installed on the front switch panel. Refer to Whelen Print</p>	
C. 451	SPECIAL: Warning lights, rear of vehicle, upper outboard corners, (2) Whelen 900 Super LED (Red), w/ Chrome flange.	\$316
	Note: RED Lenses	
C. 452	SPECIAL:	\$224



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Itemnumber	Description	
	Warning light, front grille, (2) Whelen 700 series) LED (Red) w/ polished aluminum housings for (Terrastar Chassis) Note: RED lenses	
C. 453	SPECIAL: Warning lights, Rear of Vehicle, window level, (2) Whelen 900 Super LED (Amber), Amber Lens, w/ Chrome flange. Note: Amber lenses	\$316
C. 454	SPECIAL: Siren Speakers ILOS, (2) Cast Products 100 watt siren speakers, recessed thru front OEM bumper (outboard section). (Polished Aluminum Finish) NAVISTAR TERRASTAR CHASSIS	\$626
C. 455	SPECIAL: ENTRY DOOR MARKER LIGHTS: Install Whelen flashing door marker lights. Quantity: Six (6). Two (2) per module entry door. Configure to come on when the door is opened. Refer to prints.	\$296
C. 456	SPECIAL: UNITROL SIREN: Supply and install a unitrol UTM -4 Siren Siren electronic , Unitrol UTM -4, single amp with slide switch, 100 watt, PA mic, flush mount bezel, horn ring control. Note: Leader does not recommend this siren because of quality issues. Configure: Slide Bar function as follows. Number 1 setting is rear code three lights Number 2 setting is rear code three light and front grill solid red. Number 3 setting is all code three.	\$681
500 - ELECTRICAL CONTROL CENTER - STANDARD		
D.		
D. 1	Bulkhead electrical storage cabinet components, fuse bar, fuse bar bracket, terminal blocks	
D. 2	Electrical Switch Panel, Front Console, Santex (Black), back lit w/ blank legends Note: See Item #520	
D. 3	Siren electronic, center console mounted, Whelen 295SLSA-1 CA spec, (hi-lo deleted) 100-watt w/mic, hands free, horn ring control, flush mounting bezel. Note: See Item #456	
D. 4	Voltage meter analog, center console mounted, TST 0-18 volts. Note: Locate: OEM center dash	
D. 5	Amperage meter analog, center console mounted, TST with remote induction sensor - no shunt. Note: Locate: OEM center dash	
D. 6	Hour meter OEM, included in instrument cluster.	
D. 7	Indicator lamp Green, MASTER ON, C.H. LED pilot light. Note: Locate: OEM center dash	
D. 8	Indicator lamp Red, EMERG START, C.H. LED pilot light. Note: Locate: OEM center dash	
D. 9	Indicator lamp Red, DOOR OPEN, C.H. LED pilot light, includes all (9) door switches for exterior compartments and patient access doors. Note: Locate: OEM center dash	



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Itemnumber	Description	
D. 10	Indicator lamp Red, ALTERNATOR, C.H. LED pilot light. Note: Locate: OEM center dash	
D. 11	Indicator lamp Red, PARKING BRAKE, C.H. LED pilot light, w/ buzzer. Note: Locate: OEM center dash	
D. 12	Switch, PRI. SEC. CH LED, lit Red/Amber, center off, primary controls all emergency lights, secondary controls rear Amber warning lights only. Note: See Item #456	
D. 13	Switch, HEADLIGHT FLASHER, C.H. LED, lit White.	
D. 14	Switch, BACK-UP ALARM, C.H., non-lit momentary.	
D. 15	Switch, LEFT FLOOD, C.H. LED, lit White.	
D. 16	Switch, REAR FLOOD, C.H. LED, lit White.	
D. 17	Switch, RIGHT FLOOD, C.H. LED, lit White.	
D. 18	Switch, PATIENT DOME, 3-way, C.H. LED, lit Amber.	
D. 19	Switch, PATIENT HEAT/AC, 3-way, C.H. LED, lit Blue.	
D. 20	Switch, MODULE DISCONNECT, C.H. LED, lit Green.	
D. 21	Switch, EMERGENCY START, momentary toggle w/switch guard, non-lit	
D. 22	Map light 12" Federal, console mounted	
D. 23	100,000 CP Spot light, black rubber, halogen Clear, hard wired. (clip supplied loose)	
500 - ELECTRICAL CONTROL CENTER - OPTIONS		
D. 500		
D. 511	12 Volt wiring, pair. Positive - Negative, terminate behind driver seat w / 3 feet of coil. Note: Quantity (3) These will be used for Portable Radios, Flashlights, use 12 gage wire w/ 10 amp circuit breakers. Locate: (1) one set behind the driver seat. Locate: (1) one set behind the passenger seat. Locate: (1) one set in the streetside Intermediate compartment. Configure: Wire continuously Hot. NOTE: Label all wiring as AUXILARY POWER	\$196
D. 520	SPECIAL: Additional panel required for Terrastar chassis, located on OEM dash, panel for amp & volt meter, and indicator lights. Refer to print.	\$25
D. 521	SPECIAL:	\$246



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Itemnumber	Description	
	AUXILIARY RADIO POWER IN ADDITION TO STANDARD: Positive - Negative - Ignition, with terminal strip. Note: Quantity Four (4) These will be used for Two-Way Radio Power, 10 gage wire with 20 amp circuit breakers. Locate:1 in the front console. Locate:1 bulkhead wall behind the cab drivers seat. Locate 1 bulkhead wall behind the cab passenger seat. Locate:1 behind the rear attendant panel. Label all wiring as RADIO POWER	
D. 522	SPECIAL: OPTICOM ON/OFF SWITCH: Add an ON/OFF SWITCH in the "C" position in front center console. Note: The Opticom is to activate in the primary code 3 mode. The switch will manually activate the Opticom and provide the ability to operate the Opticom at any time.	\$70
D. 523	SPECIAL: GPS SYSTEM: Provide and install a Garmin Nuvi 2595LMT 5" Wide Touchscreen GPS Preloaded Maps - North America Battery Life: Up to 2.5 Hours per Charge Includes Lifetime Map Updates Lifetime Traffic Updates(3D Traffic) Wireles Bluetooth enabled for hands free phone calls !!!Exact location to be determined at Pre-construction meeting!!!	\$286
D. 524	SPECIAL: BLUE TOOTH HANDS FREE SYSTEM: PARROT CK3100 LCD Bluetooth hands free car kit with LCD display	\$200
600 - ELECTRICAL PATIENT COMPARTMENT - STANDARD		
E.		
E. 1	Dome lamps, ceiling, Eight (8) flush-mount halogen two-stage, Clear lenses, door jamb-switch activated (high intensity) and switch panel activated (high-low) Note: See Item #630	(\$85)
E. 2	Electrical outlet 12 volt, (2) , rear action wall, and ALS cabinet, cigarette style.	
E. 3	Electrical outlet (2) 120V, ALS cabinet, action wall, with pilot lights, mounted on grey plastic housings, wired to shore power.	
E. 4	Switch plate rear, (10) position Black Santex (switch plate only) back lit, (includes blank legends) Note: Refer to item #632 & A227, Relocate to the curbside angled cabinet.	
E. 5	Switch, DOME, 3-way, C.H. LED, lit Amber.	
E. 6	Switch, DOME HI-LO, C.H. (non lit)	
E. 7	Switch, ELECT SUCTION, C.H.LED, lit Amber. Note: See Item #632	
E. 8	Switch, EXHAUST, C.H. LED, lit Amber.	
E. 9	Switch, PATIENT HEAT A/C, 3-way, C.H. LED, lit Blue.	



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Itemnumber	Description	
E. 10	Switch, A/C, FAN HI-LO, C.H, (non-lit)	
E. 11	Switch, A/C, HEAT-COOL, C.H. (non-lit)	
E. 12	Switch, COMPARTMENT LIGHTS, C.H. LED, lit White Note: See Item #632	
E. 13	Switch defeat, PATIENT DOME, side and rear door, C.H. (not lit)	
E. 14	Switch defeat, RIGHT FLOOD, C.H. (non-lit)	
E. 15	Switch defeat, REAR FLOOD, C.H. (non lit)	
E. 16	Switch plate, (Defeat Switches) (2) position Black Santex.	
E. 17	Radio rear volume control for AM/FM, action wall area See print for location.	
E. 18	AM-FM Speakers (2) above rear access doors in patient compartment	
E. 19	Shore power, 120V, 15 amp, behind driver door, Hubbell cast cover, wired to 110V outlets in patient compartment. Note: See Item #refer to option 634	
E. 20	Restocking light time, squad bench wall @ head end, five minute, controls (4) dome lights over cot (high intensity) Note: See Item #227	
E. 21	Clock, Emergency Time Manager, mounted in action wall panel, chimes.	
E. 22	Interior cabinet lighting, LED disc lights in compartments, action wall panel, and ALS cabinet to have LED strip lighting, both activated w/ switch in action wall Note: See Item #632	
E. 23	Step Well Light LED, located in side door step well, door switch activated, (Grote)	
E. 24	Inverter Pre-Wire, Includes 12 volt Pos-Neg with Anderson quick disconnect connector, terminating inside inverter compartment. (Does not include remote panel or rocker switch)	
600 - ELECTRICAL PATIENT COMPARTMENT - OPTIONS		
E. 600		
E. 619	Rear view Camera system, (1) camera (VOYAGER - VCCS130 KIT) with rear view mirror mounted color monitor (BOYO-VTM600). Note: Order with rear view mirror (chassis does not come with mirror)	\$696
E. 630	Dome lights ILOS, (8) Keniquip LED White	\$640
E. 632	SPECIAL:	\$31



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Itemnumber	Description	
	OPTIONAL ATTENDANT AREA SWITCHING: The main panel has been relocated curbside. Install a 4 switch panel in the standard switch panel location.	
	Switch, COMPARTMENT LIGHTING Switch, ELECTRIC 02 Switch, ELECT SUCTION, C.H.LED, lit Amber. Switch, Spare	
E. 633	SPECIAL: LARGE FORMAT DIGITAL CLOCK: Leader Style: "SkyScan" Atomic Clock. Locate: Center over the Rear Doors.	\$110
E. 634	SPECIAL: BATTERY CHARGER: Newmar/Kussmaul 20 amp Charger, W/ Charge monitor #091-170-12-IND, will require a rubber gasket for charge monitor #091-39-109 Locate: Charger In the bottom of the Street side Bulkhead Cabinet. Locate: Charge Monitor above exterior shore inlet.	(\$5)
E. 635	SPECIAL: AIR RIDE DUMP SWITCHES: Auto Dump Feature: Install a door switch in the rear left (driver side) door jam to activate the Air Dump system (requires kneel module). Manual Dump Feature: Install a Rocker on the rear left inner door panel to activate the Air Dump system.	\$240
700 - ELECTRICAL AND MECHANICAL - STANDARD		
F.		
F. 1	Air conditioning/heater, driver compartment switching control dash, Ford OEM, w/ prep for rear air. Note: Navistar OEM. Includes dual compressors, one for cab and one for conversion.	
F. 2	Air conditioning/heater, patient compartment, ducted central air, with intake vent, and (6) A/C round louvers.	
F. 3	Air conditioning hose, shielded low loss, wedged on fittings, R134 (included w/ F2)	
F. 4	Heater hose, Nomex, Ford QVM (included w/ F2)	
F. 5	Quad system, back-up emergency start, redundant battery system wiring and electrical components. Center console mounted LED Red lamp to indicate system activation. Includes (2) additional 65 series batteries located in battery box. Note: Tri start system, (2) Primary Batteries, and (1) Emergency Boost Battery. Batteries located under Streetside Cab Door.	
F. 6	Shut Down Timer, with 5 min. delay activated via ignition switch.	
F. 7	Wiring loom, Leader fabricated, hi temp SXL, color coded, number coded and function labeled, with split loom wire protection	
F. 8	Antenna wiring (2) RG58AU coax, roof location # 1 & 2 with Stainless Steel (Interior) access plates, terminate in cab, inside center console. Note: Delete	(\$16)
F. 9	Two-way radio power, Pos - Neg, Terminate inside center console w/ 3' of coil	



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Itemnumber	Description	
F. 10	Power Exhaust vent, left rear, Cast Products exterior cover, interior louver round	
F. 11	Remote door lock release, front grille. NOTE: Installation of Remote Door Lock Switch feature may increase the likelihood of unauthorized entry into vehicle. With this feature, purchaser further agrees to hold Leader Ind. or chassis manufacturer harmless for any loss of vehicle or contents caused by unlawful access. (Customer has the option to Delete this feature)	
F. 12	Reverse activated (rear) loading lights	
F. 13	Auto Throttle (Gas Engine), In-Power #ETM52QVM-2 (Ford QVM Approved) Note: Navistar Idle control	(\$118)
700 - ELECTRICAL AND MECHANICAL - OPTIONS		
F. 700		
F. 701	Air conditioning auxiliary condenser, (single fan), not Leader approved - manufacture warranty only. Located underbody rearward of battery box. Note: Required on Navistar	\$1,036
F. 711	Power door locks for exterior compartment doors. (Except Battery Compartment door).	\$343
F. 720	SPECIAL: LED COMPARTMENT LIGHTING: LED Rope light installed on the left and right side of each compartment door opening.	\$404
F. 721	SPECIAL: RADIO, MDT, INTERCOM INSTALL: Refer to option 40.10 Radio, MDT, Intercom install by 911 Communication. Leader will need to provide holes and raceways for antenna leads a harnesses.	\$200
F. 722	SPECIAL: FLASHLIGHTS: Provide Two (2) Black Pelican 9410 flashlights with 12V vehicle chargers. Install in streetside intermediate compartment, refer to option #511 for power.	\$383
800 - OXYGEN SYSTEM - STANDARD		
G.		
G. 1	Aspirator, action wall area, SSCOR 22000, flush mount panel and gauge.	
G. 2	Vacuum pump, 12V, w/vent tube to exterior.	
G. 3	Oxygen system, Amico Ohio style quick release, (3) outlets, (2) in actionwall panel, (1) on wall above squadbench @ headend Note: See Item #802	(\$43)
G. 4	ZICO Main O2 Bracket - Locate in M1 exterior compartment. Capable of holding either "M" or "H" tank	
G. 5	Oxygen wrench, fasten cable to wall by oxygen bottle.	
800 - OXYGEN SYSTEM - OPTIONS		
G. 800		



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Itemnumber	Description	
G. 802	Flowmeter Integrated, Amvex 0-15 LPM (Tube Style) Replace (1) Standard Oxygen Faceplate	\$198
G. 808	Electric switched oxygen with digital read out, replaces manual system, includes manual by-pass. Note: See Item #632	\$636
G. 840	SPECIAL: CUSTOM "D" CYLINDER STORAGE BRACKET: Configure to accomodate 4 "D" cylinders. Locate: In the top of the right side bulkhead cabinet.	\$546
G. 841	SPECIAL: PORTABLE SUCTION: 1- Laerdal Compact Suction Unit 4 (LCSU 4) with the 800 ml canister. With portable carry bag. Ship loose	\$707
900 - HARDWARE -STANDARD		
H.		
H. 1	Seat belts (4) Total, retracting lap belts, (2) for squad bench attendants, (1) for patient on squad bench, (1) for attendant seat on CPR seat	
H. 2	I.V. holders, (2) positions, #1 & #3, Cast Products # A20-14 flush mount, polished aluminum.	
H. 3	(3) Anti-Microbial 1-1/2 inch diameter stainless steel satin finish, angled door handles mounted on module access doors.	
H. 4	Ceiling grab rail Anti-Microbial, center mounted, stainless steel, satin finish 1-1/2" diameter, 72" length. Note: See Item #931,932	(\$77)
H. 5	Door sills, (rear), bright stainless steel, w/ramp edge, (side) bright stainless steel sill 1 1/2" x 2 1/2"	
H. 6	Net, Front end of squad bench, 4 anchor fasteners, (1) ratchet, Black 1 1/2" webbing	(\$63)
900 - HARDWARE - OPTIONS		
H. 900		
H. 914	Fire extinguisher, ABC, 5 lb. quick release bracket, (shipped loose).	\$50
H. 931	SPECIAL: CEILING GRAB BAR 96" Install 96" grab bar, center over Right edge of cot. Refer to Prints	\$111
H. 932	SPECIAL:	\$264



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Itemnumber	Description	
	<p>ADDITIONAL GRAB BARS: Four (4) Install (2) 24" grab bars, (1) on each side of the CPR seat next to streetside wall. Install (1) 24" grab bar at a 45 degrees on the curbside interior wall to assist with entry into the rear of the module.</p> <p>Install (1) 24" grab bar at a 45 degrees on the step well side of the bench restraint to assist with entry into the rear of the module.</p> <p>Refer to Prints</p>	
H. 933	<p>SPECIAL:</p> <p>WATER EXTINGUISHER MOUNT: Provide and install a Amerex #810 vehicle mounting bracket for a 2.5 gallon stainless steel water extinguisher in the left rear corner wall of the #1 compartment.</p>	\$85
H. 934	<p>SPECIAL:</p> <p>Supply & install mounting brackets for Customer Supplied Iron set, and bolt cutters, and fabricate a bracket to prevent a Partner Saw #950 from falling over in the drivers side rear compartment.</p> <p>NOTE: Customer will need to supply: - Iron Set - Bolt Cutters - Partner Saw #950</p>	\$425
1000 -PATIENT HANDLING EQUIPMENT - STANDARD		
I.		
I. 1	<p>Cot fastener, Stryker #6370 floor mount, single position, front antlers removable. (Center Mount Position) Note: Set for Stryker 6506 Power Pro cot.</p>	
1000 -PATIENT HANDLING EQUIPMENT - OPTIONS		
I. 1000		
I. 1008	<p>Cot, Stryker POWER - PRO XT #6506, (1) SMRT Charger, (2) SMRT PAKS and (1) Selected Power Cord 12V or 120V, G Rated Bolster Mattress, G Rated Restraint Package. (Options listed below are for Stryker MX PRO cots only) Note: Options added to standard cot: Dual Adjustable Wheel Lock 6086-502-010 - (N/C) G Rated Restraint Package 6500-002-030 - (N/C) 3 Stage IV Pole(patient right) 6500-215-000 Equipment Hook 6500-147-000 Pocketed Back Rest Pouch 6500-130-000 Base Storage Net 6500-160-000 Trendelenburg 6085-031-000 - (STD) G Rated Bolster Mattress 6506-034-000 - (STD) 12V DC Cable (Automotive) 6500-027-000 - (STD) SMRT Charger Mounting Bracket 6500-034-000 No Power-LOAD Cot Compatibility 6506-029-000 No Steer-Lock 6506-037-000</p>	\$14,083
I. 1029	Add Stryker Yellow safety hook w / 2" reflective tape on rear door sill.	\$66
1100 -PAINT, BODY AND GRAPHICS - STANDARD		
J.		



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Itemnumber Description

J. 1 An acrylic urethane paint process is required on the module body.

J. 2 Emblems, Leader front fenders, rear doors, no smoking labels, ETC.

1100 -PAINT, BODY AND GRAPHICS - OPTIONS

J. 1100

J. 1115 Custom paint/graphics, submit drawings, paint brand, sample colors, paint #. \$3,200

Note: Cab to be repainted RED
Module is to be painted RED
Color Code: Sikkens RED FLNA ##### To be Determined

J. 1120 SPECIAL: \$1,440

Note: BELTLINE STRIPE: Single 6" beltline, Mid Body, upward jog on the forward portion of the module.
Refer to prints.
SCOTCHLITE, White reflective.
The stripe shall include 1/4 inch Black reflective pinstripe on edges.

J. 1121 SPECIAL: \$3,000

Note: GOLD LEAF LETTERING (SIGN-GOLD):
Laminated Sign Gold Leaf, 1" Engine turn, 1/8" Balck borders.

Module Sides:

"LONG BEACH" (Arched) approximately 8" Scale to fit
"FIRE DEPARTMENT" (Straight) approximately 6" Scale to fit

Other lettering:

"PARAMEDIC" (Straight) 4 inch in white beltline
Red Reflective Scotchlite

Module Rear:

"LONG BEACH" (Straight) 4" below windows
"FIRE DEPARTMENT "

Other lettering:

"PARAMEDIC" (Straight) 4 inch in white beltline
Red Reflective Scotchlite

ADDITIONAL LETTERING:

Unit Numbers:

White Reflective Scotchlite (Straight) 5.5 inch, Four (4) sets of each
Apply one matching set to all four side of the unit.
White Reflective Scotchlite (Straight) 16" inch, One (1) set of each
Applied center on the module roof.

3 Units

Unit #1 "R ##"
Unit #2 "R ##"
Unit #3 "R ##"

Refer to prints.



11/15/2013

Long Beach Fire Department

Customer

1212

Steve De La Montanya
143 Meadow Place
Windsor, CA 95492

707-546-1070

3205 Lakewood Blvd.
Long Beach, CA 90808
Scott Hart

(562) 570-3355

VIN Number

Parent Job 1212

Itemnumber	Description	
J. 1122	SPECIAL: Note: REAR CHEVRON REFLECTIVE STRIPE: There shall be a rear Chevron reflective stripe on the flat rear surfaces. The stripes shall be NFPA 1091 compliance. The Chevron stripes shall be 6.00 wide and be in an upside down "V" pattern. The colors shall be Red and Yellow per NFPA 1901 requirements. Color: 3M Conspicuity Fluorescent Yellow Green #983-23 Color: 3M Electro Cut Red #1172 Note: Matching RED Conspicuity material will be provided as a background for lettering applied on the rear of the module.	\$1,500
J. 1123	SPECIAL: DOOR DECALS: Install Customer Supplied Door logo decals.	\$80

By signing the following document you are entering into a sales agreement with Leader Industries to purchase the above vehicle/s.

Contract Total: \$215,831.00

Customer Representative

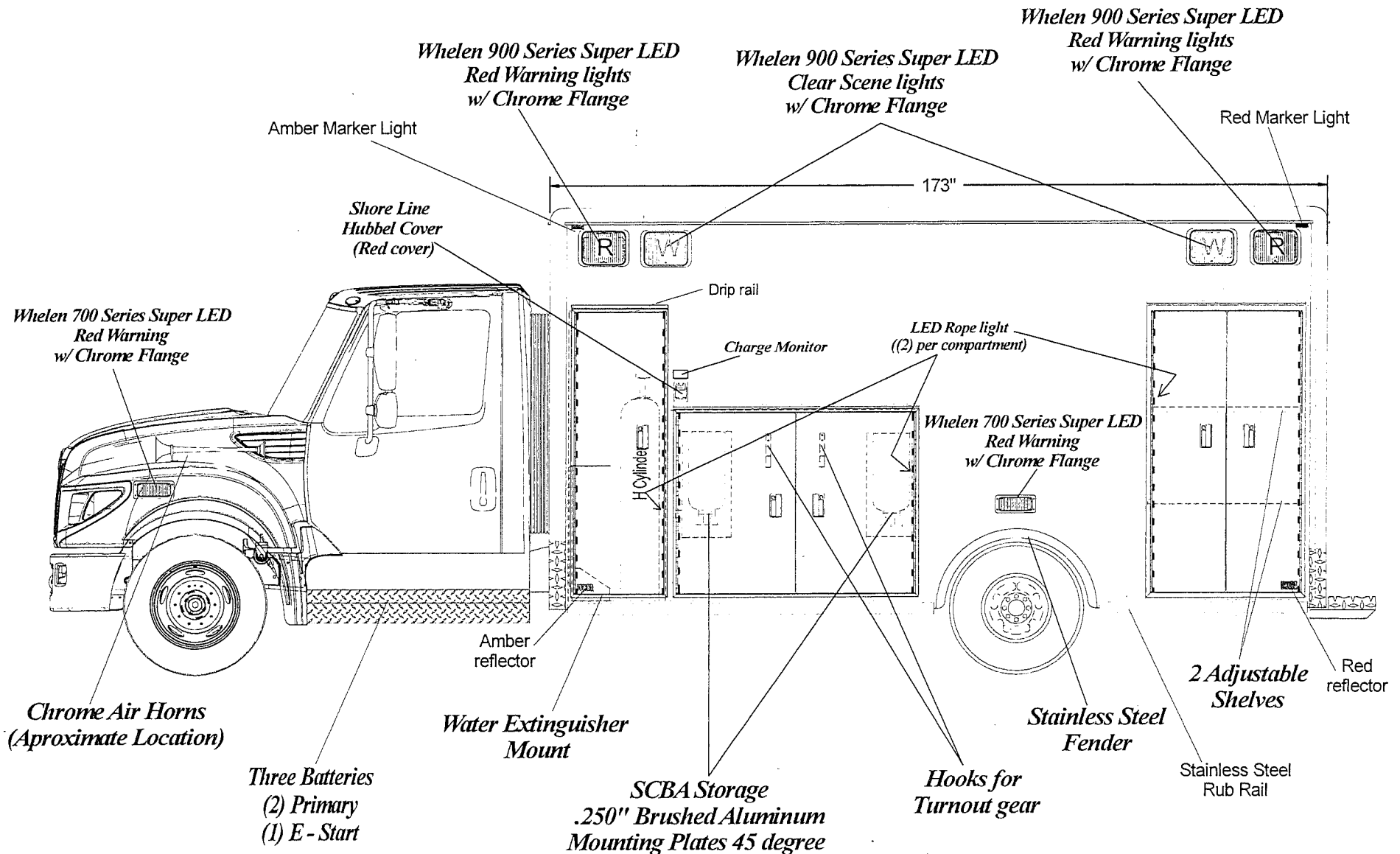
Date:

Sales Representative

Date:

Long Beach Beach Fire Type I 2013

96" X 173" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone: (626) 575-0880

VIEW: Streetside Exterior

Drawn By: Jorge M.

Date: July- 2013

LE- #1



Long Beach Fire Type I 2013

96" X 173" Module on Terrastar 175" WB chassis, 72" Headroom

WHELEN 4500 Lightbar LED
88" long All Red Lenses
w/ (2) clear lenses
Double Flash

Clear Lens

Amber Marker Lights
(On Lightbar)

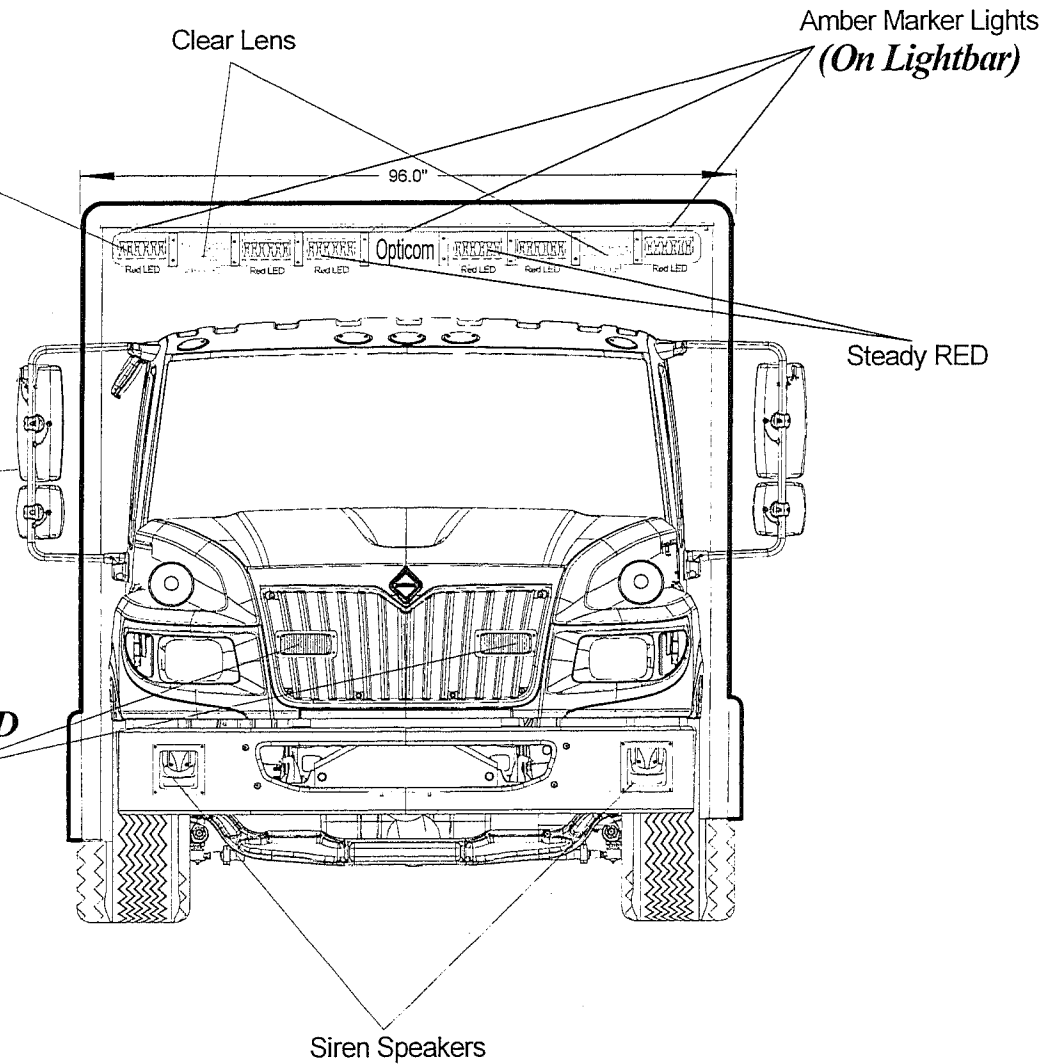
96.0"

Steady RED

OEM Mirrors
Narrowed to 110" OD

(2) Whelen 700 Series Super LED
Red Warning lights
w/ Aluminum housings

Siren Speakers



Note: All dimensions are approximate and subject to change.

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VIEW: Front Exterior

Drawn By: Jorge M.

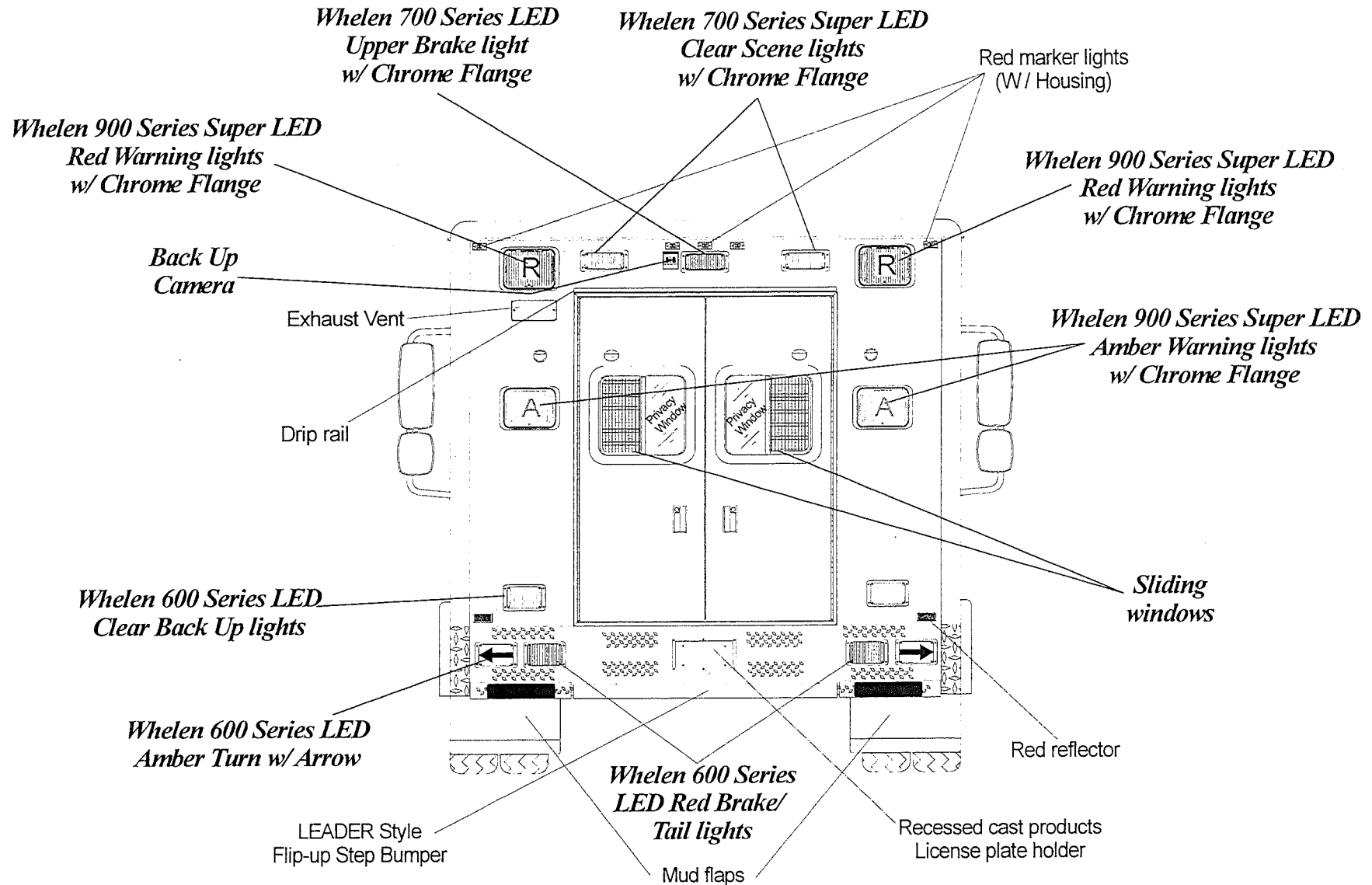
Date: July - 2013

LE- #3



Long Beach Fire Type I 2013

96" X 173" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

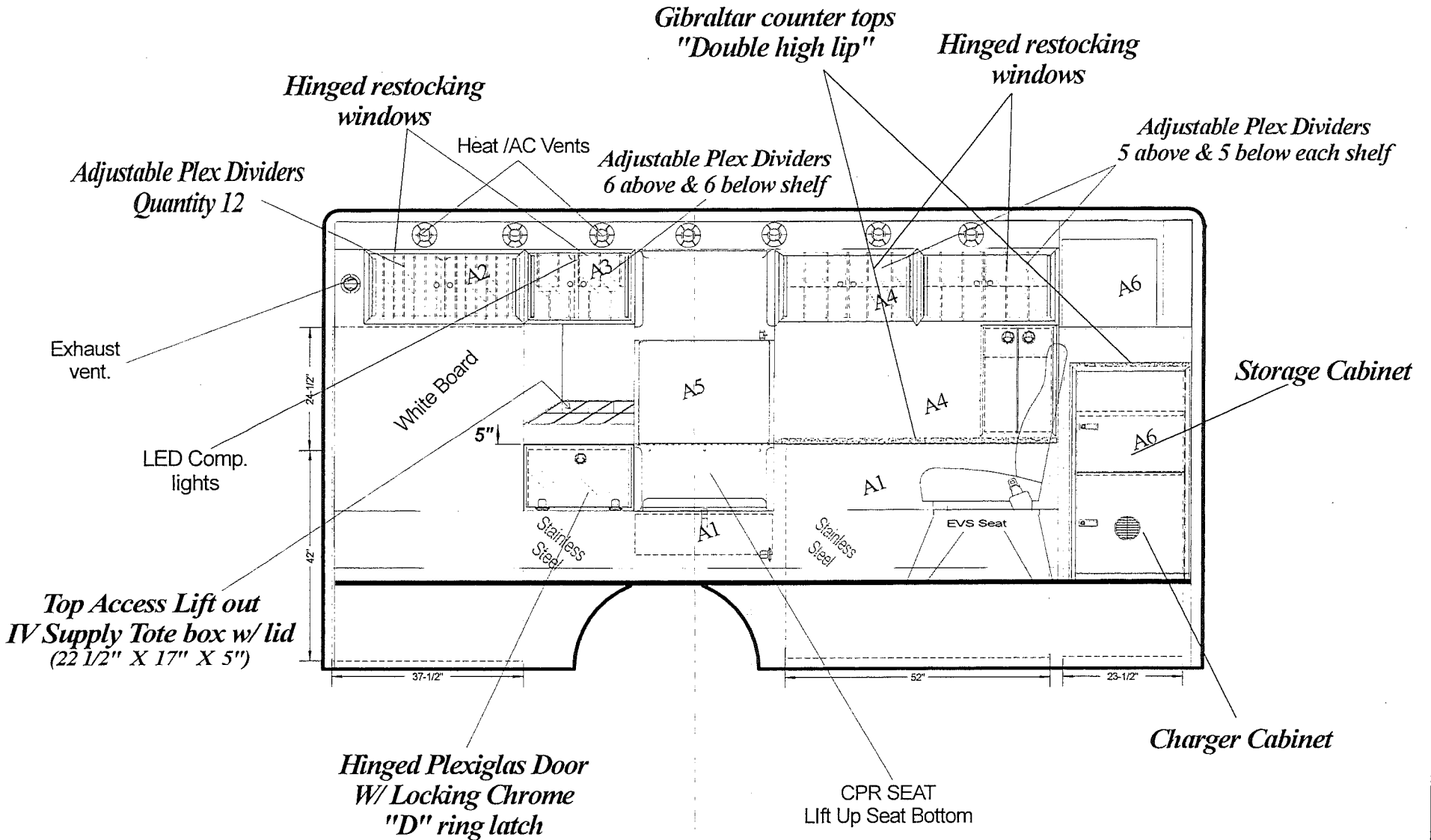
VIEW: Rear Exterior

Drawn By: Jorge M.

Date: July - 2013

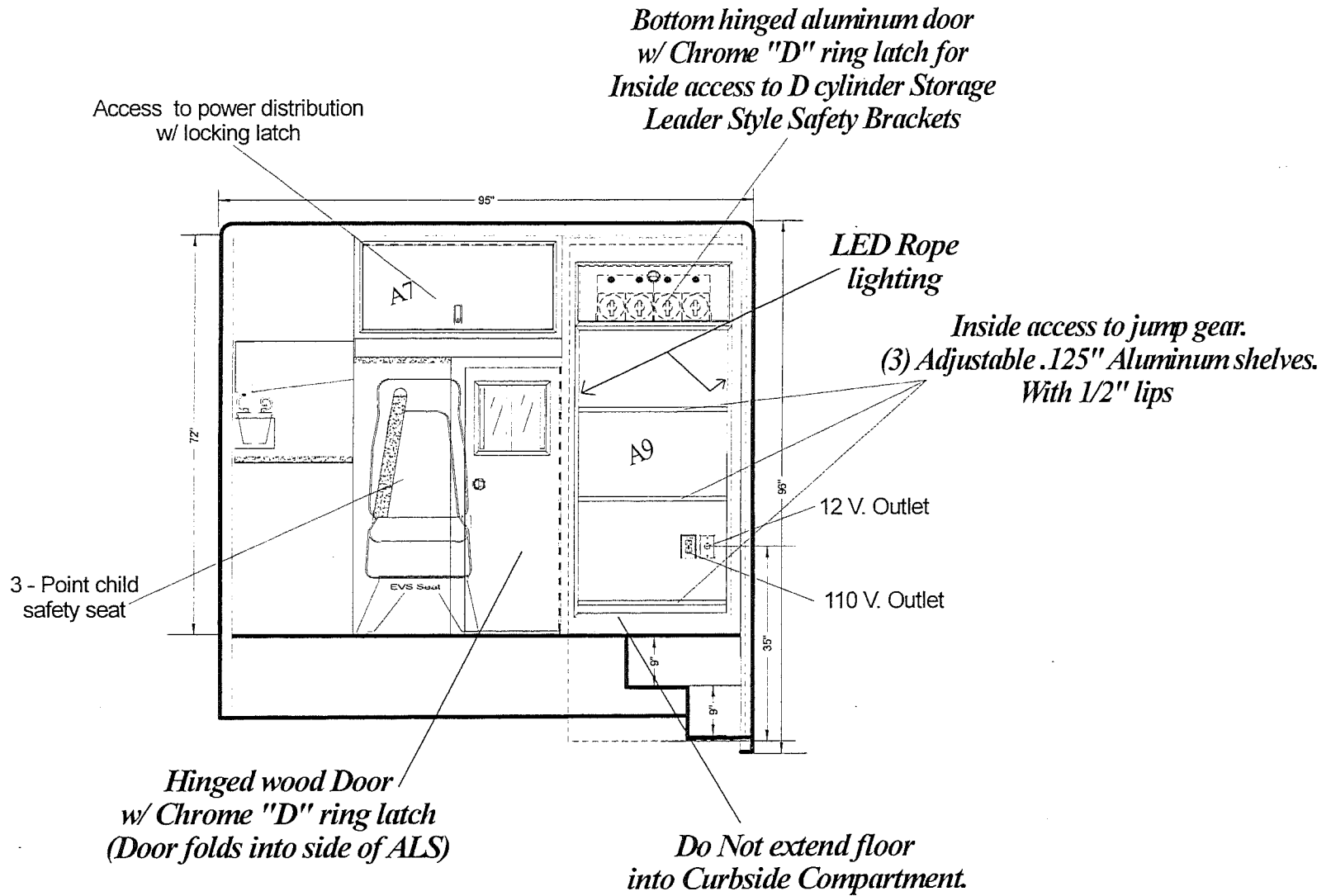
LE-#4





Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880



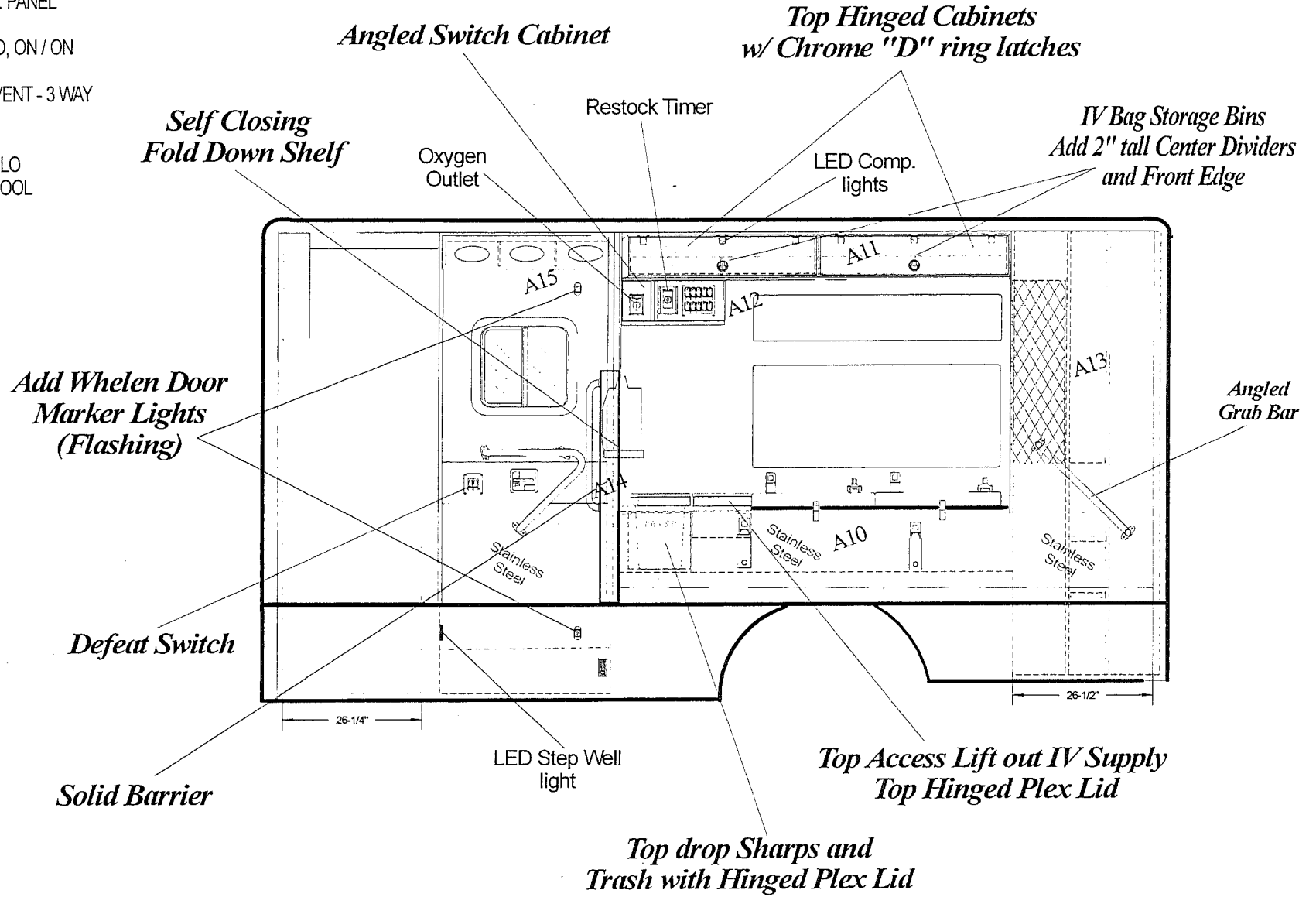
Note: All dimensions are approximate and subject to change.

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Long Beach Fire Type I 2013

96" X 173" Module on Terrastar 175" WB chassis, 72" Headroom

CURBSIDE SW. PANEL
 A= DOME ON
 B= DOME HI-LO, ON / ON
 C= BLANK
 D= EXHAUST VENT - 3 WAY
 E= SUCTION
 F= A/C ON
 G= A/C FAN HI-LO
 H= A/C HEAT/COOL
 I= BLANK
 J= BLANK



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Curbside Interior

Drawn By: Jorge M.

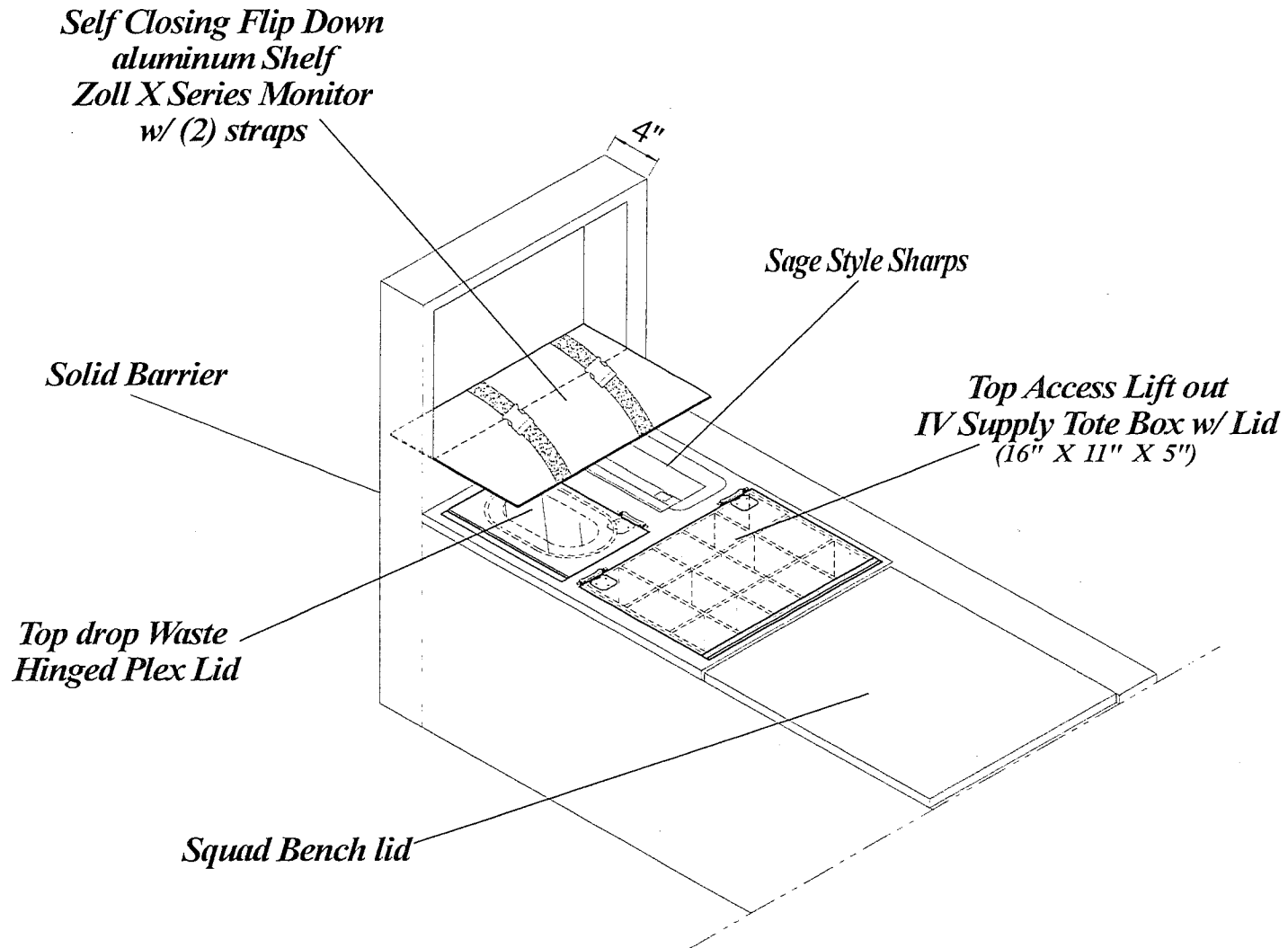
Date: July - 2013

LE- #7



Long Beach Fire Type I 2013

96" X 173" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Head End Detail

Drawn By: Jorge M.

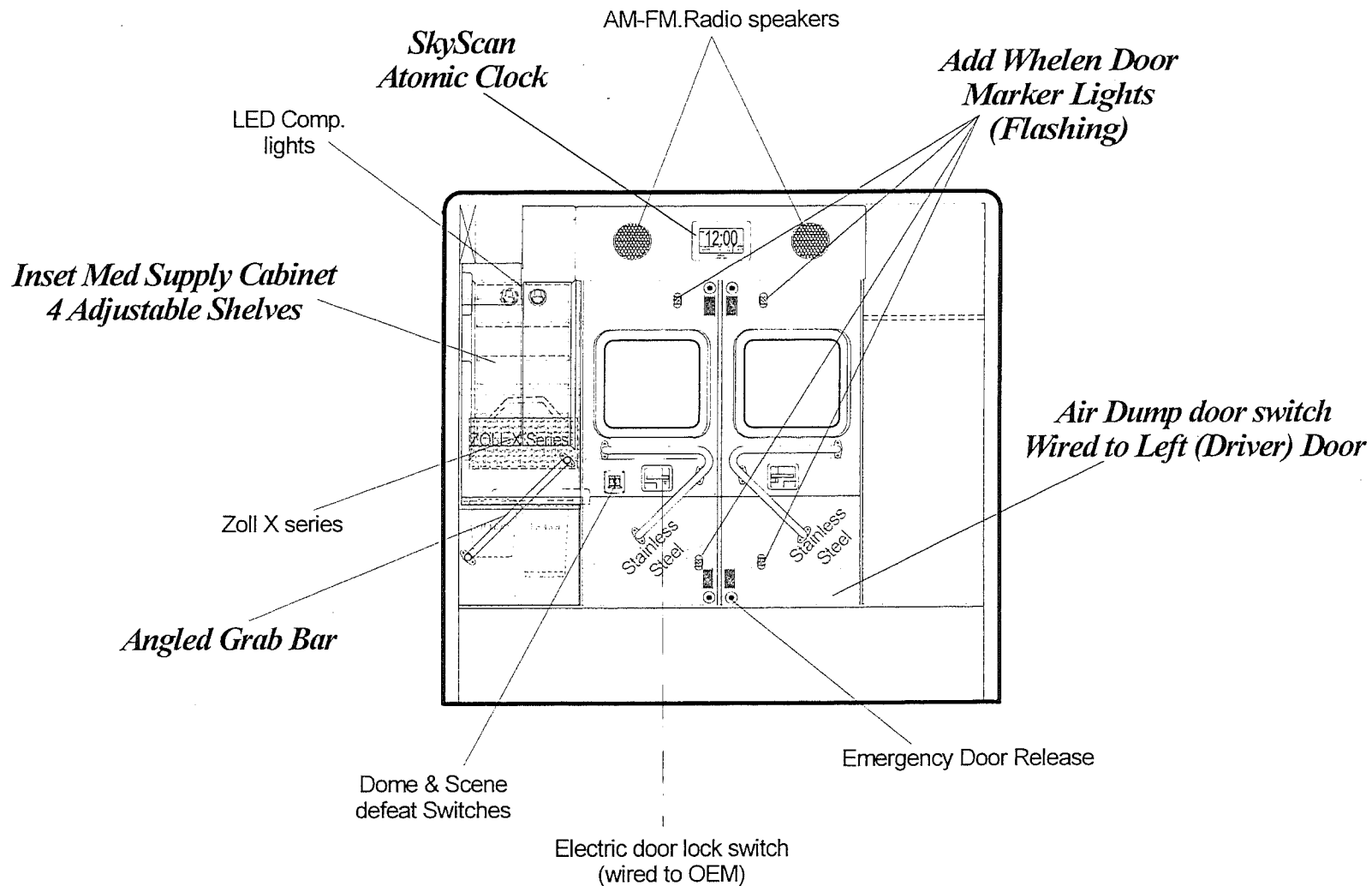
Date: July - 2013

LE-#7A



Long Beach Fire Type I 2013

96" X 173" Module on Terrastar 175" WB chassis, 72" Headroom



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

VIEW: Rear Interior

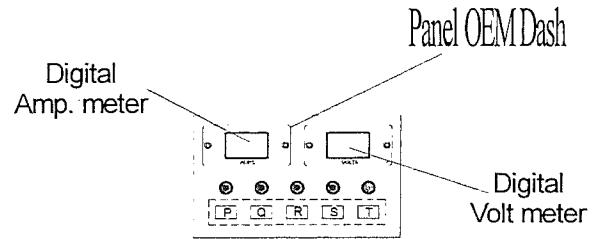
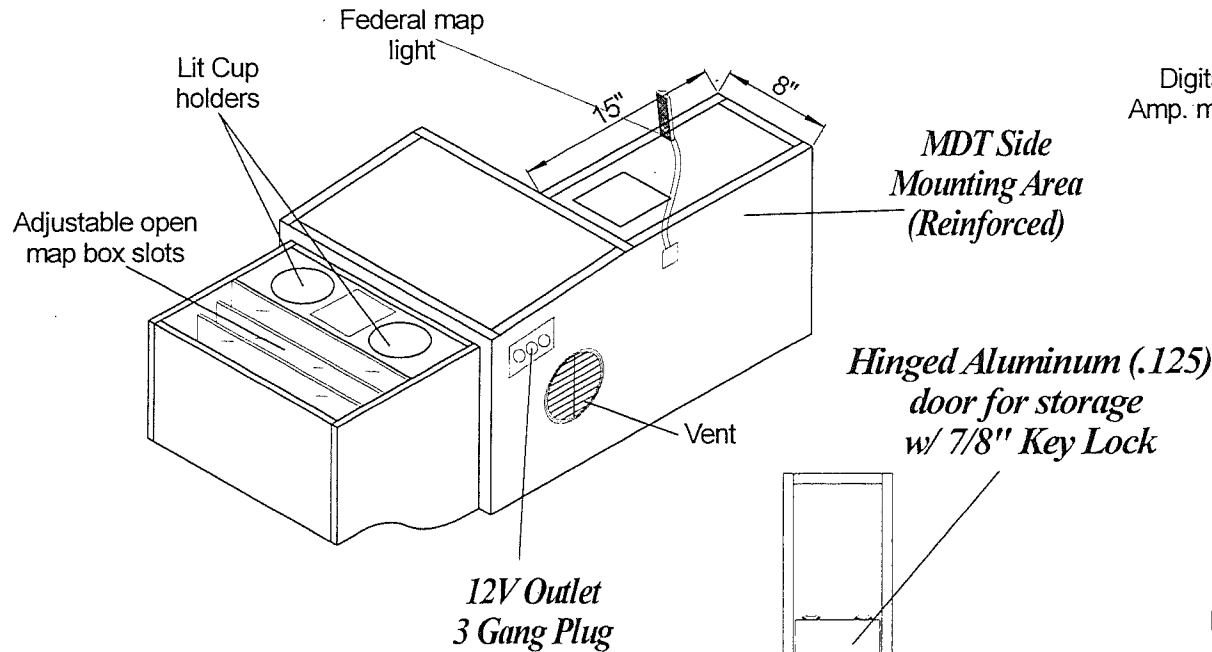
Drawn By: Jorge M.

Date: July - 2013

LE-#8



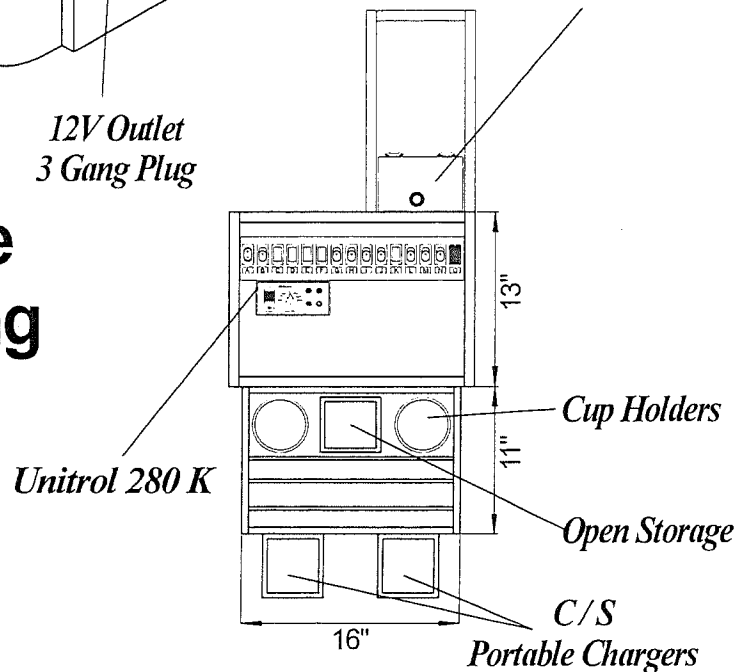
CUSTOM CONSOLE



(INDICATOR LIGHTS)

- P.PILOT LIGHT - PARKING BRAKE LED
- Q.PILOT LIGHT - RED DOOR OPEN LED
- R.PILOT LIGHT - RED EMERGENCY START LED
- S.PILOT LIGHT - RED ALTERNATOR LED
- T.PILOT LIGHT - GREEN MASTER ON LED

**Final Console
Layout pending
Engineery**

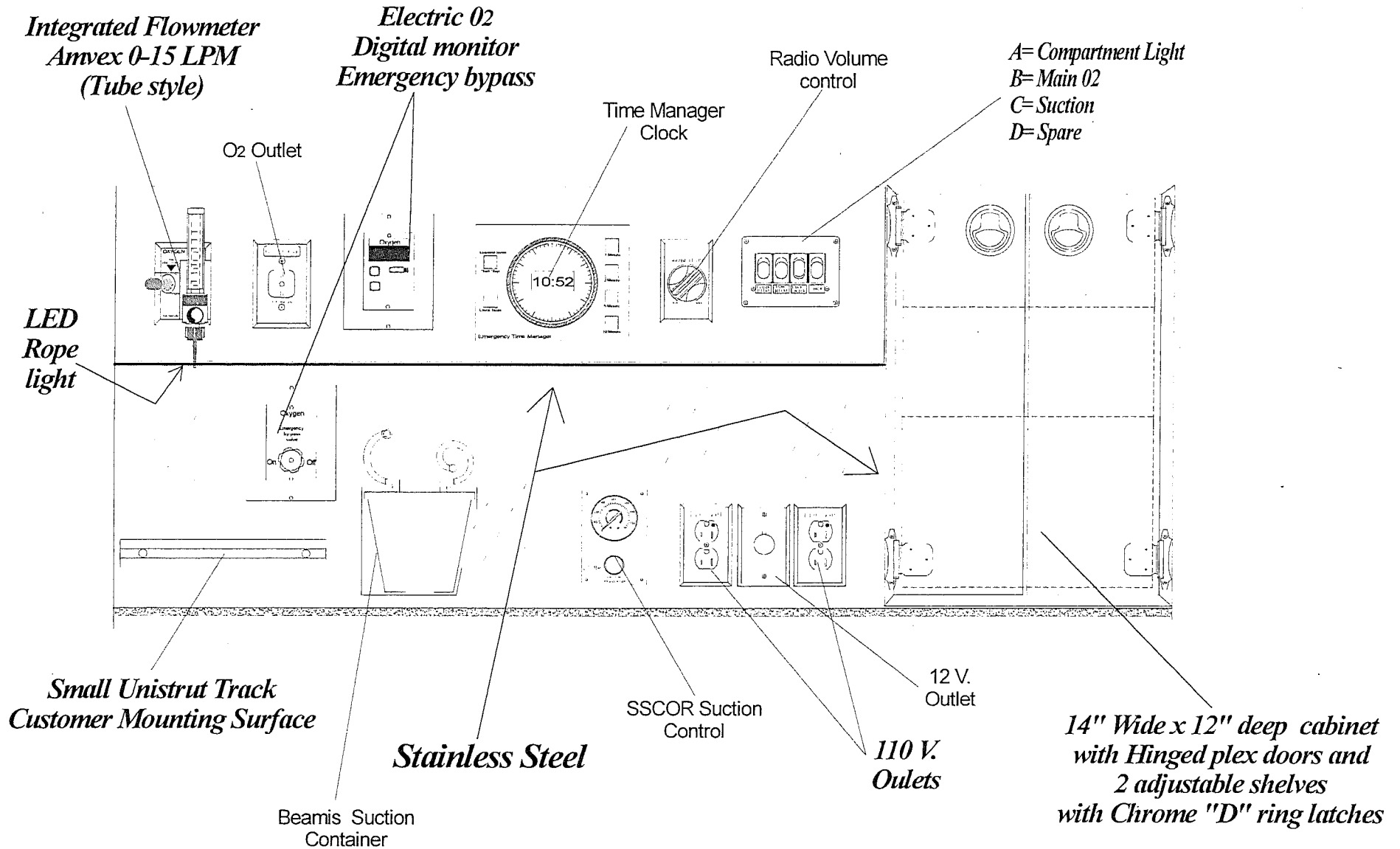


Data Panel

- A- PRI - SEC - LIT RED/AMBER LED
- B- HEAD LIGHT FLASHER - LIT CLEAR LED
- C- OPTICOM DEFEAT**
- D- BLANK
- E- BLANK
- F- BLANK
- G- BACK UP ALARM MOM. ON - NON LIT
- H- LEFT SCENE - LIT WHITE LED
- I - REAR SCENE - LIT WHITE LED
- J- RIGHT SCENE - LIT WHITE LED
- K- PATIENT DOME 3 WAY ON-ON - LIT AMBER LED
- L- PATIENT A/C 3 WAY ON-ON - LIT BLUE LED
- M- BLANK
- N- MODULE DISCONNECT - LIT GREEN LED
- O- EMERGENCY START, ON OFF GUARDED NON LIT

Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880



Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

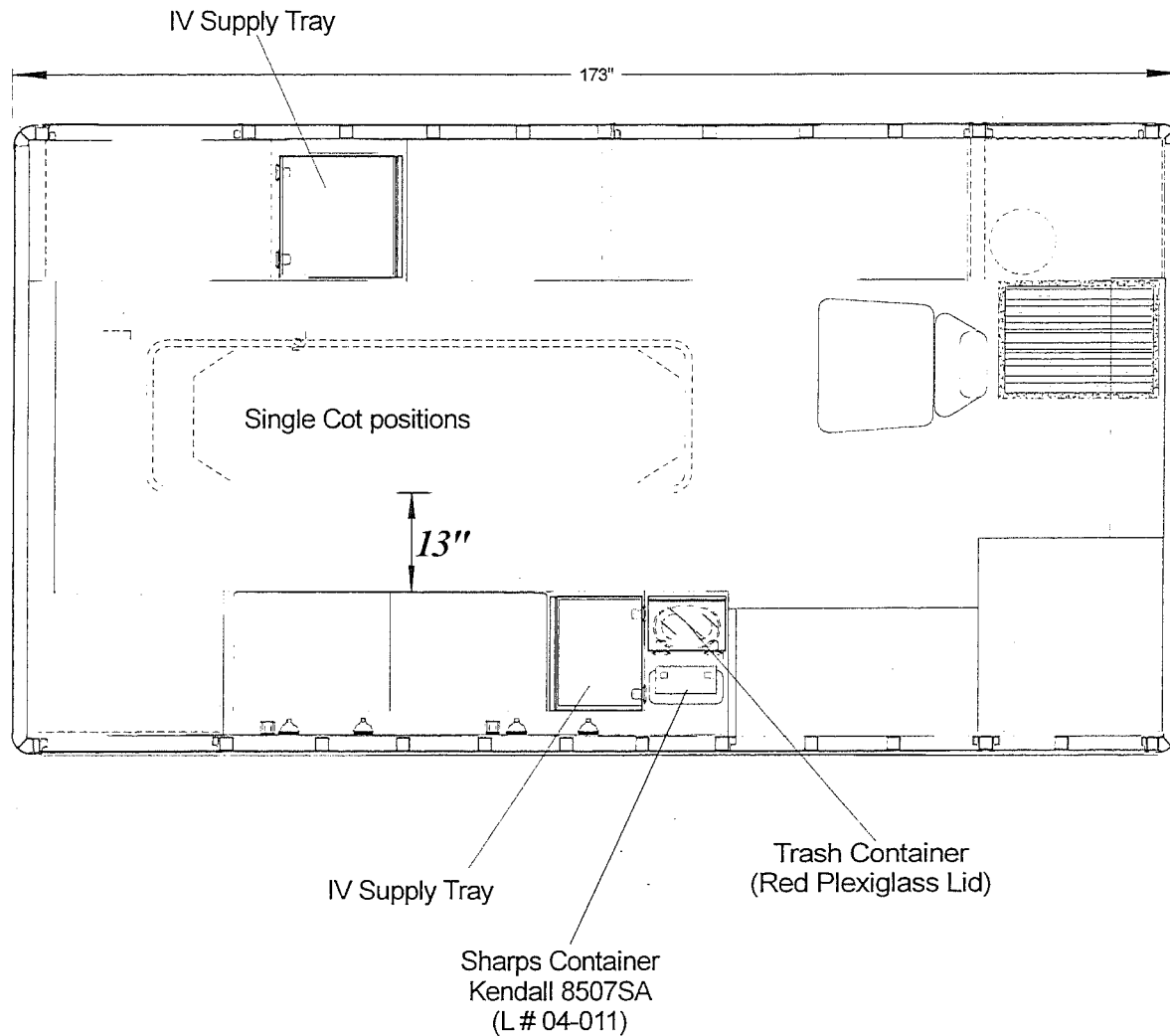
VIEW: Switch Panel

Drawn By: Jorge M.

Date: July - 2013

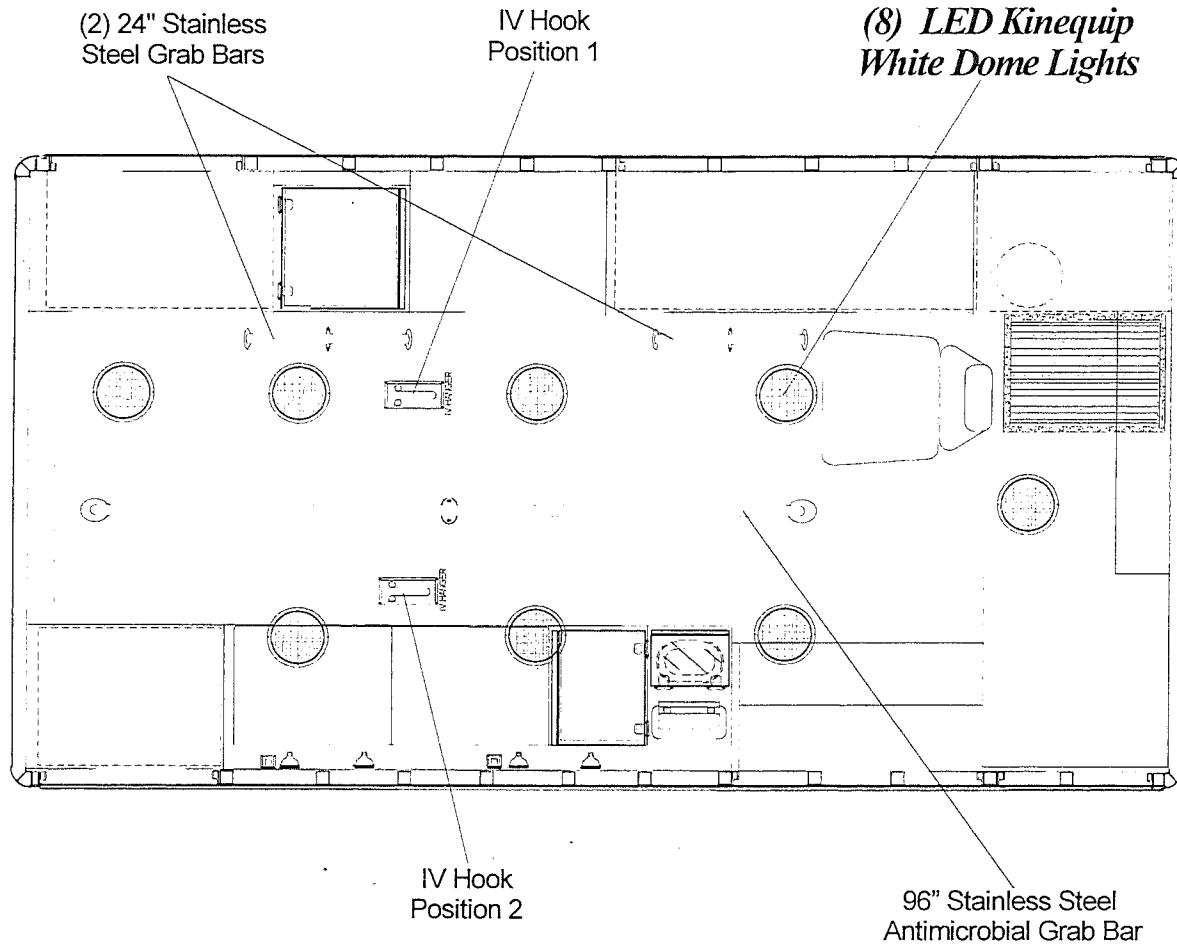
LE-#10





Note: All dimensions are approximate and subject to change.

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Note: All dimensions are approximate and subject to change.

10941 Weaver Ave., So. El Monte, CA 91733 phone. (626) 575-0880

Long Beach F.D.

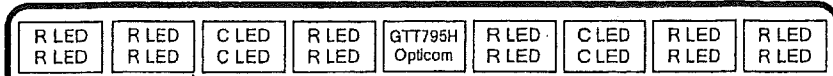
4500 Series Light Bar Order Form/Worksheet

Configuration

Front Facing Light bar

Driver Side

Passenger Side



Lenses

Clear Clear Clear Clear Clear Clear Clear Clear Clear



Internal Harness Connectors and Colors



Line Items

QTY	Model #	Description
1	45B88R	Build A Bar configuration, with red ICC Lights
1	795H	Add GTT 795H Opticom Emitter
1	45795H	Pre-wire for GTT 795H Opticom Emitter
2	45CLR	Add Corner Linear LED Red/Red duplex
4	45FLR	Add 400 series Linear LED Red/Red duplex
2	45FLC	Add 400 series Linear LED White/White duplex
✓ 2	45LFLASH	Add Internal Auxillary Flasher

The above costs (in US Dollars) is an estimate only. Refer to the current Whelen Automotive Price List for accurate pricing!

Order Information

Order Date 7/22/2013
 Account Number
 Project Name
 Vehicle Type
 Voltage 12
 Bar Length 88
 WECAD Version Application is not deployed using ClickOnce