



Nassau County Shared Services,  
Office of Purchasing

**A-38-21**

2021 JUL -1 A 3:22

**Staff Summary A-38-2021**

<b>Subject: Ambulances</b> (S/B # 07003-04011-035)
<b>Department:</b> Department of Shared Services Office of Purchasing
<b>Department Head Name:</b> Melissa Gallucci
<b>Department Head Signature</b> <i>Melissa Gallucci</i>

<b>Date:</b> May 17, 2021
<b>Vendor Name:</b> L.I. Proliner, Inc.
<b>Contract Number:</b> A-38-2021
<b>Contract Manager Name:</b> Anette Sullivan, Buyer

Proposed Legislative Action					
	To	Date	Approval	Info	Other
	Assgn Comm				
	Rules Comm				
	Full Leg				

Internal Approvals			
Date & Init.	Approval	Date & Init.	Approval
	Dept. Head		
<i>RP</i>	Budget	5/24/21 <i>HA</i>	County Atty.
	Deputy C.E.	<i>HA</i> 5/27/21	County Exec.

**Narrative:**

**Purpose:** To authorize and award a blanket purchase order for ambulances for the Nassau County Police Department's Emergency Ambulance Bureau.

**Discussion:** This solicitation was advertised in Newsday and the New York State Contract Reporter and posted to the Nassau County Bid Solicitation Board. A copy was sent to Minority Affairs.

13 Vendors viewed the bid

1 Woman owned

0 Service-Disabled Veteran Owned

0 Minority

0 Veteran Owned

2 Small Business

4 Vendors bid on this solicitation

0 Woman owned

0 Service-Disabled Veteran Owned

0 Minority

0 Veteran Owned

1 Small Business

The identified lowest responsible bidder, L.I. Proliner, Inc., is not listed in any of the above categories.

**Impact on Funding:** The maximum amount authorized under this blanket purchase order, including any renewal options that may be exercised by the Commissioner of Shared Services, is Fifteen Million Dollars (\$15,000,000.) from Capital Project 50619. The term of this blanket purchase order shall be for a period of one (1) year from the effective date, with the Commissioner of Shared Services option to renew up to an additional four (4), one (1) year periods and an additional two (2) month period, for a total term of five (5) years, two (2) months.

**Recommendation:** Department of Shared Services, Office of Purchasing recommends an award be given to L.I. Proliner, Inc., as the lowest responsible bidder meeting specifications.

APPROVED: *[Signature]* 5/20/21

INSURANCE SECTION

REAL ESTATE, INSURANCE AND  
CORPORATE ADMINISTRATION

(0412)

A RESOLUTION AUTHORIZING THE COMMISSIONER OF SHARED SERVICES TO AWARD AND EXECUTE A BLANKET PURCHASE ORDER BETWEEN THE COUNTY OF NASSAU, ACTING ON BEHALF OF THE NASSAU COUNTY POLICE DEPARTMENT, AND L.I. PROLINER, INC.

WHEREAS, the NASSAU COUNTY DEPARTMENT OF SHARED SERVICES, OFFICE OF PURCHASING has received competitive bids under sealed bid solicitation 07003-04011-035 for ambulances for the Nassau County Police Department, as more particularly described in the bid document; and

WHEREAS, the Commissioner of Shared Services is representing to the Rules Committee that L.I. Proliner, Inc. submitted the lowest responsible bid and meets all specifications for the product described in the said bid document as determined by the Commissioner of Shared Services.

RESOLVED, that the Rules Committee of the Nassau County Legislature authorizes the Commissioner of Shared Services to award and execute the said Blanket Purchase Order with L.I. Proliner, Inc.

COUNTY OF NASSAU  
INTER – DEPARTMENTAL MEMO

**TO:** CLERK OF THE COUNTY LEGISLATURE

**A-38-2021**

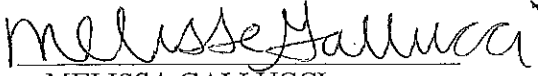
**FROM:** MELISSA GALLUCCI - COMMISSIONER OF SHARED SERVICES

**DATE:** May 17, 2021

**SUBJECT:** RESOLUTION– VARIOUS NASSAU COUNTY AGENCIES.

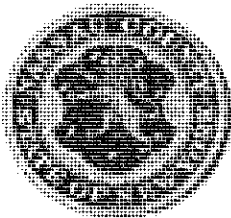
THIS RESOLUTION IS RECOMMENDED BY THE COMMISSIONER OF SHARED SERVICES TO AUTHORIZE AN AWARD AND TO EXECUTE A BLANKET PURCHASE ORDER WITH A MAXIMUM AMOUNT OF FIFTEEN MILLION DOLLARS (\$15,000,000.00) FOR AMBULANCES ON BEHALF OF VARIOUS NASSAU COUNTY AGENCIES TO L.I. PROLINER, INC., WHO IS THE LOWEST RESPONSIBLE BIDDER MEETING SPECIFICATIONS.

THE ABOVE DESCRIBED DOCUMENT ATTACHED HERETO IS FORWARDED FOR YOUR REVIEW AND APPROVAL AND SUBSEQUENT TRANSMITTAL TO THE RULES COMMITTEE FOR INCLUSION IN ITS AGENDA.

  
MELISSA GALLUCCI  
COMMISSIONER OF SHARED SERVICES

VB: gb

ENCL: (1) STAFF SUMMARY  
(2) DISCLOSURE STATEMENT  
(3) RESOLUTION  
(4) BID SUMMARY  
(5) BID PROPOSAL  
(6) CERTIFICATE OF LIABILITY INSURANCE  
(7) RECOMMENDATION OF AWARD  
(8) POLITICAL CONTRIBUTION FORM





COUNTY OF NASSAU

POLITICAL CAMPAIGN CONTRIBUTION DISCLOSURE FORM

1. Has the vendor or any corporate officers of the vendor provided campaign contributions pursuant to the New York State Election Law in (a) the period beginning April 1, 2016 and ending on the date of this disclosure, or (b), beginning April 1, 2018, the period beginning two years prior to the date of this disclosure and ending on the date of this disclosure, to the campaign committees of any of the following Nassau County elected officials or to the campaign committees of any candidates for any of the following Nassau County elected offices: the County Executive, the County Clerk, the Comptroller, the District Attorney, or any County Legislator?

YES ☐ NO ☒ If yes, to what campaign committee?

2. VERIFICATION: This section must be signed by a principal of the consultant, contractor or Vendor authorized as a signatory of the firm for the purpose of executing Contracts.

The undersigned affirms and so swears that he/she has read and understood the foregoing statements and they are, to his/her knowledge, true and accurate.

The undersigned further certifies and affirms that the contribution(s) to the campaign committees identified above were made freely and without duress, threat or any promise of a governmental benefit or in exchange for any benefit or remuneration.

Electronically signed and certified at the date and time indicated by:

JAELE GEORGIOU [PROJL@PROLINERRESCUE.COM]

Dated: 03/24/2021 03:57:16 PM

Vendor: L.I. PROLINER INC

Title: DIRECTOR OF OPERATIONS





COUNTY OF NASSAU

LOBBYIST REGISTRATION AND DISCLOSURE FORM

1. Name, address and telephone number of lobbyist(s)/lobbying organization. The term "lobbyist" means any and every person or organization retained, employed or designated by any client to influence - or promote a matter before - Nassau County, its agencies, boards, commissions, department heads, legislators or committees, including but not limited to the Open Space and Parks Advisory Committee and Planning Commission. Such matters include, but are not limited to, requests for proposals, development or improvement of real property subject to County regulation, procurements. The term "lobbyist" does not include any officer, director, trustee, employee, counsel or agent of the County of Nassau, or State of New York, when discharging his or her official duties.

NONE

2. List whether and where the person/organization is registered as a lobbyist (e.g., Nassau County, New York State):

NONE

3. Name, address and telephone number of client(s) by whom, or on whose behalf, the lobbyist is retained, employed or designated:

NONE

4. Describe lobbying activity conducted, or to be conducted, in Nassau County, and identify client(s) for each activity listed. See the last page for a complete description of lobbying activities.

NONE

5. The name of persons, organizations or governmental entities before whom the lobbyist expects to lobby:

NONE

6. If such lobbyist is retained or employed pursuant to a written agreement of retainer or employment, you must attach a copy of such document; and if agreement of retainer or employment is oral, attach a written statement of the substance thereof. If the written agreement of retainer or employment does not contain a signed authorization from the client by whom you have been authorized to lobby, separately attach such a written authorization from the client.

7. Has the lobbyist/lobbying organization or any of its corporate officers provided campaign contributions pursuant to the New York State Election Law in (a) the period beginning April 1, 2016 and ending on the date of this disclosure, or (b), beginning April 1, 2018, the period beginning two years prior to the date of this disclosure and ending on the date of this disclosure, to the campaign committees of any of the following Nassau County elected officials or to the campaign committees of any candidates for any of the following Nassau County elected offices: the County Executive, the County Clerk, the Comptroller, the District Attorney, or any County Legislator?

YES ☐ NO ☒ If yes, to what campaign committee? If none, you must so state:

I understand that copies of this form will be sent to the Nassau County Department of Information Technology ("IT") to be posted on the County's website.

I also understand that upon termination of retainer, employment or designation I must give written notice to the County Attorney within thirty (30) days of termination.

VERIFICATION: The undersigned affirms and so swears that he/she has read and understood the foregoing statements and they are, to his/her knowledge, true and accurate.

The undersigned further certifies and affirms that the contribution(s) to the campaign committees listed above were made freely and without duress, threat or any promise of a governmental benefit or in exchange for any benefit or remuneration.

Electronically signed and certified at the date and time indicated by:  
JAELE GEORGIU [PROJL@PROLINERRESCUE.COM]

Dated: 03/24/2021 03:58:40 PM

Vendor: L.I. PROLINER INC

Title: DIRECTOR OF OPERATIONS

**The term lobbying shall mean any attempt to influence:** any determination made by the Nassau County Legislature, or any member thereof, with respect to the introduction, passage, defeat, or substance of any local legislation or resolution; any determination by the County Executive to support, oppose, approve or disapprove any local legislation or resolution, whether or not such legislation has been introduced in the County Legislature; any determination by an elected County official or an officer or employee of the County with respect to the procurement of goods, services or construction, including the preparation of contract specifications, including but not limited to the preparation of requests for proposals, or solicitation, award or administration of a contract or with respect to the solicitation, award or administration of a grant, loan, or agreement involving the disbursement of public monies; any determination made by the County Executive, County Legislature, or by the County of Nassau, its agencies, boards, commissions department heads or committees, including but not limited to the Open Space and Parks Advisory Committee, the Planning Commission with respect to the zoning, use, development or improvement of real property subject to County regulation, or any agencies, boards, commissions, department heads or committees with respect to requests for proposals, bidding, procurement or contracting for services for the County; any determination made by an elected county official or an officer or employee of the county with respect to the terms of the acquisition or disposition by the county of any interest in real property, with respect to a license or permit for the use of real property of or by the county, or with respect to a franchise, concession or revocable consent; the proposal, adoption, amendment or rejection by an agency of any rule having the force and effect of law; the decision to hold, timing or outcome of any rate making proceeding before an agency; the agenda or any determination of a board or commission; any determination regarding the calendaring or scope of any legislature oversight hearing; the issuance, repeal, modification or substance of a County Executive Order; or any determination made by an elected county official or an officer or employee of the county to support or oppose any state or federal legislation, rule or regulation, including any determination made to support or oppose that is contingent on any amendment of such legislation, rule or regulation, whether or not such legislation has been formally introduced and whether or not such rule or regulation has been formally proposed.

**The term "lobbying" or "lobbying activities" does not include:** Persons engaged in drafting legislation, rules, regulations or rates; persons advising clients and rendering opinions on proposed legislation, rules, regulations or rates, where such professional services are not otherwise connected with legislative or executive action on such legislation or administrative action on such rules, regulations or rates; newspapers and other periodicals and radio and television stations and owners and employees thereof, provided that their activities in connection with proposed legislation, rules, regulations or rates are limited to the publication or broadcast of news items, editorials or other comment, or paid advertisements; persons who participate as witnesses, attorneys or other representatives in public rule-making or rate-making proceedings of a County agency, with respect to all participation by such persons which is part of the public record thereof and all preparation by such persons for such participation; persons who attempt to influence a County agency in an adjudicatory proceeding, as defined by § 102 of the New York State Administrative Procedure Act.

### Business History Form

The contract shall be awarded to the responsible proposer who, at the discretion of the County, taking into consideration the reliability of the proposer and the capacity of the proposer to perform the services required by the County, offers the best value to the County and who will best promote the public interest.

In addition to the submission of proposals, each proposer shall complete and submit this questionnaire. The questionnaire shall be filled out by the owner of a sole proprietorship or by an authorized representative of the firm, corporation or partnership submitting the Proposal.

**NOTE: All questions require a response, even if response is "none" or "not-applicable." No blanks.**

(USE ADDITIONAL SHEETS IF NECESSARY TO FULLY ANSWER THE FOLLOWING QUESTIONS).

Date: 03/24/2021

- 1) Proposer's Legal Name: L.I. Proliner Inc
- 2) Address of Place of Business: 18 Peconic Ave  
City: Medford State/Province/Territory: NY Zip/Postal Code: 11763  
Country: US
- 3) Mailing Address (if different): 18 Peconic Ave  
City: Medford State/Province/Territory: NY Zip/Postal Code: 11763  
Country: US  
Phone: (631) 447-9558  
Does the business own or rent its facilities? Rent If other, please provide details:
- 4) Dun and Bradstreet number: NONE
- 5) Federal I.D. Number: 113330825
- 6) The proposer is a: Corporation (Describe) \_\_\_\_\_
- 7) Does this business share office space, staff, or equipment expenses with any other business?  
YES ☐ NO ☒ If yes, please provide details:
- 8) Does this business control one or more other businesses?  
YES ☐ NO ☒ If yes, please provide details:
- 9) Does this business have one or more affiliates, and/or is it a subsidiary of, or controlled by, any other business?  
YES ☐ NO ☒ If yes, please provide details:

- 10) Has the proposer ever had a bond or surety cancelled or forfeited, or a contract with Nassau County or any other government entity terminated?  
YES ☐ NO ☒ If yes, state the name of bonding agency, (if a bond), date, amount of bond and reason for such cancellation or forfeiture: or details regarding the termination (if a contract).
- 11) Has the proposer, during the past seven years, been declared bankrupt?  
YES ☐ NO ☒ If yes, state date, court jurisdiction, amount of liabilities and amount of assets
- 12) In the past five years, has this business and/or any of its owners and/or officers and/or any affiliated business, been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency? And/or, in the past 5 years, have any owner and/or officer of any affiliated business been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency, where such investigation was related to activities performed at, for, or on behalf of an affiliated business.  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.
- 13) In the past 5 years, has this business and/or any of its owners and/or officers and/or any affiliated business been the subject of an investigation by any government agency, including but not limited to federal, state and local regulatory agencies? And/or, in the past 5 years, has any owner and/or officer of an affiliated business been the subject of an investigation by any government agency, including but not limited to federal, state and local regulatory agencies, for matters pertaining to that individual's position at or relationship to an affiliated business.  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.
- 14) Has any current or former director, owner or officer or managerial employee of this business had, either before or during such person's employment, or since such employment if the charges pertained to events that allegedly occurred during the time of employment by the submitting business, and allegedly related to the conduct of that business:  
a) Any felony charge pending?  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.  
  
b) Any misdemeanor charge pending?  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.  
  
c) In the past 10 years, you been convicted, after trial or by plea, of any felony and/or any other crime, an

element of which relates to truthfulness or the underlying facts of which related to the conduct of business?  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the  
circumstances and corrective action taken.

d) In the past 5 years, been convicted, after trial or by plea, of a misdemeanor?  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the  
circumstances and corrective action taken.

e) In the past 5 years, been found in violation of any administrative, statutory, or regulatory provisions?  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the  
circumstances and corrective action taken.

- 15) In the past (5) years, has this business or any of its owners or officers, or any other affiliated business had any  
sanction imposed as a result of judicial or administrative proceedings with respect to any professional license  
held?  
YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the  
circumstances and corrective action taken.

- 16) For the past (5) tax years, has this business failed to file any required tax returns or failed to pay any applicable  
federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?  
YES ☐ NO ☒ If yes, provide details for each such year. Provide a detailed response to all  
questions checked 'YES'. If you need more space, photocopy the appropriate page and attach it to the  
questionnaire.

17 Conflict of Interest:

- a) Please disclose any conflicts of interest as outlined below. NOTE: If no conflicts exist, please expressly  
state "No conflict exists."

(i) Any material financial relationships that your firm or any firm employee has that may create a conflict  
of interest or the appearance of a conflict of interest in acting on behalf of Nassau County.

NO CONFLICT EXISTS

(ii) Any family relationship that any employee of your firm has with any County public servant that may  
create a conflict of interest or the appearance of a conflict of interest in acting on behalf of Nassau  
County.

NO CONFLICT EXISTS

(iii) Any other matter that your firm believes may create a conflict of interest or the appearance of a  
conflict of interest in acting on behalf of Nassau County.

NO CONFLICT EXISTS

- b) Please describe any procedures your firm has, or would adopt, to assure the County that a conflict of interest would not exist for your firm in the future.

NO CONFLICT EXISTS. IF A CONFLICT AROSE, WE WOULD CONTACT NASSAU COUNTY IMMEDIATELY SO THEY COULD ADVISE HOW WE SHOULD PROCEED.

- A. Include a resume or detailed description of the Proposer's professional qualifications, demonstrating extensive experience in your profession. Any prior similar experiences, and the results of these experiences, must be identified.

Have you previously uploaded the below information under in the Document Vault?

YES ☐ NO ☒

Is the proposer an individual?

YES ☐ NO ☒ Should the proposer be other than an individual, the Proposal MUST include:

- i) Date of formation;

06/23/1996

- ii) Name, addresses, and position of all persons having a financial interest in the company, including shareholders, members, general or limited partner. If none, explain.

VASILIOS HADZIGOERGIU PRESIDENT 3 HULSE CT PATCHOGUE NY 11772

*No individuals with a financial interest in the company have been attached..*

- iii) Name, address and position of all officers and directors of the company. If none, explain.

VASILIOS HADZIGOERGIU PRESIDENT 3 HULSE CT PATCHOGUE NY 11772

*No officers and directors from this company have been attached.*

- iv) State of incorporation (if applicable);

NY

- v) The number of employees in the firm;

13

- vi) Annual revenue of firm;

8500000

- vii) Summary of relevant accomplishments

WE HOLD A FIVE YEAR BLANKET ORDER WITH NASSAU COUNTY EMERGENCY AMBULANCE BUREAU FOR THE SALE OF AMBULANCES. WE DO BUSINESS WITH SUFFOLK AND NASSAU COUNTY.

- viii) Copies of all state and local licenses and permits.

1 File(s) Uploaded: CERTS2021.pdf

B. Indicate number of years in business.

25

C. Provide any other information which would be appropriate and helpful in determining the Proposer's capacity and reliability to perform these services.

WE ARE A GRWAT COMPANY. OUR DRIVE AND FOCUS IS OUR CUSTOMERS.

D. Provide names and addresses for no fewer than three references for whom the Proposer has provided similar services or who are qualified to evaluate the Proposer's capability to perform this work.

Company SELDEN FIRE DISTRICT  
Contact Person JOHN BARTNICK  
Address PO BOX 870  
City SELDEN NY 11784 State/Province/Territory NY  
Country US  
Telephone (631) 732-5570  
Fax #  
E-Mail Address MARION.WARREN@SELDENFD.ORG

Company STONYBROOK UNIVERSITY HOSPITAL  
Contact Person STEPHEN SLOVENSKY  
Address 31 RESEARCH WAY  
City EAST SETAUKET State/Province/Territory NY  
Country US  
Telephone (631) 444-3911  
Fax #  
E-Mail Address STEPHEN.SLOVENSKY@STONYBROOKMEDICINE.EDU

Company CENTEREACH FD  
Contact Person MIKE COOPER  
Address 9 S WASHINGTON AVE  
City CENTEREACH State/Province/Territory NY  
Country US  
Telephone (631) 447-9558  
Fax #  
E-Mail Address MCOOPER@CENTEREACHFIREDISTRICT.ORG



I, JAELE GEORGIU , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, JAELE GEORGIU , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

#### **CERTIFICATION**

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Name of submitting business: LI PROLINER INC

Electronically signed and certified at the date and time indicated by:  
JAELE GEORGIU [PROJL@PROLINERRESCUE.COM]

DIRECTOR OF OPERATIONS

Title

03/24/2021 03:45:39 PM

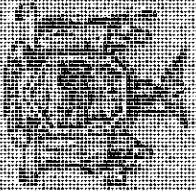
Date

State of California Department of Tax and Finance  
Certificate of Authority

REGISTRATION NUMBER

44-3330825

ISSUED TO: L.I. TROCLINER, INC. 10000 L.I. TROCLINER DRIVE



VALIDATED

12/21/2009

Dept. of Tax  
and Finance

L.I. TROCLINER, INC.  
10000 L.I. TROCLINER DRIVE  
MILPITAS, CA 95035

A SIGNATURE OF AN OFFICER OF THE CORPORATION MUST BE AFFIXED TO THIS CERTIFICATE.

ISSUED ON: 12/21/2009

This certificate is issued to the taxpayer named herein for the purpose of collecting sales tax on the sale of tangible personal property in the State of California. The certificate is valid for the period of time specified herein and is subject to the provisions of the California Tax Code.

44-3330825

STATE OF CALIFORNIA

DATE: 12/21/2009

New York State Department of Motor Vehicles

# OFFICIAL BUSINESS CERTIFICATE

Validation Date and Number: 10/28/20 13929

THIS CERTIFICATE EXPIRES 10/31/22

CITY IDENTIFICATION NO. 7083101 RS

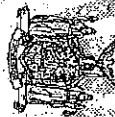
This person is REGISTERED AS A  
REPAIR SHOP

pursuant to the provisions of the Vehicle and Traffic Law

PROLINER INC  
PECONIC AV UNIT 1  
JFORD NY 11763



This document does not certify that this business complies with zoning and other local laws  
**POST IN A CONSPICUOUS PLACE**



New York State Department of Motor Vehicles  
**OFFICIAL BUSINESS  
CERTIFICATE**

THIS CERTIFICATE EXPIRES 10/31/22

FACILITY IDENTIFICATION NO. 7083101 ISP

Validation Date and Number: 10/28/20 13930

This person is LICENSED AS A

PUBLIC INSPECTION STATION

pursuant to the provisions of the Vehicle and Traffic Law

1A-1B

LI PROLINER INC  
18 PECONIC AV UNIT 1  
MEDFORD NY 11763



This document does not certify that this business complies with zoning and other local laws.  
POST IN A CONSPICUOUS PLACE

MV-202 (10/1/95)

New York State Department of Motor Vehicles

# OFFICIAL BUSINESS CERTIFICATE

Validation Date and Number: 10/28/20 13931

THIS CERTIFICATE EXPIRES 10/31/22

FACILITY IDENTIFICATION NO. 7083101 TRS

This person is REGISTERED AS A  
TRANSPORTER

pursuant to the provisions of the Vehicle and Traffic Law

LI PROLINER INC  
18 PECONIC AV UNIT 1  
MEDFORD NY 11763



This document does not certify that this business complies with zoning and other local laws.  
**POST IN A CONSPICUOUS PLACE**



New York State Department of Motor Vehicles

# OFFICIAL BUSINESS CERTIFICATE

Validation Date and Number: 10/28/20 13932

THIS CERTIFICATE EXPIRES 10/31/22

This person is REGISTERED AS A  
DEALER

FACILITY IDENTIFICATION NO. 7083101

pursuant to the provisions of the Vehicle and Traffic Law

LI PROLINER INC  
18 PECONIC AV UNIT 1  
MEDFORD NY 11763



This document does not certify that this business complies with zoning and other local laws  
**POST IN A CONSPICUOUS PLACE**

## PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: VASILIOS HADZIGOERGIU  
Date of birth: 07/23/1977  
Home address: 3 Hulse Ct  
City: Patchogue State/Province/Territory: NY Zip/Postal Code: 11772  
Country: US
- Business Address: 18 PECONIC Ave  
City: MEDFORD State/Province/Territory: NY Zip/Postal Code: 11763  
Country: US  
Telephone: 6314479558
- Other present address(es): NONE  
City: MEDFORD State/Province/Territory: NY Zip/Postal Code: 11763  
Country: US  
Telephone: 6314479558

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

President	<u>07/17/1996</u>	Treasurer	<u></u>
Chairman of Board	<u></u>	Shareholder	<u></u>
Chief Exec. Officer	<u></u>	Secretary	<u></u>
Chief Financial Officer	<u></u>	Partner	<u></u>
Vice President	<u></u>		
(Other)	<u></u>		

3. Do you have an equity interest in the business submitting the questionnaire?

YES ☒ NO ☐ If Yes, provide details.

OWNER.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?  
YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?  
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?  
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?  
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?  
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?



YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9.

- a. Is there any felony charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business? Y

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

10. In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

11. In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

12. In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

13. For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

I, VASILIOS HADZIGEORGIOU , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, VASILIOS HADZIGEORGIOU , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

#### **CERTIFICATION**

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

L.I. PROLINER INC.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

VASILIOS HADZIGEORGIOU [BGEORGIOU@PROLINERRESCUE.COM]

PRESIDENT

Title

03/24/2021 09:08:08 AM

Date

COUNTY OF NASSAU

CONSULTANT'S, CONTRACTOR'S AND VENDOR'S DISCLOSURE FORM

1. Name of the Entity: LI PROLINER INC

Address: LI PROLINER INC, 18 PECONIC AVE

City: Medford State/Province/Territory: NY Zip/Postal Code: 11763

Country: US

2. Entity's Vendor Identification Number: 113330825

3. Type of Business: Other (specify) S CORPORATION

4. List names and addresses of all principals; that is, all individuals serving on the Board of Directors or comparable body, all partners and limited partners, all corporate officers, all parties of Joint Ventures, and all members and officers of limited liability companies (attach additional sheets if necessary):

First Name	<u>VASILIOS</u>		
Last Name	<u>HADZIGEORGIOU</u>		
MI		Suffix	
Address	<u>18 Peconic Ave</u>		
City	<u>Medford</u>	State/Province/Territory:	<u>NY</u> Zip/Postal Code: <u>11763</u>
Country	<u>US</u>		
Position	<u>PRESIDENT</u>		

5. List names and addresses of all shareholders, members, or partners of the firm. If the shareholder is not an individual, list the individual shareholders/partners/members. If a Publicly held Corporation, include a copy of the 10K in lieu of completing this section.  
If none, explain.

First Name	<u>VASILIOS</u>		
Last Name	<u>HADZIGEORGIOU</u>		
MI		Suffix	
Address	<u>18 Peconic Ave</u>		
City	<u>Medford</u>	State/Province/Territory:	<u>NY</u> Zip/Postal Code: <u>11763</u>
Country	<u>US</u>		
Position	<u>PRESIDENT</u>		

6. List all affiliated and related companies and their relationship to the firm entered on line 1. above (if none, enter "None"). Attach a separate disclosure form for each affiliated or subsidiary company that may take part in the performance of this contract. Such disclosure shall be updated to include affiliated or subsidiary companies not

previously disclosed that participate in the performance of the contract.

NONE

7. List all lobbyists whose services were utilized at any stage in this matter (i.e., pre-bid, bid, post-bid, etc.). If none, enter "None." The term "lobbyist" means any and every person or organization retained, employed or designated by any client to influence - or promote a matter before - Nassau County, its agencies, boards, commissions, department heads, legislators or committees, including but not limited to the Open Space and Parks Advisory Committee and Planning Commission. Such matters include, but are not limited to, requests for proposals, development or improvement of real property subject to County regulation, procurements. The term "lobbyist" does not include any officer, director, trustee, employee, counsel or agent of the County of Nassau, or State of New York, when discharging his or her official duties.

Are there lobbyists involved in this matter?

YES ☐ NO ☒

(a) Name, title, business address and telephone number of lobbyist(s):

NONE

(b) Describe lobbying activity of each lobbyist. See below for a complete description of lobbying activities.

NONE

(c) List whether and where the person/organization is registered as a lobbyist (e.g., Nassau County, New York State):

NONE

8. VERIFICATION: This section must be signed by a principal of the consultant, contractor or Vendor authorized as a signatory of the firm for the purpose of executing Contracts.

The undersigned affirms and so swears that he/she has read and understood the foregoing statements and they are, to his/her knowledge, true and accurate.

Electronically signed and certified at the date and time indicated by:  
JAELE GEORGIU [PROJL@PROLINERRESCUE.COM]

Dated: 03/24/2021 04:00:10 PM

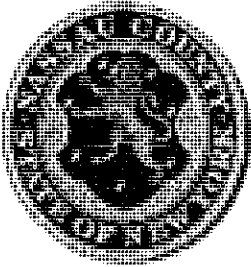
Title: DIRECTOR OF OPERATIONS

**The term lobbying shall mean any attempt to influence:** any determination made by the Nassau County Legislature, or any member thereof, with respect to the introduction, passage, defeat, or substance of any local legislation or resolution; any determination by the County Executive to support, oppose, approve or disapprove any local legislation or resolution, whether or not such legislation has been introduced in the County Legislature; any determination by an elected County official or an officer or employee of the County with respect to the procurement of goods, services or construction, including the preparation of contract specifications, including but not limited to the preparation of requests for proposals, or solicitation, award or administration of a contract or with respect to the solicitation, award or administration of a grant, loan, or agreement involving the disbursement of public monies; any determination made by the County Executive, County Legislature, or by the County of Nassau, its agencies, boards, commissions, department heads or committees, including but not limited to the Open Space and Parks Advisory Committee, the Planning Commission, with respect to the zoning, use, development or improvement of real property subject to County regulation, or any agencies, boards, commissions, department heads or committees with respect to requests for proposals, bidding, procurement or contracting for services for the County; any determination made by an elected county official or an officer or employee of the county with respect to the terms of the acquisition or disposition by the county of any interest in real property, with respect to a license or permit for the use of real property of or by the county, or with respect to a franchise, concession or revocable consent; the proposal, adoption, amendment or rejection by an agency of any rule having the force and effect of law; the decision to hold, timing or outcome of any rate making proceeding before an agency; the agenda or any determination of a board or commission; any determination regarding the calendaring or scope of any legislature oversight hearing; the issuance, repeal, modification or substance of a County Executive Order; or any determination made by an elected county official or an officer or employee of the county to support or oppose any state or federal legislation, rule or regulation, including any determination made to support or oppose that is contingent on any amendment of such legislation, rule or regulation, whether or not such legislation has been formally introduced and whether or not such rule or regulation has been formally proposed.

# FORMAL SEALED BID

## PROPOSAL

STATE OF NEW YORK



### COUNTY OF NASSAU

BIDS WILL BE RECEIVED AND OPENED AT  
OFFICE OF PURCHASING, 1 WEST STREET,  
NORTH ENTRANCE, MINEOLA, NEW YORK 11501  
OFFICE HOURS 9 AM – NOON & 1 PM – 4:45 PM

BUYER  
Anette Sullivan

TELEPHONE  
516 571 6103

BID NUMBER  
07003-04011-035

Dated: 03/11/21

BID OPENING DATE  
04/01/21  
11:00 A.M. E.D.S.T.

REQUISITION NUMBER  
N/A

PREPARE YOUR BID ON THIS FORM USING BLACK INK OR TYPEWRITER

BID TITLE **Ambulances**

- ALL BIDS MUST BE F.O.B. DESTINATION AND INCLUDE DELIVERY WITHIN DOORS UNLESS OTHERWISE SPECIFIED

THE UNDERSIGNED BIDDER AFFIRMS AND DECLARES THAT HE/SHE HAS CAREFULLY EXAMINED THE ADVERTISED INVITATION FOR BIDS, THE BID TERMS AND CONDITIONS, AND DETAILED SPECIFICATIONS, AND CERTIFIES THAT THIS BID IS SIGNED WITH FULL KNOWLEDGE AND ACCEPTANCE OF ALL THE PROVISIONS THEREOF AND OFFERS AND AGREES, IF THIS BID IS ACCEPTED WITHIN NINETY (90) DAYS FROM THE BID OPENING DATE TO FURNISH ANY OR ALL THE ITEMS UPON WHICH PRICES ARE HEREINAFTER QUOTED IN THE QUANTITY AND AT THE PRICES BID.

CASH DISCOUNT OF N/A PERCENT WILL BE ALLOWED FOR PROMPT PAYMENT WITHIN 20 BUSINESS DAYS.

THE BIDDER CERTIFIES THAT: (A) THE BID HAS BEEN ARRIVED AT BY THE BIDDER INDEPENDENTLY AND HAS BEEN SUBMITTED WITHOUT COLLUSION WITH ANY OTHER VENDOR OF MATERIALS, SUPPLIES OR EQUIPMENT OF THE TYPE DESCRIBED IN INVITATION FOR BIDS, AND (B) THE CONTENTS OF THE BID HAVE NOT BEEN COMMUNICATED BY THE BIDDER, NOR, TO ITS BEST KNOWLEDGE AND BELIEF, BY ANY OF ITS EMPLOYEES OR AGENTS, TO ANY PERSON NOT AN EMPLOYEE OR AGENT OF BIDDER OR ITS SURETY ON ANY BOND FURNISHED HERewith PRIOR TO OFFICIAL OPENING OF THE BID.

#### DELIVERY MADE TO:

Nassau County Police Department Fleet Services  
101 Grumman Rd. West Bethpage N. Y. 11714  
John Vangeli 573 3480

#### GUARANTEED DELIVERY DATE

150 DAYS AFTER RECEIPT OF ORDER

EMPLOYERS FEDERAL TAX ID NUMBER 113330825

#### TOLL FREE TELEPHONE NUMBER:

BIDS MUST BE SIGNED BY PROPRIETOR, PARTNER OR OFFICER AUTHORIZED TO SIGN FOR CORPORATION

NAME OF BIDDER L.I. Proliner Inc

ADDRESS 18 Reconic Ave

CITY Medford STATE NY ZIP CODE 11763 TELEPHONE 631-447-9558

SIGNATURE OF AUTHORIZED INDIVIDUAL Vasilios Hadzigeorgiou  
PRINT OR TYPE NAME OF SIGNER AND TITLE

IN EXECUTING THIS BID, THE BIDDER WARRANTS THAT THE PRICES SUBMITTED HEREIN ARE NOT HIGHER THAN THOSE OFFERED TO ANY GOVERNMENTAL OR COMMERCIAL CONSUMER FOR LIKE DELIVERIES. THE PRICES HEREIN SHOULD NOT INCLUDE ANY FEDERAL EXCISE TAXES OR SALES TAXES IMPOSED BY ANY STATE OR MUNICIPAL GOVERNMENT. SUCH TAXES, IF INCLUDED, MUST BE DEDUCTED BY THE BIDDER WHEN SUBMITTING BID. BIDDERS ARE REQUESTED TO ALSO READ THE TERMS AND CONDITIONS.

#### BID TERMS AND CONDITIONS

1. Bids on equipment must be on standard new equipment, latest model, except as otherwise specifically stated in proposal or detailed specification. Where any part of nominal appurtenances of equipment is not described, it shall be understood that all equipment and appurtenances which are usually provided in the manufacturer's stock model shall be furnished.
2. Bids on materials and supplies must be for new items except as otherwise specifically stated in bid or detailed specifications.
3. Bidder declares that the bid is made without any connection with any other Bidder, submitting a bid for the same items, and is in all respects fair and without collusion or fraud.

4. PRICES The provisions of the New York State Fair Trade Law (Fed-Crawford Act) and the federal price discrimination law (Robinson-Patman Act) do not apply to purchases made by the County.

5. SURETY In the event that an award is made hereunder, The Director of Purchase reserves the right to request successful bidders to post, within one week, security for faithful performance, with the understanding that the whole or any part thereof may be used by the County of Nassau to supply any deficiency that may arise from any default on the part of the Bidder. Such security must meet all the requirements of the County Attorney and be approved by the County Attorney.

6. **SAMPLES** Samples, when required, must be submitted strictly in accordance with instructions; otherwise bid may not be considered. If samples are requested subsequent to bid opening they shall be delivered within five (5) days of the request for bid to have consideration. Samples must be furnished free of charge and must be accompanied by descriptive memorandum invoices indicating if the Bidder desires their return; also specifying the address to which they are to be returned, provided they have not been used or made useless by tests. Award samples may be held for comparison with deliveries. Samples will be returned at the Bidders risk and expense.
7. **Award** The Director, Office of Purchasing reserves the right before making award to make investigations as to whether or not the items, qualifications or facilities offered by the Bidder meet the requirements set forth herein and are sample and sufficient to insure the proper performance in the event of award. The Bidder must be prepared, if requested by the Director, to present evidence of experience, ability and financial standing, as well as a statement as to plant, machinery and capacity of the manufacturer for the production and distribution of the material on which he is bidding. Upon request of the Director, successful bidder shall file certification from the manufacturer relative to authorization, delivery, service and guarantees. If it is found that the conditions of the bids are not complied with or that articles or equipment proposed to be furnished do not meet the requirements called for, or that the qualification, financial standing or facilities are not satisfactory, the Director may reject such bids. It is distinctly understood, however, that nothing in the foregoing shall mean or imply that it is obligatory upon the Director to make any examinations before award; and it is further understood that, if such examination is made, it in no way relieves the Bidder from fulfilling all requirements and conditions of the bid.
8. **Awards** will be made to the lowest responsible Bidder. Cash discounts will not be a factor in determining awards, except in tie bids. Consideration will be given to the reliability of the Bidder, the quantities of the materials, equipment or supplies to be furnished, their conformity with the specifications, the purpose for which required and the terms of delivery.
9. The Director reserves the right to reject and all bids in whole or in part and to waive technical defects, irregularities and omissions if in his judgment the best interests of the County will be served.
10. Unless otherwise indicated herein, the Director reserves the right to make award by items, by classes, by group of items, or as a whole.
11. **DELIVERIES** Upon failure of the Vendor to deliver within the time specified, or within reasonable time as interpreted by the Director, or failure to make replacement of rejected articles, when so requested immediately or as directed by the Director, the Director may purchase from other sources to take the place of the item rejected or not delivered. The Director reserves the right to authorize immediate purchase from other sources against rejections on any order when necessary. On all such purchases the Vendor agrees to promptly reimburse the County for excess cost occasioned by such purchases. Should the cost be less, the Vendor shall have no claim to the difference. Such purchases will be deducted from order quantity.
12. An order may be canceled at the Vendors expense upon nonperformance. Failure of the Vendor to furnish additional surety within ten (10) days from date of requested shall be sufficient cause for the cancellation of the order.
13. When in the determination of the Director, the articles or equipment delivered fail to meet County specifications or, if in the determination of the Director, the Vendor consistently fails to deliver as ordered, the Director reserves the right, to cancel the order and purchase the balance from other sources at Vendor expense.
14. Delivery must be made as ordered and in accordance with the bid. If delivery instructions do not appear on order. It will be interpreted to mean prompt delivery. The decision of the Director as to reasonable compliance with delivery terms shall be final. Burden of proof of delay in receipt of order shall rest with the Vendor.
15. The County Agencies will not schedule any deliveries for Saturdays, Sundays or Legal Holiday, except commodities required for daily consumption or where the delivery is an emergency, a replacement, or is overdue, in which event the convenience of the Agency will govern.
16. Supplies shall be securely and properly packed for shipment, according to accepted commercial practice, without extra charge for packing cases, reels, bailing or sacks, the containers to remain the property of the agency unless definitely stated otherwise in the bid.
17. The Vendor shall be responsible for delivery of supplies in good condition at point of destination. The Vendor shall file all claims with carrier for breakage, imperfections and other losses, which will be deducted from invoices. The receiving Agency will note for the benefit of Vendor when packages are not received in good conditions.
18. All supplies which are customarily labeled or identified must have securely affixed thereto the original un-mutilated label or marking of the manufacturer.
19. Billings for deliveries must be rendered on County claim forms.
20. Furniture, machines, and other equipment must be delivered, installed and set in place as directed, ready for use unless otherwise specified.
21. Deliveries are subject to reweighing at destination by the County and payment will be made on the basis of materials delivered. Normal shrinkage will be allowed in such instances where shrinkage is possible. Short weight shall be sufficient cause for cancellation of order at Vendors expense.
22. **GUARANTEES BY BIDDER** Bidder hereby guarantees: (a) To save the County, its agents and employees harmless from liability of any nature or kind for the use of any copyrighted or un-copyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in the performance hereof of which the Bidder is not the Patentee, assignee or licensee, and to defend any action brought against the County in the name of the County and under the direction of the County Attorney at the sole cost of the Bidder or in the sole option of the Director to pay the cost of such defense to the County. (b) His products against defective material or workmanship and to repair any damages or marring occasioned in transit.  
(c) To furnish adequate protection from damage for all work and to repair damages of any kind, for which he or his workmen are responsible, to the building or equipment, to this own work or the work of other Vendors, or in the opinion of the Director to pay for the same by deductions in payments due under this contract.  
(d) To pay for all permits, licenses and fees and give all notices and comply with all laws ordinances, rules and regulations of the city, village or town in which the installation his to be made, and of the County of Nassau and the State of New York.  
(e) To carry proper insurance in the opinion of the Director, and approved by the County Attorney to protect the County from loss in case of accident, fire and theft.  
(f) That he will keep himself fully informed, of all municipal ordinances and regulations, state and national laws in any manner affecting the work or goods herein specified, and any extra work contracted for by him, and shall at all times observe and comply with said ordinances, laws and regulations, including all provisions of the Workmen Compensation and Labor Laws, and shall indemnify and save harmless the County of Nassau and the Nassau County Legislature from loss and liability upon any and all Claims on account of any physical injury to persons, including death, or damage to property and from all cost and expenses in suits which may be brought against the same on account of such injuries irrespective of the actual cost of the same and irrespective of whether the same shall have been due to the negligence of the Bidder or his agents.  
(g) That the items furnished shall conform to all the provisions of the bid and this warranty shall survive acceptance, or use of any material so furnished.  
(h) That all deliveries will not be inferior to the accepted bid sample.
23. **LABOR LAWS and ANTIDISCRIMINATION.** Upon the vendor acceptance hereof, the vendor agrees to comply with Article IX, Section 2 C of the Constitution of the State of New York, Section 220 220a, 220b, 220d, 220e and 230 of the Labor Law, Section 5 and 12 of the Lien Law, Article 2 of the Uniform Commercial Code, Sections 108 and 109 as well as Article 18 of the General Municipal Law, Section 2218 of the County Government Law of Nassau County. Section 224.2 of the Nassau County Administrative Code, the provisions of the anti-Discrimination Order of Nassau County, and the vendor shall keep himself fully informed of all additional municipal ordinances and regulations, State and National Laws in any manner affecting this order and the goods or services delivered or rendered or to be delivered or rendered there under, and shall at all times observe and comply with said ordinances, laws and regulations at his sole cost and expense.
24. **ASSIGNMENT.** The contractor is hereby prohibited from assigned, transferring, conveying, subletting or otherwise disposing of this contract or his right, title, or interest therein, or his power to execute such contract, to any other person or corporation without the previous consent in writing of the officer, board or agency awarding the contract.
25. The County of Nassau will not be responsible nor liable for any shipment or delivery of any materials, supplies, or equipment without it's express written instructions or valid Purchase Order.
26. No agreements, changes, modifications or alterations shall be deemed effective nor shall the same be binding upon the County unless in writing and signed by the Director, Office of Purchasing or his duly designated representative.

Director, Office of Purchasing



## DISCLOSURE STATEMENT

THE NASSAU COUNTY LEGISLATURE REQUIRES THE FOLLOWING INFORMATION PRIOR TO CONSIDERATION FOR AN AWARD.

Bidders Name: L.I. Proliner Inc.

Address: 18 Peconic Ave Medford NY 11763

Telephone No: 631-447-9558 Fax No: N/A

1. State Whether: A Corporation NYS Corp

Individual \_\_\_\_\_

Partnership \_\_\_\_\_

## GUIDELINES FOR DISCLOSURE

THE NASSAU COUNTY LEGISLATURE REQUIRES THE NAMES AND HOME\* ADDRESSES OF ALL PRINCIPALS. DISCLOSURE MUST BE PROVIDED AS INDICATED BY TYPE OF OWNERSHIP. (PLEASE LIST ALL REQUIRED INFORMATION ON A SEPARATE SHEET AND ATTACH TO BID.)

- 1) Sole Proprietorship/Individual. The Name and Home Address of the Sole Proprietorship/Individual.
- 2) Closely Held Corporation. The Name and Home Addresses of all Shareholders, Officers and Directors.  
Vasilios Hadzigeorgiou 3 Hulse Ct Patchogue NY 11772
- 3) Publicly Traded Corporation. Only the page(s) of the SEC FORM 10-K setting forth the name of all officers and directors.
- 4) Not for Profit Corporation. The Names and Home Addresses of all members, Officer and Directors.
- 5) Partnership. The Names and Home Address of all General and Limited Partners.
- 6) Limited Liability Company. The Names and Home Addresses of all Members.
- 7) Limited Liability Partnership. The Name and Home Addresses of all Members.
- 8) Joint Venture. The Names and Home Addresses of all Joint Ventures.

NOTE: IF ANY ENTITY IS TIERED, YOU MUST ALSO LIST ALL INDIVIDUAL PRINCIPALS OF THE TIERED ENTITY.  
\*IN THE CASE OF PUBLICLY TRADED CORPORATIONS THE SEC FORM 10K SUFFICES AND HOME ADDRESSES ARE NOT NECESSARY.

**ALL BIDS MUST BE F.O.B. DESTINATION AND INCLUDE DELIVERY WITHIN DOORS UNLESS OTHERWISE SPECIFIED.**

BIDDER SIGN HERE

  
BIDDER

President  
TITLE

QUALIFICATION STATEMENT

BIDDER'S NAME:

L.I. Proliner Inc

ADDRESS:

18 Peconic Ave Medford NY 11763

1. STATE WHETHER: CORPORATION ☒ INDIVIDUAL ☐ PARTNERSHIP ☐

2. IF A CORPORATION OR PARTNERSHIP LIST NAME(S) AND ADDRESS(S) OF OFFICER(S) OR MEMBER(S)

PRESIDENT

Vasilios Hadzigeorgiou 3 Hulse ct Patchogue NY 11772

VICE PRESIDENT

SECRETARY

TREASURER

3. HAVE YOU FILED A QUALIFICATION STATEMENT WITH THE COUNTY OF NASSAU? Yes, March  
IF SO WHEN? 24th, 2021

4. HOW MANY YEARS HAS YOUR ORGANIZATION BEEN IN BUSINESS UNDER YOUR PRESENT NAME? 25

5. HAVE YOU, OR YOUR FIRM, EVER FAILED TO COMPLETE ANY WORK AWARDED TO YOU? NO.  
IF SO, WHERE AND WHY?

6. IN WHAT OTHER LINES OF BUSINESS ARE YOU OR YOUR FIRM INTERESTED? Emergency  
vehicle sales & service, parts and collision repairs.

7. WHAT IS THE EXPERIENCE OF THE PRINCIPAL INDIVIDUALS OF YOUR ORGANIZATION RELATING TO THE SUBJECT OF THIS BID?

INDIVIDUALS NAME	PRESENT POSITION	YEARS OF EXPERIENCE	MAGNITUDE AND TYPE OF WORK	IN WHAT CAPACITY
<u>Vasilios Hadzigeorgiou</u>	<u>President</u>	<u>25</u>	<u>Bid review &amp; product manager project manager</u>	<u>President</u>

8. IN WHAT MANNER HAVE YOU INSPECTED THIS PROPOSED WORK? EXPLAIN IN DETAIL

Review of technical specifications

ALL BIDS MUST BE F.O.B. DESTINATION AND INCLUDE DELIVERY WITHIN DOORS UNLESS OTHERWISE SPECIFIED.

BIDDER SIGN HERE

[Signature]  
BIDDER

President  
TITLE

9. THE CONTRACT, IF AWARDED TO YOU OR YOUR FIRM, WILL HAVE THE PERSONAL SUPERVISION OF WHOM? GIVE NAME AND PRESENT POSITION

Vasilios Hadzigeorgiou Bid review and project manager

10. BIDDERS ARE REQUIRED TO COMPLETE THIS FORM PROVIDING THREE (3) REFERENCES OF PAST PERFORMANCE. REFERENCES SHOULD INVOLVE PROJECTS AND/OR SERVICE SITUATIONS OF SIMILAR SIZE AND SCOPE TO THIS BID. REFERENCES MUST HAVE HAD DEALING WITH THE BIDDER WITHIN THE LAST THIRTY-SIX (36) MONTHS. THE COUNTY RESERVES THE RIGHT TO CONTACT ANY OR ALL OF THE REFERENCES SUPPLIED FOR AN EVALUATION OF PAST PERFORMANCE IN ORDER TO ESTABLISH THE RESPONSIBILITY OF THE BIDDER BEFORE THE ACTUAL AWARD OF THE BID AND/OR CONTRACT. COMPLETION OF THE REFERENCE FORM IS REQUIRED.

NASSAU COUNTY (AND ANY OF ITS AGENCIES) MAY BE LISTED AS AN ADDITIONAL REFERENCE, BUT MAY NOT BE SUBSTITUTED FOR ANY OF THE THREE REQUIRED REFERENCES.

1. REFERENCE'S NAME:

Selden FD

ADDRESS:

PO Box 870

Selden NY 11784

TELEPHONE: 631 732 5570 CONTACT PERSON John Bartnick

CONTRACT DATE: 2020, 2018, 2017, 2015, 2014, 2013  
2009,

2. REFERENCE'S NAME:

Stonybrook University Hospital

ADDRESS:

31 Research way

East Setauket NY 11794

TELEPHONE: 631-444-3911 CONTACT PERSON Stephen Slovensky

CONTRACT DATE: 2021, 2020, 2019, 2018, 2016, 2015, 2014  
2013, 2011, 2010

3. REFERENCE'S NAME:

Centereach Fire Dept.

ADDRESS:

9 South Washington Ave

Centereach NY 11720

TELEPHONE: 631-588-8652 CONTACT PERSON Mike Cooper

CONTRACT DATE: 2021, 2020, 2018, 2013

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## L.I. Proliner, Inc.

18 Peconic Avenue, Medford NY 11763

(631) 447-9558 Fax (631) 447-9548

**Rescue Vehicle & Equipment Sales & Service**

L.I. Proliner Inc. has held the Ambulance Contract with Nassau County since 2016. Since that time L.I. Proliner Inc. has developed an outstanding professional relationship with Nassau County. We have successfully, timely and efficiently delivered over 35 ambulances to the satisfaction of the county.

Sincerely,  
Vasillos Hadzigeorgiou  
CEO

A handwritten signature in black ink, appearing to be "VH", with a long horizontal line extending to the right.

USE SEPARATE PAGE IF ADDITIONAL SPACE IS NEEDED.

I certify that all the statements contained in this document are true, complete and correct to the best of my knowledge and belief and are made in good faith, including data contained in the Organization's Relevant Experience. A false certification or failure to disclose information shall be grounds for disqualification or termination of any award.

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**IRAN DIVESTMENT ACT COMPLIANCE CERTIFICATION**

Pursuant to General Municipal Law Section 103-g, which generally prohibits the County from entering into contracts with persons engaged in investment activities in the energy sector of Iran, the Bidder submits the following certification:

**PLEASE CHECK ONE:**




By submission of this Bid, I certify, and in the case of a joint Bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of my knowledge and belief, that the Bidder is not on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the State Finance Law.

**OR**



I am unable to certify that the Bidder does not appear on the list created pursuant to paragraph (b) of subdivision 3 of Section 165-a of the State Finance Law. I have attached a signed statement setting forth in detail why I cannot so certify.

Dated: 3-29-2021

  
(Signature of Bidder)

Print Name: Vasilios Hadzigeorgiou

Print Title: President

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Appendix EE

EQUAL EMPLOYMENT OPPORTUNITIES FOR MINORITIES AND WOMEN

The provisions of this Appendix EE are hereby made a part of the document to which it is attached.

The Contractor shall comply with all federal, State and local statutory and constitutional anti-discrimination provisions. In addition, Local Law No. 14-2002, entitled "Participation by Minority Group Members and Women in Nassau County Contracts," governs all County Contracts as defined by such title and solicitations for bids or proposals for County Contracts. In accordance with Local Law 14-2002:

- (a) The Contractor shall not discriminate against employees or applicants for employment because of race, creed, color, national origin, sex, age, disability or marital status in recruitment, employment, job assignments, promotions, upgradings, demotions, transfers, layoffs, terminations, and rates of pay or other forms of compensation. The Contractor will undertake or continue existing programs related to recruitment, employment, job assignments, promotions, upgradings, transfers, and rates of pay or other forms of compensation to ensure that minority group members and women are afforded equal employment opportunities without discrimination.
- (b) At the request of the County contracting agency, the Contractor shall request each employment agency, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employment agency, union, or representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability, or marital status and that such employment agency, labor union, or representative will affirmatively cooperate in the implementation of the Contractor's obligations herein.
- (c) The Contractor shall state, in all solicitations or advertisements for employees, that, in the performance of the County Contract, all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.
- (d) The Contractor shall make Best Efforts to solicit active participation by certified minority or women-owned business enterprises ("Certified M/WBEs") as defined in Section 101 of Local Law No. 14-2002, including the granting of Subcontracts.
- (e) The Contractor shall, in its advertisements and solicitations for Subcontractors, indicate its interest in receiving bids from Certified M/WBEs and the requirement that Subcontractors must be equal opportunity employers.
- (f) Contractors must notify and receive approval from the respective Department Head prior to issuing any Subcontracts and, at the time of requesting such authorization, must submit a signed Best Efforts Checklist.
- (g) Contractors for projects under the supervision of the County's Department of Public Works shall also submit a utilization plan listing all proposed Subcontractors so that, to the greatest extent feasible, all Subcontractors will be approved prior to commencement of work. Any additions or changes to the list of subcontractors under the utilization plan shall be approved by the Commissioner of the Department of Public Works when made. A copy of the utilization plan any additions or changes thereto shall be submitted by the Contractor to the Office of Minority Affairs simultaneously with the submission to the Department of Public Works.
- (h) At any time after Subcontractor approval has been requested and prior to being granted, the contracting agency may require the Contractor to submit Documentation Demonstrating Best Efforts to Obtain Certified Minority or Women-owned Business Enterprises. In addition, the contracting agency may require the Contractor to submit such documentation at any time after Subcontractor approval when the contracting agency has reasonable cause to believe that the existing Best Efforts Checklist may be inaccurate. Within ten working days (10) of any such request by the contracting agency, the Contractor must submit Documentation.
- (i) In the case where a request is made by the contracting agency or a Deputy County Executive acting on behalf of the contracting agency, the Contractor must, within two (2) working days of such request, submit evidence to demonstrate that it employed Best Efforts to obtain Certified M/WBE participation through proper documentation.
- (j) Award of a County Contract alone shall not be deemed or interpreted as approval of all Contractor's Subcontracts and Contractor's fulfillment of Best Efforts to obtain participation by Certified M/WBEs.

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(k) A Contractor shall maintain Documentation Demonstrating Best Efforts to Obtain Certified Minority or Women-owned Business Enterprises for a period of six (6) years. Failure to maintain such records shall be deemed failure to make Best Efforts to comply with this Appendix EE, evidence of false certification as M/WBE compliant or considered breach of the County Contract.

(l) The Contractor shall be bound by the provisions of Section 109 of Local Law No. 14-2002 providing for enforcement of violations as follows:

- a. Upon receipt by the Executive Director of a complaint from a contracting agency that a County Contractor has failed to comply with the provisions of Local Law No. 14-2002, this Appendix EE or any other contractual provisions included in furtherance of Local Law No. 14-2002, the Executive Director will try to resolve the matter.
- b. If efforts to resolve such matter to the satisfaction of all parties are unsuccessful, the Executive Director shall refer the matter, within thirty days (30) of receipt of the complaint, to the American Arbitration Association for proceeding thereon.
- c. Upon conclusion of the arbitration proceedings, the arbitrator shall submit to the Executive Director his recommendations regarding the imposition of sanctions, fines or penalties. The Executive Director shall either (i) adopt the recommendation of the arbitrator (ii) determine that no sanctions, fines or penalties should be imposed or (iii) modify the recommendation of the arbitrator, provided that such modification shall not expand upon any sanction recommended or impose any new sanction, or increase the amount of any recommended fine or penalty. The Executive Director, within ten days (10) of receipt of the arbitrators award and recommendations, shall file a determination of such matter and shall cause a copy of such determination to be served upon the respondent by personal service or by certified mail return receipt requested. The award of the arbitrator, and the fines and penalties imposed by the Executive Director, shall be final determinations and may only be vacated or modified as provided in the civil practice law and rules ("CPLR").

(m) The contractor shall provide contracting agency with information regarding all subcontracts awarded under any County Contract, including the amount of compensation paid to each Subcontractor and shall complete all forms provided by the Executive Director or the Department Head relating to subcontractor utilization and efforts to obtain M/WBE participation..

Failure to comply with provisions (a) through (m) above, as ultimately determined by the Executive Director, shall be a material breach of the contract constituting grounds for immediate termination. Once a final determination of failure to comply has been reached by the Executive Director, the determination of whether to terminate a contract shall rest with the Deputy County Executive with oversight responsibility for the contracting agency.

Provisions (a), (b) and (c) shall not be binding upon Contractors or Subcontractors in the performance of work or the provision of services or any other activity that are unrelated, separate, or distinct from the County Contract as expressed by its terms.

The requirements of the provisions (a), (b) and (c) shall not apply to any employment or application for employment outside of this County or solicitations or advertisements therefore or any existing programs of affirmative action regarding employment outside of this County and the effect of contract provisions required by these provisions (a), (b) and (c) shall be so limited.

The Contractor shall include provisions (a), (b) and (c) in every Subcontract in such manner that these provisions shall be binding upon each Subcontractor as to work in connection with the County Contract.

As used in this Appendix EE the term "Best Efforts Checklist" shall mean a list signed by the Contractor, listing the procedures it has undertaken to procure Subcontractors in accordance with this Appendix EE.

As used in this Appendix EE the term "County Contract" shall mean (i) a written agreement or purchase order instrument, providing for a total expenditure in excess of twenty-five thousand dollars (\$25,000), whereby a County contracting agency is committed to expend or does expend funds in return for labor, services, supplies, equipment, materials or any combination of the foregoing, to be performed for, or rendered or furnished to the County; or (ii) a written agreement in excess of one hundred thousand dollars (\$100,000), whereby a County contracting agency is committed to expend or does expend funds for the acquisition,

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construction, demolition, replacement, major repair or renovation of real property and improvements thereon. However, the term "County Contract" does not include agreements or orders for the following services: banking services, insurance policies or contracts, or contracts with a County contracting agency for the sale of bonds, notes or other securities.

As used in this Appendix EE the term "County Contractor" means an individual, business enterprise, including sole proprietorship, partnership, corporation, not-for-profit corporation, or any other person or entity other than the County, whether a contractor, licensor, licensee or any other party, that is (i) a party to a County Contract, (ii) a bidder in connection with the award of a County Contract, or (iii) a proposed party to a County Contract, but shall not include any Subcontractor.

As used in this Appendix EE the term "County Contractor" shall mean a person or firm who will manage and be responsible for an entire contracted project.

As used in this Appendix EE "Documentation Demonstrating Best Efforts to Obtain Certified Minority or Women-owned Business Enterprises" shall include, but is not limited to the following:

- a. Proof of having advertised for bids, where appropriate, in minority publications, trade newspapers/notices and magazines, trade and union publications, and publications of general circulation in Nassau County and surrounding areas or having verbally solicited M/WBEs whom the County Contractor reasonably believed might have the qualifications to do the work. A copy of the advertisement, if used, shall be included to demonstrate that it contained language indicating that the County Contractor welcomed bids and quotes from M/WBE Subcontractors. In addition, proof of the date(s) any such advertisements appeared must be included in the Best Effort Documentation. If verbal solicitation is used, a County Contractor's affidavit with a notary's signature and stamp shall be required as part of the documentation.
- b. Proof of having provided reasonable time for M/WBE Subcontractors to respond to bid opportunities according to industry norms and standards. A chart outlining the schedule/time frame used to obtain bids from M/WBEs is suggested to be included with the Best Effort Documentation
- c. Proof or affidavit of follow-up of telephone calls with potential M/WBE subcontractors encouraging their participation. Telephone logs indicating such action can be included with the Best Effort Documentation
- d. Proof or affidavit that M/WBE Subcontractors were allowed to review bid specifications, blue prints and all other bid/RFP related items at no charge to the M/WBEs, other than reasonable documentation costs incurred by the County Contractor that are passed onto the M/WBE.
- e. Proof or affidavit that sufficient time prior to making award was allowed for M/WBEs to participate effectively, to the extent practicable given the timeframe of the County Contract.
- f. Proof or affidavit that negotiations were held in Best Efforts with interested M/WBEs, and that M/WBEs were not rejected as unqualified or unacceptable without sound business reasons based on (1) a thorough investigation of M/WBE qualifications and capabilities reviewed against industry custom and standards and (2) cost of performance. The basis for rejecting any M/WBE deemed unqualified by the County Contractor shall be included in the Best Effort Documentation
- g. If an M/WBE is rejected based on cost, the County Contractor must submit a list of all sub-bidders for each item of work solicited and their bid prices for the work.
- h. The conditions of performance expected of Subcontractors by the County Contractor must also be included with the Best Effort Documentation
- i. County Contractors may include any other type of documentation they feel necessary to further demonstrate their Best Efforts regarding their bid documents.

As used in this Appendix EE the term "Executive Director" shall mean the Executive Director of the Nassau County Office of Minority Affairs; provided, however, that Executive Director shall include a designee of the Executive Director except in the case of final determinations issued pursuant to Section (a) through (l) of these rules.

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As used in this Appendix EE the term "Subcontract" shall mean an agreement consisting of part or parts of the contracted work of the County Contractor.

As used in this Appendix EE, the term "Subcontractor" shall mean a person or firm who performs part or parts of the contracted work of a prime contractor providing services, including construction services, to the County pursuant to a county contract. Subcontractor shall include a person or firm that provides labor, professional or other services, materials or supplies to a prime contractor that are necessary for the prime contractor to fulfill its obligations to provide services to the County pursuant to a county contract. Subcontractor shall not include a supplier of materials to a contractor who has contracted to provide goods but no services to the County, nor a supplier of incidental materials to a contractor, such as office supplies, tools and other items of nominal cost that are utilized in the performance of a service contract.

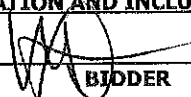
Provisions requiring contractors to retain or submit documentation of best efforts to utilize certified subcontractors and requiring Department head approval prior to subcontracting shall not apply to inter-governmental agreements. In addition, the tracking of expenditures of County dollars by not-for-profit corporations, other municipalities, States, or the federal government is not required.

Prohibition of Gifts. In accordance with County Executive Order 2-2018, the Contractor shall not offer, give, or agree to give anything of value to any County employee, agent, consultant, construction manager, or other person or firm representing the County (a "County Representative"), including members of a County Representative's immediate family, in connection with the performance by such County Representative of duties involving transactions with the Contractor on behalf of the County, whether such duties are related to this Agreement or any other County contract or matter. As used herein, "anything of value" shall include, but not be limited to, meals, holiday gifts, holiday baskets, gift cards, tickets to golf outings, tickets to sporting events, currency of any kind, or any other gifts, gratuities, favorable opportunities or preferences. For purposes of this subsection, an immediate family member shall include a spouse, child, parent, or sibling. The Contractor shall include the provisions of this subsection in each subcontract entered into under this Agreement.

Disclosure of Conflicts of Interest. In accordance with County Executive Order 2-2018, the Contractor has disclosed as part of its response to the County's Business History Form, or other disclosure form(s), any and all instances where the Contractor employs any spouse, child, or parent of a County employee of the agency or department that contracted or procured the goods and/or services described under this Agreement. The Contractor shall have a continuing obligation, as circumstances arise, to update this disclosure throughout the term of this Agreement.

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**INDEMNIFICATION:**

Contractor agrees to indemnify and hold harmless County and its agents, officers and employees, from and against any and all losses, costs, expenses (including attorneys' fees and disbursements), damages and liabilities, arising out of or in connection with any acts or omissions of Contractor, its officers, agents or employees, provided, however, that Contractor shall not be responsible for that portion, if any, of a loss that is caused by the negligence of the County; and provided, further, that Contractor shall not be liable for consequential, indirect or special damages. Contractor shall, at County's demand and at County's direction, defend at its own risk and expense any and all suits, actions or legal proceedings which may be brought against County, its agents, officers or employees in connection with a loss for which Contractor is responsible under this paragraph.

**DEFINITIONS:**

- The term "County" as used herein, shall be deemed as reference to the County of Nassau, State of New York.
- The term "Contractor" as used herein, shall be deemed as reference to the successful bidder, vendor, proprietor, partnership, or corporation receiving an award to perform any or all of the services specified herein in accordance with the terms of this agreement.
- The term "agency" as used herein, shall be deemed as the department, division, bureau, office, agency or other Nassau County establishment authorized to receive the service specified herein.
- The term "Director" as used herein, shall be deemed as reference to the Director of the Office of Purchasing.
- The term "Blanket Order" as used herein, shall be deemed as the multiple use pricing agreement as a result of this bid.
- The term "Purchase Order" as used herein, shall be deemed as the single use pricing agreement as a result of this bid.
- The term "complete" as written in this bid must include all equipment, delivery and installation of same in its entirety, as listed in the contract documents, and is to include all supervision, labor, materials, plant equipment, transportation, testing, (if required) incidentals, and other facilities as necessary and/or required to execute all the work as herein specified, or as incidentally required to provide a complete operating installation.

NOTE: INSERT FEDERAL IDENTIFICATION NUMBER IN SPACE PROVIDED ON PAGE 1.

**M/WBE, SDVOB and DBE Participation:** The County encourages the participation of certified Service-Disabled Veteran-Owned Businesses ("SDVOB"), Minority or Women-Owned Business Enterprises ("M/WBE"), and Disadvantaged Business Enterprises ("DBE") in the bidding process. A Contractor that is certified by New York State or the County as a SDVOB, M/WBE, and/or DBE should include this information in their bid. For more information regarding the County's SDVOB, M/WBE, or DBE programs, please visit the Nassau County Office of Minority Affairs website

**IMPORTANT**

PRICE MUST BE INSERTED WITH TYPEWRITER OR INK. BIDS MUST BE SIGNED IN INK. TO ASSURE OFFER REACHING IN TIME, **YOU ARE URGED TO MAIL YOUR FORMAL SEALED BID EARLY. THIS FORMAL SEALED BID MUST REACH OUR OFFICE BY 11:00 A.M.** LATE FORMAL SEALED BIDS WILL NOT BE ACCEPTED.

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REQUIRED VENDOR DISCLOSURE FORMS

Prior to the bid opening, the following disclosure forms (the "Disclosure Forms") must be submitted in the Nassau County Vendor Portal at

[https://apex5.nassaucountyny.gov/ords/f?p=312:LOGIN\\_DESKTOP:3445712403627:](https://apex5.nassaucountyny.gov/ords/f?p=312:LOGIN_DESKTOP:3445712403627:)

- a. A duly completed and verified Business History Form, together with a current certified or verified financial statement and/or other commercially reliable written evidence of the bidder's credit, financial standing and capacity to perform in accordance with the terms of the Contract.
- b. All officers, and any individuals who hold a ten percent (10%) or greater ownership interest in the bidder, shall complete and verify the Principal Questionnaire.
- c. The County of Nassau Consultant's, Contractor's and Vendor's Disclosure Form
- d. Additionally, if the bidder utilizes the services of any individual or organization for the purposes of conducting lobbying activities and is awarded the contract, the successful proposer will be required to provide a copy of the Lobbyist Registration and Disclosure Form, completed and verified by that individual/organization.

PLEASE NOTE:

- If a bidder has previously submitted the Disclosure Forms in the Nassau County Vendor Portal, the bidder must ensure that the forms on file in the Portal are current, accurate, and have been recertified within three (3) months prior to the bid opening date. The bidder must also ensure that their response to question 7, and its subparts, on the Consultant's, Contractor's, and Vendor's Disclosure Form is provided in relation to the specific solicitation under consideration.

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**REQUESTS FOR INFORMATION OR CLARIFICATION**

Before bidding, bidders must examine all of the Contract documents, including the specifications, any drawings, and all instructions. If the bidder finds any inconsistency, ambiguity, omission or error in the specifications, drawings, instructions or any other Contract document, or if the bidder is in doubt as to the meaning of any term or condition of the Contract, the bidder must promptly so notify the **Office of Purchasing** in writing prior to the bid opening. The failure of the bidder to notify the **Office of Purchasing**, prior to the bid opening of any inconsistency, ambiguity, omission or error that the bidder actually found, or that should have been discovered by a reasonably prudent bidder, will preclude and negate acceptance of the bidder's claim.

If the **Office of Purchasing** receives a notification from a bidder of a differing site condition or an inconsistency, ambiguity, omission or error in the Contract documents, the **Office of Purchasing** will, as it deems necessary or desirable, issue a written interpretation or correction to the Contract documents as an amendment to the Contract documents. Any such amendment will be made available electronically to each person that received a copy of the Contract documents as reflected in the records of the **Office of Purchasing**, and any such amendment will also be available at the place where the Contract documents are available for inspection by prospective bidders.

Upon such mailing or delivery, such amendment shall become part of the Contract documents and shall be binding on all bidders, whether or not they have had actual notice of such addendum.

**Please note that all bidder requests for information or clarification must be received by the Authority at least 72 hours prior to the bid opening. Any bidder requests for information or issues with the contract documents presented after that time may not be addressed by the Office of Purchasing.**

**Ordinance # 153-2018**

Pursuant to Ordinance # 153-2018, a bidder that is awarded a contract under this bid is required to pay the County an administrative service charge in accordance with the following schedule:

<u>Value of Contract</u>	<u>Administrative Fee</u>
\$0-\$10,000	\$0
Over \$10,000-\$50,000	\$160
Over \$50,000-\$100,000	\$266
Over \$100,000	\$533

After an award, the successful bidder(s) will be notified by the Director of Shared Services, or their designee, when payment of the administrative charge is due. Please note, if you are a religious, charitable, nonprofit, or not-for-profit organization, please include this information in your bid for consideration by the Director of the Shared Services to waive the fee.

**Ordinance # 72-2014**

The bidder declares that they are a registered vendor with the County. All registered vendors must pay a Two Hundred Seventy-Five Dollar (\$275.00) per contract fee to register Blanket contracts on the County's procurement website, as required under Ordinance # 72-2014.

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**PURPOSE:** The purpose of this bid is to establish a price structure on which items and/or services will be made under Blanket Orders.

**SCOPE:** It is the intent of the County of Nassau to properly describe by these specifications and terms an adequate method of providing: **ambulances**

**AWARD:** Award, if any, will be made to the lowest responsible bidder, who in the opinion of the Director of Purchasing, meets the specifications and qualifications stated herein. The Director of Purchasing reserves the right to make an award be items, groups, or classes of items or as a whole. Awards will be made in accordance with the terms and conditions attached hereto and made part hereof.

**PERIOD COVERED:** Shall be for one (1) year from the effective date. The County of Nassau reserves the right to extend the Blanket Order up to an additional four (4) year(s), at up to one (1) year options. However, the termination of the Blanket Order may be further extended up to two (2) months beyond the stated termination date. The maximum period of any Blanket Order as a result of this bid with renewal options applied shall be five (5) year(s), and if the further extension is applied, five (5) years and two (2) months.

**ALL EXTENSIONS ARE SUBJECT UPON THE MUTUAL CONSENT OF BOTH PARTIES.**

**DELIVERY:** Bidders are required to state guaranteed delivery date in terms of days after receipt of order in the space provided below and on page one. Bidders are cautioned to post realistic delivery dates. Guaranteed delivery dates will be strictly enforced. Must be made within 15 days A/R/O unless stated otherwise below:

Delivery to be made 150 Days A/R/O.

Delivery shall be made **ONLY** upon receipt of a Purchase Order, or in the case of a Blanket Order, upon receipt of a Direct Purchase Order(s) from a using agency authorized to use the Blanket Order which will be issued to the successful bidder. Purchase Order and Direct Purchase Order shall indicate the destination address. Inside delivery is required on all deliveries.

Bidders agree that all orders shall be effective and binding upon the contractor when PLACED IN THE MAIL addressed to the Contractor at the address shown on the Blanket Order/Purchase Order PRIOR TO MIDNIGHT OF THE FINAL DAY OF CONTRACT.

**BILLING:** Shall be made on County claim forms or Certified Invoices to the individual using County Agency upon completion of deliveries made against applicable Purchase Order(s) or Direct Purchase Order(s).

NO PARTIAL PAYMENTS WILL BE PAID.

\*\*\*\*\*VENDOR CLAIM CERTIFICATION\*\*\*\*\*

IF A CLAIM VOUCHER IS NOT BEING SUBMITTED, THE FOLLOWING CERTIFICATION **MUST** APPEAR ON THE INVOICE:

I HEREBY CERTIFY THAT ALL ITEMS OR SERVICES WERE DELIVERED OR RENDERED AS SET FORTH IN THIS CLAIM; THAT THE PRICES CHARGED ARE IN ACCORDANCE WITH REFERENCED PURCHASE ORDER, DIRECT PURCHASE ORDER OR CONTRACT, THAT THE CLAIM IS JUST, TRUE AND CORRECT; THAT THE BALANCE STATED HEREIN IS ACTUALLY DUE AND OWING AND HAS NOT BEEN PREVIOUSLY CLAIMED; THAT NO TAXES FROM WHICH THE COUNTY IS EXEMPT ARE INCLUDED; AND THAT ANY AMOUNTS CLAIMED FOR DISBURSEMENTS HAVE ACTUALLY AND NECESSARILY BEEN MADE.

Vasilios Hadzigeorgiou 3-29-2021  
CLAIMANT NAME DATE  
[Signature] President  
BY (SIGNATURE) TITLE

\*CLAIM VOUCHERS AND CERTIFIED INVOICES NOT PROPERLY COMPLETED WILL BE RETURNED TO YOU UNPAID\*\*

Vendors may download claim form NIFS560 at the following URL:

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[Signature]  
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<http://www.nassaucountyny.gov/agencies/Comptroller/Docs/PDF/ClaimVoucherFormBlank.pdf>

**TOTAL CONSUMPTION:** Total consumption of order awarded may be PLUS/MINUS those quantities without any price change.

**INSPECTION:** Bidders should be aware of Inspection and Delivery requirements as stipulated.

**PRICE DISCREPANCY:** In the event of a discrepancy between the unit price and the extension price, the unit price will govern.

**RETENTION OF BID:** Vendor is required to make a copy of his completed bid document and applicable attachments. Any purchase orders issued against this bid will refer to the bid and attachments to designate items awarded.

**METHOD OF BIDDING:** Please submit unit price in the appropriate column.

**ADDITIONAL BIDS:** The County reserves the right, for any un-contemplated additional requirements of extraordinary quantities of particular items to call for new bids, therefore, whenever in the opinion of the Director of the Office of Purchase it is in the best interests of the County of Nassau to do so.

**PARTICIPATION BY POLITICAL SUBDIVISIONS:** The successful vendor agrees that all political subdivisions of New York State and all other entities authorized by law to make such purchases may participate in any award under this bid. These Entities shall accept full responsibility for any payments due the successful bidder for their purchases hereunder.

**SAMPLES:** Samples, when required, must be submitted strictly in accordance with instructions **otherwise the bid may not be considered.** If samples are requested subsequent to bid opening, they shall delivered within five (5) business days of the request for the bid to be considered. Samples must be furnished free of charge and must be accompanied by descriptive memorandum indicating if the bidder desires their return, also specifying the address to which they are to be returned, provided they have not been used or made useless by testing. Award samples may be held for comparison with deliveries. Samples will be returned at bidders' request and expense.

**TAX PROVISION:** Purchases made by the County of Nassau are not subject to State, Local Sales Taxes or Federal Excise Taxes. Federal Exemption #A-109538 State Exemption #EX 7213062C. The County of Nassau is not subject to any Existing "Fair Trade Agreements" and bidders should be governed accordingly.

**SPECIFICATIONS:** Submit complete specifications and illustrations of products offered with the bid. Acceptance of a bid and designation of a manufacturer's catalog description, brand name or number in any Purchase or Blanket Order resulting there-from shall not be construed as qualification of the specifications of this bid or relief there-from, except as specifically stated in the Purchase or Blanket Order.

**PRODUCT IDENTIFICATION:** If a product(s) is identified by a BRAND NAME, a substitute of equal quality, construction, finish, composition, size, workmanship and performance characteristics may be acceptable. In submitting a bid, each bidder warrants that the substitute product being offered is an equal. Bid sheets shall be so noted of the manufacturer's name and brand of the product offered as an equal. If as a result of an award, a delivery is made of a brand or product represented as an equal which is subsequently deemed to be unacceptable, the Contractor shall be required, at his expense, to pick up the rejected item and replace it with brand(s) listed in this bid, or an acceptable equal which will have the approval of the Director.

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BIDDER SIGN HERE

BIDDER

PRESIDENT  
TITLE

**PROTECTION FROM CLAIM AGAINST "OR EQUAL":** In the event of any claim by any unsuccessful bidder concerning or relating to the issue of "equal or better" or "or equal", the successful bidder agrees, at his own cost and expense, to defend such claims or claims and agrees to hold the County of Nassau free and harmless from any and all claims for loss or damage arising out of this transaction for any reason whatsoever.

**ALTERNATIVE ITEM:** In submitting a bid on a commodity other than as specified, bidder shall furnish complete data and identification with respect to the alternate commodity he proposes to furnish. Consideration will be given to proposals submitted on alternate commodities to the extent that such action is deemed to serve the best interests of the County. If a bidder does not indicate that the commodity he proposes to furnish is other than as specified, it will be construed to mean that the bidder proposes to furnish the exact commodity as described. Consideration of the alternate shall be at the sole discretion of the Director. MORE THAN ONE (1) BID ON EACH ITEM WILL NOT BE CONSIDERED, UNLESS OTHERWISE SPECIFIED BY THE COUNTY.

**EQUIVALENT BIDS:** Bidders may offer a product of the same capability, but of different manufacture and model than that specified in this bid. The use of the name of a manufacturer, brand, make or catalog designation in specifying items described herein does not restrict or preclude bidders from offering equivalent or better product bids. Such a designation is used only to indicate the character, quality and minimum performance desired. Equal or better product bids are permissible. A bidder submitting an equal or better product shall, at his own cost and expense be responsible for submitting proof and/or a demonstration of equivalence, compatibility and performance. However, acceptance of an equivalent product shall be strictly at the discretion of the Director. Any omission of the term "or equal" in any specific bid item listing should be disregarded by the bidder. All bidders shall have an absolute right to submit "equivalent" bids notwithstanding any other provision of the bid specifications.

**WARRANTY:** The successful bidder warrants the equipment furnished and all associated equipment against any defects in design, workmanship and materials against failure to operate satisfactorily for one (1) year from the date of acceptance by the using department and/or agency of the equipment, other than defects or failure shown by the Contractor that have arisen solely from accident or abuse occurring after delivery to the Nassau County agency. Contractor agrees to replace any parts, which in the opinion of the user, shall fail from the above reasons.

*IMPORTANT NOTES: If a company policy or trade practice requires a different warranty period, the bidder may so state without fear of disqualifications. However, the bidder is cautioned that the length of warranty may, in some cases, be a deciding factor in making an award.*

*Equipment furnished hereunder shall meet the standards set forth in the Occupational Safety and Health Act of 1970.*

BIDDER SHALL STATE WARRANTY  
PERIOD: See attached Warranty specifications

NOTE: All warranties take effect only upon written acceptance of equipment by using agency and shall run full term from that point.

BIDDER SHALL INDICATE COST AND TERM OF ANY EXTENDED WARRANTY OPTION, IF AVAILABLE:

See Attached Ford Warranty options

**NON-ASSIGNMENT:** In accordance with Section 138 of the State Finance Law, the contract may not be assigned by the Contractor or its right, title or interest therein assigned, transferred, conveyed, sublet or otherwise disposed of without the previous consent, in writing, of Nassau County and any attempts to assign the contract without the County's written consent are null and void.

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**REDUCTION IN PRICES:** If an award is made, the Contractor agrees, should prices be reduced to the general trade during the requirement period, the County shall receive the benefit of such reduction immediately upon effect. It shall be incumbent upon the Contractor to notify the Purchasing Department of such price reductions.

**FIRM PRICES:** Prices will be firm for a period of See attached proposal page for breakdown from the issuance of the Blanket Order and no changes will be allowed. If prices are increased or decreased by the manufacturer after New Model Year days, the vendor may apply to the Director of Purchasing for permission to increase his prices. The request will be considered only if accompanied by documentary evidence of the necessity for increased prices. If the Director of Purchasing accepts the request, the Blanket Order will be amended accordingly.

However, if the Director of Purchasing does not consider the new prices as fair and reasonable in the County's interest, the Blanket Order may be cancelled after 30 days written notice, and vendor agrees to fill all outstanding orders placed prior to cancellation. When prices to the trade are decreased, the prices of applicable items in the Blanket Order shall be decreased accordingly. It shall be incumbent on the vendor to notify the Director of Purchasing of such decreases immediately after it becomes effective.

**APPROXIMATE QUANTITIES:** The estimated usage quantities or estimated annual dollar value, when indicated, are merely estimated quantities based on experience and are given for information purposes only. The County will not be compelled to order the total estimated amount of any item; but the quantity to be ordered will be such as may be actually required by the respective County Department s during the period specified. Additional quantities of any items or quantity specified therein may be ordered during the period of the Blanket Order at the prices indicated.

**TERMINATION PREROGATIVE:** The Director reserves the right to cancel the Blanket Order by giving not less than thirty (30) days written notice that, on or after a date therein specified, the contract shall be deemed terminated and cancelled.

**DISCLAIMER**

Any Blanket Purchase Order issued as a result of this bid will establish terms and conditions pursuant to which certain materials and/or services are to be supplied or performed, from time to time, for a specified period upon issuance by the County of Delivery Orders. The Blanket Purchase Order is non-exclusive and the County is not bound to purchase, and no materials are to be delivered or services performed without a Delivery Order. The County shall be under no obligation whatsoever to issue such Delivery Orders. The Blanket Purchase shall not apply in any way to items of material or service deemed by the County in its sole discretion to be extraordinary or involve any special conditions, quantities, circumstances or complexities.

**NEW YORK STATE PRICES:** Bidders must represent and warrant that if they are under contract with New York State for items specified herein, that the price quoted to the County is not higher than the price per unit quoted to New York State for like quantities.

**VENDOR RESPONSIBILITY CRITERIA:** The Director of Purchasing reserves the right before making an award to make investigations as to whether or not the qualifications, services, facilities or items offered by the bidder meet the requirements set forth herein and are ample and sufficient to ensure the proper performance in the event of an award. The bidder must be prepared, if requested by the Director of Purchasing, to present evidence of experience, ability, financial standing, as well as a statement as to plant, machinery, trained personnel and capacity for the rendition of the service on which the vendor is bidding. Upon request of the Director, the successful bidder shall file certification from the manufacturer relative to authorization, delivery, service and guarantees. If it is found that the conditions of the bid are not complied with or that the services or equipment proposed to be furnished do not meet the requirements called for, or that the qualifications, financial standing, or facilities are not satisfactory, the Director may reject such bids. It is distinctly understood, however, that nothing in the forgoing shall mean or imply that it is obligatory upon the Director to make any examinations before an award; and it is further understood that, if such examination is made, it in no way relieves the bidder from fulfilling all requirements and conditions of the bid.

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**NON-COLLUSIVE BIDDING CERTIFICATION REQUIRED BY SECTION 139-D OF THE STATE FINANCE LAW**

**BY SUBMISSION OF THIS BID, BIDDER AND EACH PERSON SIGNING ON BEHALF OF BIDDER CERTIFIES, AND IN THE CASE OF A JOINT BID, EACH PARTY THERETO CERTIFIES AS TO ITS OWN ORGANIZATION, UNDER PENALTY OR PERJURY, THAT TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF:**

[1] The prices of this bid have been arrived at independently, without collusion, consultation, communication, or agreement for the purposes of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor;

[2] Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to opening, directly or indirectly, to any other Bidder or to any competitor; and

[3] No attempt has been made or will be made by the Bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

**A BID SHALL NOT BE CONSIDERED FOR AWARD NOR SHALL ANY AWARD BE MADE WITH [1], [2], [3] ABOVE HAVE NOT BEEN COMPLETE WITH; PROVIDED HOWEVER, THAT IF IN ANY CASE THE BIDDER(S) CANNOT MAKE THE FOREGOING CERTIFICATION, THE BIDDER SHALL SO STATE AND SHALL FURNISH BELOW A SIGNED STATEMENT WHICH SETS FORTH IN DETAIL THE REASONS THEREFORE:**

[AFFIX ADDENDUM TO THIS PAGE IF SPACE IS REQUIRED FOR STATEMENT]

Subscribed to under penalty of perjury under the laws of the State of New York,

this 29<sup>th</sup> day of March, 2021 as the act and deed of said Corporation or Partnership.

**Identifying Data:**

Potential Contractor: L.I. Prollner Inc.

Address: 18


Street: Peconic Ave

City, Town, etc: Medford NY 11763

Telephone: 631-447-9558 Title: President

If applicable, responsible Corporate Officer

Name Vasilios Hadzigeorgiou Title President

Signature: [Signature] 

**FAILURE TO COMPLETE THIS FORM AND SIGN IN APPROPRIATE PLACE SHALL RESULT IN AUTOMATIC REJECTION OF THE BID.**

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[Signature]  
BIDDER

President  
TITLE

**GENERAL INSTRUCTIONS: All bidders must adhere to the following conditions:**

As per New York State Municipal Law 103, no exception can be taken to any material term and/or condition of this bid with the exception of any warranties as presented in this bid for the specific commodity or service required.

Any language in any proposal or document submitted by a bidder as part of their bid that is accepted by the County of Nassau cannot be in conflict with any material term and/or condition relevant to this bid with the exception of any warranties or the specifications of the commodity or service required by this bid. If there is any conflict between the bidder's terms and conditions and the terms and conditions of this bid, the terms and conditions of this bid shall govern.

Bidders must insert **FEDERAL IDENTIFICATION NUMBER** in the space provided on page one of this bid.

Late Formal Sealed Bids will NOT be accepted. Bidders are urged to mail bids early to assure delivery on time. Bids must be received by 11:00 A.M. on the bid opening date.

Prices **MUST** be inserted with **TYPEWRITER OR INK**. Entries with **WHITE OUT, CROSS-OUTS OR LIFT-OFF TAPE** **MUST** BE INITIALED or that entry will be disqualified.

Bidders should submit bid with unit price in the appropriate column on bid pages or forms attached hereto. In the event of a discrepancy between the unit price and the extension, the unit price shall govern. Bidders shall submit one (1) original bid document and all applicable attachments. Any order issued against this bid will refer to the bid and attachments to designate items awarded. Bidders agree that all, Direct Purchase Orders and/or Purchase Orders shall be effective and binding upon the Contractor when placed in the mail, addressed to the Contractor at the address shown on the Direct Purchase Order or the Purchase Order.

Bidders **MUST** state manufacturer's name and catalog number of each item bid.

**ABSOLUTELY NO MINIMUM ORDERS** shall be applied to this bid.

Purchases made by Nassau County are not subject to State or Local Sales Tax or Federal Excise Taxes.

**Federal Exemption Number: A-109538**      **State Exemption Number: EX 7213062C**

Inside (receiving dock) delivery is required on all orders.

The rights and obligations of the parties under this agreement shall be governed by the laws of the State of New York.

Bids are hereby solicited for the commodities and/or services specified herein which are to be delivered and/or performed at the locations indicated, and in strict accordance with all specifications, terms and conditions attached hereto and made part hereof.

Bid document must be signed by proprietor, partner or corporate officer.

The clauses contained in these bid forms set forth the wishes of the County of Nassau in regard to the purchase and/or services required. However, the Director reserves the right to waive irregularities, omissions, or other technical defects if, in its judgment, the best interest of the County of Nassau will be served accordingly.

Bidders may take exception to paragraphs of the bid under a separate cover letter to be attached to this bid, indicating the specific bid page, paragraph and the exception(s). In any event, the decision of the Director will be final.

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Qualification statement **MUST BE COMPLETED** and submitted with bid. See page 4 for further details

**IMPORTANT NOTE:** The Director reserves the right to accept or reject any and all bids, or separable portions of offers, and waive technicalities, irregularities, and omissions if the Director determines the best interests of the County of Nassau will be served. The Director, in his sole discretion, may accept or reject illegible, incomplete or vague bids and his decision shall be final. A conditional or revocable bid which clearly communicates the terms or limitations of acceptance may be considered and contract award may be made in compliance with the bidder's conditional or revocable terms in the offer. Prior to award, the Director reserves the right to seek clarifications, request bid revisions, or to request any information deemed necessary for proper evaluation of bids from all bidders deemed to be eligible for contract award. Failure to provide requested information may result in rejection of the bid.

**EVALUATION:**

The Director of the Office of Purchasing (hereinafter known as the Director) reserves the right before making award to make investigations as to whether or not the items, qualifications, services or facilities offered by the Bidder meet the requirements set forth herein and are ample and sufficient to insure the proper performance in the event of an award. The Bidder must be prepared, if requested by the Director, to present evidence of experience, ability and financial standing, as well as a statement as to plant, machinery, trained personnel and capacity for the rendition of the service on which he is bidding. Upon request of the Director of Purchasing, successful bidder shall file certification from the manufacturer relative to authorization, delivery, service and guarantees. If it is found that the conditions of the bids are not complied with or that the services or equipment proposed to be furnished do not meet the requirements called for, or that the qualifications, financial standing or facilities are not satisfactory, the Director may reject such bids. It is distinctly understood, however, that nothing in the foregoing shall mean or imply that it is obligatory upon the Director to make any examinations before award; and it is further understood that, if such examination is made, it in no way relieves the Bidder from fulfilling all requirements and conditions of the bid.

**PARTS:**

Charges for parts used to complete work under this contract are required to be itemized on invoices and may be summarized on claims. The part thus billed should be identified by manufacturer and manufacturer's part number. Such charges for parts will be as enumerated in the PRICING SCHEDULE section above, and all instructions must be complied with in order to receive payment.

In any event, THIS CONTRACT MAY NOT BE USED TO PURCHASE PARTS ONLY

Vendor agrees, if requested, to provide the User Agency, the County Comptroller, or authorized representative of the Office of Purchasing with copies of such manufacturer's list prices.

The Cost Plus rate stated above will be paid only when there is no manufacturer's list price, and when billing is accompanied by a written notice from the part manufacturer advising that it does not issue price lists or that the particular item(s) in question do not have a list price.

Bidders (Contractors) are hereby advised that to insure and facilitate payment, the following information must accompany the contractor's claim:

Time sheet signed by authorized County personnel. Time sheets shall show travel time, if any, time of arrival, time of departure and hours worked.

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Details of parts used

If parts used are regularly carried in stock and manufacturer's price lists are used to price repair invoices, the contractor should furnish a copy of the price list to the Office of Purchasing. If parts are purchased to complete the repair, photocopies of the invoices must be furnished with the claim. Compliance with the above is necessary in order to expedite payment.

**MINIMUM ORDERS:** There will be many County Agencies ordering from Blanket Orders. Therefore, **NO MINIMUMS SHALL BE APPLIED TO THIS BID.**

**INSURANCE AND WORKERS COMPENSATION:** The successful bidder agrees to obtain from an insurance company, authorized to do business in the State of New York, and keep in force during the term of any agreement, a policy of Comprehensive and General Liability Insurance naming the Contractor as an insured, and naming the County of Nassau as an additional insured, including but not limited to the torts and negligence of Contractor's personnel, with a combined minimum single limit of three million dollars (\$3,000,000.00) for bodily injury and property damage for any one occurrence at the Contractor's sole cost and expense. Evidence of insurance may be required prior to Notice of Award or issuance of a Purchase Order. See required insurance amounts in the attachment.

The Contractor shall comply with all provisions of the Workers' Compensation Law and shall furnish a certificate showing evidence of current coverage.

**PRODUCT LIABILITY INSURANCE:** The successful bidder agrees to obtain from an insurance company authorized to do business in the State of New York, and keep in force during the term of an agreement, a policy of Product Liability Insurance, including foreign objects, with a combined minimum single limit of one million dollars (\$1,000,000.00) for each occurrence, at the Contractor's sole cost and expense, and shall furnish a certificate showing evidence of current coverage. Evidence of insurance may be required prior to Notice of Award or issuance of a Purchase Order.

**PRICE LIST AND CATALOG SERVICE:** The successful bidder shall furnish, upon request, price lists and catalogs to agencies authorized to use the Blanket Order which may be awarded under this bid. Photocopies will be accepted in lieu of originals. Two (2) copies of the current price list/catalog must be sent to the Nassau County Office of Purchasing. Failure to keep the Nassau County Office of Purchasing advised of price list/catalog changes may delay the processing of payments.

**PRICE LISTS AND DISCOUNTS:** Bidders may attach price lists and catalogs indicating discounts available to the County for all other products not listed herein. New items may be added to the price list at the then current price at the same discount schedule during the life of the contract.

**REPLACEMENT PARTS:** The requirements specified herein represent, for the most part, replacement and/or repair components to existing and presently owned equipment, and must match and inter-member without modification with the equipment and systems indicated.

Contractor shall retain complete and accurate records and documents related to this Agreement for six (6) years following the later of termination or final payment. Such records shall at all times be available for audit and inspection by the County.

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Governing Law – Consent to Jurisdiction and Venue; Governing Law. Unless otherwise specified in this Agreement or required by Law, exclusive original jurisdiction for all claims or actions with respect to this Agreement shall be in the Supreme Court in Nassau County in New York State and the parties expressly waive any objections to the same on any grounds, including venue and forum non conveniens. This Agreement is intended as a contract under, and shall be governed and construed in accordance with, the Laws of New York State, without regard to the conflict of laws provisions thereof.

Specifications for Ambulances or equal  
as per the 62 pages attached

Item#	Unit	Description	Unit Price	Total Price
#1	each	Ambulance	\$ <u>179,974.00</u>	\$ <u>179,974.00</u>

NOTE \*\*\*\*\*Price to include all specifications and delivery through pages 57 attached.

Separate options pricing

#2 2021 ford F350 4X4 NO liquid spring	<u>Deduct</u>	\$ <u>-14,970.00</u>
#3 2021 ford f350 4X4 with liquid spring	<u>deduct</u>	\$ <u>-4470.00</u>
#4 2021 XLT Ford F550 4x4 with liquid spring		\$ <u>5789.00</u>
#5 2021 ford XLT f550 crew cab 4x4 with liquid spring		\$ <u>9952.00</u>
#6 Module size to a 170" with interior options to match		\$ <u>14,972.00</u>
#7 Pass thru option with removal of rear 60% seat section and protective floor covering		\$ <u>1560.00</u>

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OFFICE OF PURCHASING  
COUNTY OF NASSAU STATE OF NEW YORK

FORMAL SEALED BID PROPOSAL  
07003-04011-035

#8 Rear seat storage unit made of 5/8 thick Gray UHMD poly to take place of the 60% seat section there shall be 2 poly removable bins to be included with 4 hand holes layout and design shall be determined at pre-construction meeting

\$ 2270<sup>00</sup>

#9 Complete lettering and graphics package to match the existing fleet all reflective material shall be 3M 7yr warrantee material (bidder must have availability to cut and apply lettering within 24hrs to minimize vehicle down time)

\$ 4395<sup>00</sup>

#10 MDT charging doc with articulating arm installed and wired (exact model of doc will be determined at preconstruction meeting)

\$ 1473<sup>00</sup>

#11 OEM diagnostic computer system software with 2yr subscription

\$ N/A

#12 FORD premium care 5yr 150,000 miles extended warrantee

\$ 5465<sup>00</sup>

#13 FORD premium care 7yr 150,000 miles extended warrantee

\$ 6489<sup>00</sup>

#14 Labor rate for all repairs to be performed on ambulance conversion for non waranteable items

\$ 98<sup>00</sup> PER HR

#15 Parts discount percentage off of list price for all ambulance conversion parts

%- 10

#16 Stryker Performance load with charger installed

\$ 7841<sup>00</sup>

#17 Stryker power cot with 4 steer wheels and o2 holder

\$ 18,907.00

#18 Stryker power load unit

\$ 24,100.00

#19 110V, 1500 Watt Auxiliary Heating System shall be installed in the module with a thermostat and an additional 20V shoreline outlet will be installed on the exterior of the module.

\$ 690<sup>00</sup>

#20 Auxiliary Air Conditioning Condensor & Compressor A/C Condensor and Compressor with dual pusher fan will be installed on the roof of the module and will have a 60 000 BTU capacity.

\$ 6980<sup>00</sup>

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#21 ) Front Push Bumper

The original equipment front bumper shall be removed and replaced with a custom unit fabricated from 1/4" steel. The unit shall follow the front contour of the grille and wrap around the sides of the vehicle to the front wheel well area. The bumper is to be as heavily reinforced as possible due to its use in the harshest of circumstances the face of the bumper shall have two air ventilation holes and large access holes enabling a chain with clevis hook to be easily secured to the front tow hooks by a "gloved" hand. On the face of the bumper shall be a 1/2" black UHMW or Teflon material. This push pad shall be one piece and wrap around with the sides of the bumper. It shall be attached to the bumper with Mono-bolt type fasteners recessed so when pushing they cannot catch on to the vehicle or object being pushed. The bumper shall be mounted directly to the frame of the vehicle and include a channel steel support from outer edges back to the chassis behind the front tires. Complete bumper shall be spray bed liner with 4000 psi material color black Line x or speed liner material.

There shall be no exposed wires on bumper all wires must be ran inside 2x3 box tube and all bumper electrical connections shall be duesch plug style for ease of repair the howler speakers shall be tucked under mounted with heavy duty brackets

(Tow truck style bumper will not be acceptable)

Design and layout shall determine at pre construction meeting

\$ 2895<sup>00</sup>

#22 BUMPER TO ACCEPT DUAL SIREN SPEAKERS

\$ 230<sup>00</sup>

Price Lists Must be supplied as requested and obtained by the vendor throughout the life of the contract.

Annual estimated Cost: \$3,000,000.

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## **L.I. Proliner, Inc.**

18 Peconic Avenue, Medford NY 11763

(631) 447-9558 Fax (631) 447-9548

**Rescue Vehicle & Equipment Sales & Service**

March 31, 2021

To Whom It May Concern:

Re: New model year price increase for multi-year contract.

We are proposing a (3.9%) new model year increase on the Chassis Demers Ambulance conversion and all additional options that are listed in the bid we feel this is the most cost effective way to calculate the price escalation on this multi-year contract .

**Ford Chassis /Ambulance Conversion /accessories 3.9% per new model year for the proposed life of the contact**

Vasilios Hadzigeorgiou, President  
LI Proliner, Inc

## **Clarifications to Bid**

**Ford Chassis will be 2022 due to Ford early year order cut off.**

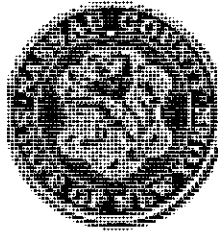
**Delivery time will be 150 days after receipt of purchase order**

**Option #10 includes the Havis station for the Panasonic Tough book charging Doc with Lin charger and all pass thru with the articulating arm installed same as the county currently uses**

**Option #11 OEM diagnostic computer system software with 2 year subscription .We cannot offer this option Ford said that they cannot sell us this system unless we are a Ford Dealer .If the extended warrantee option is chosen there will be no need to diagnose these vehicle's**

**Option # 12 Ford premium care warranty will be 0 dollar deductible option. If the one hundred dollar deductible per visit is acceptable deduct \$675.00 off the total price of the warrantee (The 0 deductible is the best option for municipalities)**

**Option # 13 Ford premium care warranty will be 0 dollar deductible option. If the one hundred dollar deductible per visit is acceptable deduct \$675.00 off the total price of the warranty (The 0 dollar deductible is the best option for municipalities)**



**Melissa Gallucci**  
Commissioner of Shared  
Services

**OFFICE OF PURCHASING**

1 West Street  
Mineola, NY 11501  
(516) 571-7720  
Fax (516) 571-4263

AMENDMENT NO. 1     3/24/21

**FORMAL SEALED BID NO. 07003-04011-035**

**FOR:**                      Ambulances  
**ISSUED:**                March 11, 2021  
**OPENING:**             April 1, 2021

**TO ALL BIDDERS:**

**Questions/Clarifications**

#1) SURETY: This section allows the County to request, within one week, bidders to post "security for faithful performance". Please clarify and define further

Response:

We are not requesting surety.

#2) All of APPENDIX EE: As written the specifications call for a fully manufactured ambulance vehicle on a Ford truck chassis. Said vehicles are fully manufactured outside of Nassau County, New York and as such the majority of clauses under 14-2002 for M/WBE subcontracting do not appear to be applicable. Please clarify bidder requirements under this section specific to the item(s) specified.

Response:

To clarify, the Appendix EE requirements are applicable to this contract/blanket purchase order and are relevant regardless of whether the equipment/vehicles are manufactured within or outside of Nassau County.

#3) ORDINANCE #153-2018; Administrative Service Charges: *Are the fees as noted per unit quantity, per Purchase Order, per Contract Year, or other measure?*

Response:

The administrative service charge is assessed based on the total value of the contract/blanket purchase order award.

#4) DELIVERY: Calls for "inside delivery". *As these are ambulance vehicles, is this accurate?*

Response:

Yes, the finished product must be delivered to the requesting agency's receiving location.

#5) RESTRICTION ON PARTIAL PAYMENTS: It is implied that quantities greater than one(1) maybe ordered on a Purchase Order and as such may deliver separately. *We request that payment are permissible on an "each" VIN-specific basis. Reason: On multi-unit fleet deliveries, if an individual unit somehow develops any problem or incurs damage that delays its delivery, the other units ordered on the open PO should be clear for corresponding unit payment upon NCPD acceptance and physical delivery.*

Response:

In the past we have been invoiced as the vehicles are delivered and pay in as many installments as there are vehicles on the PO. We do not require all the vehicles be delivered before paying any of the bill. Typically, each vehicle is its own invoice and processed as received.

#6) WARRANTY: Ambulances specified are the combination of a commercial truck chassis-cab (from Ford, known as the "OEM") and an ambulance modular body and conversion (from an ambulance builder, known by NHTSA as the Final Stage Ambulance Manufacturer "FSAM") Warranties offered by Ford on the CHASSIS are separate and distinct from warranties offered on the balance of the bid requirements. The "one year" warranty requirements on this page are also in conflict with more specific requirements found on Pages 4-5 of the technical specifications *Please re-state the Chassis and Body warranty requirements and/or optional extended warranties.*

Response:

The Warranty in the specifications supersedes the warranty clause in the bid document.

#7) PRODUCT LIABILITY INSURANCE: In the event the Bidder and Manufacturer (FSAM) are separate entities, *please clarify which should supply proof of this insurance.* (See also Page 8 of 62 on this requirement.)

Response:

As the bidder you are responsible for obtaining Product Liability Insurance.

#8) SEPARATE OPTIONS PRICING:

*First, Ford's order bank is already open for 2022 models as described. You may wish to update the model year of the various choices. 2021 models are unlikely to be available at time of contract award.*

*Are the option \$ \_\_\_\_\_ entries the calculated difference in price from Item # 1, OR the total alternate price for the replacement chassis plus conversion less applicable GPC rebate? Ford offers Government Price Concessions (GPC) to local government with a valid FIN Code, but the concession amounts are model and configuration specific. As such, the alternate chassis choices will drive not only a chassis price difference.*

*It is recommended that the updated bid document allows Ford's GPC variance amount to be displayed as a line item, as it is subject to change by Ford alone across model years and should be viewed separately from any forward ambulance price changes*

Response:

2021 or newer for the chassis model. This is intended to be a multi-year contract so clearly it would have to be acceptable to have newer than 2021. Since the specs were submitted, Ford has ended the 2021 production line. The option \$ \_\_\_\_\_ entries should be the amount of increase for the option over and above the base model price.

The vendor may list the Government Price Concessions as a line for each alternate chassis choice if they so choose.

#9) LETTERING & GRAPHICS: The 3M material being requested with 7-year warranty is 680-CR Scotchlite? *Please confirm. Also, we request that **representative photos** of the most current lettering And graphics layouts are provided (all sides and roof), as these vary somewhat based on units in the existing fleet. An opportunity to view such a unit would be highly beneficial.*

Response:

Vendor may come and photograph the striping and graphics and verify product type. Contact James O'Melia at [JOMelia@pdcn.org](mailto:JOMelia@pdcn.org).

#10) MDT CHARGING DOCK: To better align a price here, a representative model # needs to be provided. These items do vary substantially in price based on model and type. *Please provide a brand / model # as a reference.*

Response:

Hard mounted pole with swivel articulating arm and 79mm VESA mounting plate to accept County provided computer dock. Exact height and location to be determined at preconstruction conference

#11) STRYKER COTS AND FASTENERS: *Please provide the specific Stryker model numbers and related options / accessories associated with the optional pricing.* These items, particularly # 17, have a variety of options and features. We wish to make sure that what is bid is properly configured for use by EAB and that all bidders offer the specific item(s). (See also Page 38 of 62.)

Response:

16-18 Stryker Cots and Fasteners  
COT

- Power-PRO XT 6506000000
- XPS Option 6506040000
- 6506 PERFORMANCE-LOAD OPTION 6506034001
- Steer Lock Option 6506038000
- 3 Stage IV Pole PR Option 6500315000
- Pocketed Back Rest Pouch 6500130000
- Retractable Head Section O2 6085046000
- Head End Storage Flat 6500128000
- Equipment Hook 6500147000
- SMRT Charger Mounting Bracket 6500034000
- Dual Wheel Lock

PERFORMANCE LOAD

- PERFORMANCELOAD W/CHARGE,PLATE 6392000001  
Options
- PERFORMANCELOAD W/CHARGE,PLATE 6392000001
- STANDARD COMPONENTS 6392026000
- LABEL, 6392-000-001 SPEC 6392001901
- INDUCTIVE CHARGING OPTION 6392001015
- FLOOR PLATE ASSY KIT

#12 FRONT PUSH BUMPER: **Safety Advisory** / Chassis safety compliance with Federal Motor Vehicle Safety Standards (FMVSS) has only been performed with the Ford factory OEM supplied bumper in place. **Use of a heavy aftermarket bumper may alter the ability of sensors to deploy the SRS driver and passenger airbags in a frontal collision.**

Additionally, a heavyweight front bumper as described will unfavorably alter the handling characteristics of the unit.

Response:

No question is being asked. Vendor can take an exception if they do not want to provide this option.

#13) MINIMUM USABLE PAYLOAD: This passage states it is the responsibility of the Purchaser (County of Nassau) to specify a “**minimum usable payload...**” for the ambulance after calculating the weight of equipment and passengers anticipated. We have not found this important requirement itemized anywhere in the specification. *Please state the minimum usable payload requirement.*

Response:

Minimum usable payload. We do not have to provide this. It is our responsibility to determine whether or not what is provided by the vendor is suitable for our needs.

#14) FOBS & KEYS: The Ford F-450/550 vehicles come with a combined fob / hard chipped ignition/ door key. As written, these are called out as separate items with different quantities.

*Please clarify the total number needed/unit. Also please specify if fleet key (common key options required, or if all units are to be individually keyed?*

Response:

As specified there will be 6 FOB keys and 4 plain chip keys provided and programmed to the vehicle. Fleet Key is not acceptable. Each unit is individually keyed.

#15)

MAIN OXYGEN COMPARTMENT: *Please specify which size and type of oxygen cylinder is used by NCPD EAB. "M" or "H"? Steel or aluminum? These vary in dimensions.*

Response;

EAB uses "H" size steel cylinders

#16) REAR STEP BUMPER SWITCH: *May we ask what this required switch controls? Intent / function?*

Response:

This is a switch that will illuminate an indicator light if the rear step is left in the up position

#17) FINAL INSPECTION TRIP: *Please clarify number of persons from County of Nassau to attend, and if this is per unit or per Purchase Order?*

Response:

3 persons from the County to attend. This is per purchase order

- #4) All other terms and conditions of the Formal Sealed Bid to remain unchanged.
- #5) A copy of this Amendment must be signed by the Bidder and attached to his bid.

OFFICE OF PURCHASING

Claudia Colasurdo  
Technical Coordinator

Date & Sign

3/24/2021

A handwritten signature in black ink, consisting of a large, stylized 'C' followed by a vertical line and a horizontal stroke.



# NCPD EAB AMBULANCE Bid Specification

## Scope

Y ☒ N ☐

The ambulance specification documented here establishes requirements for a new Type I automotive emergency medical services (EMS) ground vehicle used for out-of-hospital medical care and patient transport. The term new as applied in this standard is intended to refer to the original construction of an ambulance using all new materials and parts. Bidders shall not propose ambulances that are refurbished or remounted.

## Purpose

The purpose of this document is to specify the purchaser's requirements, performance parameters, and essential criteria for the design of this ambulance. This document shall layout exacting details and shall have accompanied drawings to clearly and accurately specify the ambulance.

## Application

This specification shall apply to vehicles intended for use in both emergency and non-emergency operations.

## Equivalency

This specification is intended to provide the bidder the guidelines and parameters of the ambulance to be purchased. Many of the components specified here can be procured from common vendors. In those instances, the model or brand specified shall be used. The bidder is encouraged to propose a like model for those items in this specification which they cannot comply to. Alternative construction and design methods detailed by the bidder shall not be cause for automatic rejection. The specification for this ambulance has a desired level of quality and workmanship. In instances where exceptions and clarifications are necessary, detailed descriptions and photographs may be used.

## Exceptions

Each section requiring a response shall be marked by the bidder to acknowledge acceptance and compliance to the specification. Should the bidder choose not to comply with the specified requirements, the bidder shall disclose to the purchaser what they are offering in comparison. Exceptions to the proposal shall be documented in a centralized location in this bid proposal. The exceptions section of the proposal shall include the section heading, the page number and a

# NCPD EAB AMBULANCE Bid Specification

detailed description of what shall be proposed by the bidder. Bidders taking 'total exception' shall not be allowed and will be considered unresponsive as this disregard the purchasers request of a comparable product. Exceptions with descriptions claiming they meet or exceed the specification with no backing documentation will be considered non responsive and subject to disqualification.

## Drawings

The ambulance proposal shall include computer aided design (CAD) drawings for the model specified here. Two dimensions (2D) sales drawings shall be acceptable for this proposal. The bidder shall not accept standard model or generic drawings as these are not an accurate depiction of the vehicle specified. Drawings provided "upon request" shall not be permitted by the purchaser.

## Referenced Publications

This specification specifically sites documents or portions of documents listed below. It is the bidder's responsibility to ensure the ambulance proposed meets the requirements set forth in these documents.

## Responsibility of the Purchaser

It shall be the responsibility of the purchaser to consider the amount of equipment and personnel that will be carried on the ambulance and to specify a minimum usable payload that will accommodate this weight once the ambulance is placed in service if this weight exceeds standard regulations. It shall be the responsibility of the purchaser to specify any details of the ambulance that would exceed the minimum specifications of those standards. After acceptance of the ambulance, the purchaser shall be responsible for ongoing training of personnel to develop and maintain proficiency regarding the proper and safe use of the ambulance and its associated equipment.

## Responsibility of the Contractor

The bidder shall provide a detailed description of the ambulance with the proposal along with a list of equipment to be furnished. Documentation of all testing data detailed in this specification shall be included in the bid proposal. Failure to comply with this requirement is considered to be non-responsive and will be subject to rejection for this cause.

The bidder's detailed description shall include exceptions and clarifications clearly defining each section of the proposal not be fully compliant with the requirements of detailed specification defined here.

# NCPD EAB AMBULANCE Bid Specification

Responsibility for the ambulance and customer supplied equipment shall remain with the contractor until they are accepted by the purchaser.

## Manufacturing Capability

The ambulance manufacturers shall use a continuous flow production system to assemble their models of ambulances. The advantage of this continuous flow system is the entire assembly of the vehicle is broken down into logical assembly phases to which resources are attributed and properly trained. A description of the manufacturer production system shall be included.

The manufacturer supplier base shall be horizontally integrated. Therefore, the manufacturer shall have a light supplier base able to supply the manufacturer with a vast array of components. The advantage of horizontally integrated suppliers is being able to meet production demands during peak periods without the need to hire untrained personnel.

The ambulance manufacturer's production facility shall be capable of producing over 500 units any given fiscal or calendar year. The manufacturer shall have produced at least 500 units of varying models for the last 5 years consecutively. The manufacturer shall also provide a list of like models to the purchaser upon request.

## Schedule

The manufacturer shall be able to schedule the ambulance into its production cycle to give an accurate deadline of completion from the time of the signed accepted order. The bidder shall include the proposed lead time for the completion unit and other important milestones in a Gantt chart.

The manufacturer shall not be held liable for changes arising from its failure to make or delay in making delivery because of fire, flood, strike, riot, chassis shortage, accidents, acts of force majeure, or any circumstances beyond the bidding manufacturer's control.

## Quality Processes

A manufacturer's internal quality process system shall be in place. This quality processed system shall conform to ISO-9001 specifications. To ensure the quality system is continually maintain the manufacturer shall be audited by an independent agency. Documentation on this internal quality process system shall be provided.

# NCPD EAB AMBULANCE Bid Specification

## Ambulance Components

All components shall be installed in accordance with the applicable manufacturer's installation instructions. The emergency medical care vehicles, including chassis, equipment, devices, medical accessories, and electronic equipment shall be standard commercial products, tested and certified to meet or exceed the requirements of this standard. Vehicles shall be free from defects that may impair their serviceability or detract from appearance. All bodies, systems, equipment, and interfaces with the chassis shall be done in accordance with OEM best practices.

## Serviceability

The ambulance shall be designed so that all the manufacturer's recommended routine maintenance checks of lubricant and fluid levels can be performed by the operator without the need of hand tools. Ambulance components that interfere with repair or removal of other major components shall be attached with fasteners, such as cap screws and nuts, so that the components can be removed and installed with ordinary hand tools. These components shall not be welded or otherwise permanently secured into place.

In the event of repair (warranty or non-warranty), the manufacturer shall have approved service centers to assist in maintaining and repairing the ambulance. A list of the approved service centers shall be provided upon request of the purchaser.

## Warranty

The manufacturer shall include documentation of all warranties pertaining to the new ambulance. Each warranty shall be specifically detailed and shall describe what exactly is covered under the specified warranty. Warranties must be described and detailed in exact times (e.g years, months, days). Warranties offering "Lifetime" or "Limited Lifetime" are often considered legally vague and subject to interpretation from the manufacturer as well as the state in which the ambulance is placed in service. For this reason, the warranty for this ambulance shall be as follows:

Module Structure: 10 Years / Unlimited Miles  
Paint: 5 Years non pro-rated / 180,000 Miles  
Electrical: 5 Years/ 180,000 Miles

# NCPD EAB AMBULANCE Bid Specification

Materials and Workmanship: 5 Years/ 180,000 Miles

OEM Materials: 2 Years / 75,000 Miles

A written statement of each of the manufacturer's warranties shall be provided with this bid proposal.

## Documentation

All documentation delivered with the ambulance shall either be printed format, electronic format, audiovisual format or any combination of these forms of media. The documentation shall be provided in a centralized manual, binder or CD. All documentation shall be clearly labeled and shall be easy for the purchaser to review as necessary.

The ambulance manufacturer shall deliver with the ambulance at least one (1) copy of the following documents:

The manufacturer's record of ambulance construction details, including the following information:

Owner's name and address

Ambulance manufacturer, model, and serial number

Chassis make, model, and VIN

GAWR of front and rear axles and GVWR

Front tire size and total rated capacity in pounds (kilograms)

Rear tire size and total rated capacity in pounds (kilograms)

Engine make, model, serial number, rated horsepower.

Type of fuel and fuel tank capacity

Electrical system voltage and alternator output in amps

Battery make, model, and capacity in cold cranking amps (CCA)

Chassis transmission make, model, and serial number

Ratios of all driving axles

Maximum governed road speed

Paint manufacturer and paint number(s)

Company name and signature of responsible company representative

Documents from a certified scale showing curb weight on the front axle and rear axle(s) (without personnel and equipment)

Certification of compliance of the optical warning system

Siren manufacturer's certification of the siren

Written load analysis and results of the electrical system performance tests

Certification of slip resistance of all exterior stepping, standing, and walking surfaces

# NCPD EAB AMBULANCE Bid Specification

## Operations and Service Documentation

The manufacturer shall deliver with the ambulance at least one (1) set of complete owner/operators manuals. These manuals shall also include service documentation covering the completed ambulance as delivered and accepted.

The owner/operators manual shall include the inspection, service, and operations of the ambulance of all major components thereof. The documentation listed here shall be for each ambulance delivered and shall contain the following information:

- Manufacturer's name and address
- Country of manufacture
- Source for service and technical information
- Parts replacement information
- Descriptions, specifications, and ratings of the chassis
- Wiring diagrams for low voltage and line voltage ambulance-specific systems to include the following information:
  - Pictorial representations of circuit logic for all electrical components and wiring
  - Circuit identification
  - Connector pin identification
  - Zone location of electrical components
  - Safety interlocks
  - Alternator–battery power distribution circuits
  - Input/output assignment sheets or equivalent circuit logic implemented in multiplexing systems
- Lubrication charts
- Operating instructions for the chassis, any major components
- Instructions regarding the frequency and procedure for recommended maintenance
- Overall ambulance operating instructions
- Safety considerations
- Limitations of use
- Inspection procedures
- Recommended service procedures
- Troubleshooting guide
- Ambulance body, chassis, and other component manufacturer's warranties
- Special data required by this standard
- Material safety data sheet (MSDS) for any fluid that is specified for use on the ambulance

# NCPD EAB AMBULANCE Bid Specification

## Certification and Payload Signage

The complete ambulance shall have a certification and payload label. This label shall be mounted on the body (module) interior in a conspicuous location. The completed ambulance shall have a payload calculation form.

## Dimension Labeling

The completed ambulance manufacturer shall provide a high-visibility label showing the dimensions of the ambulance and the GVWR of the completed vehicle. This label shall be located in a location easily found by the driver.

## Component Protection

All manufacturer or supplier supplied hose lines, air system tubing and electrical harnesses shall be mechanically attached to the frame or body structure of the ambulance. All exposed tubing, electrical wiring and hoses shall be contained in a loom or an insulated covering on both the exterior and interior of the ambulance. Where hoses and electrical wiring looms are passing through a metal edge; a protective grommet shall be installed in the hole to prevent premature wear on the loom or hose. Exposed wires and hoses shall not be permitted as this poses a potential hazard and could cause premature failure of critical components on the completed ambulance.

## Personnel Protection

Protection in the form of guards and shields shall be provided on the completed ambulance to prevent injury of personnel by temperature sensitive, moving, or rotating parts during non-maintenance operations. Access to these areas shall be restricted yet still accessible for qualified technicians to perform maintenance when necessary.

Electrical insulation or isolation shall be provided on all electrical components to prevent electrical shock from onboard electrical systems. Electrical systems and wiring shall be properly secured in the electrical control panel to prevent accidental entry or storage in these areas.

The completed ambulance shall be free of sharp edges and protrusions that could injure during routine maintenance or while the vehicle is in motion.

## Liability

# NCPD EAB AMBULANCE Bid Specification

The bidding manufacturer shall furnish a Certificate of Insurance showing an aggregate of liability insurance which shall not be less than ten million dollars (\$10,000,000.00). This general liability Certificate of Insurance shall be provided by the manufacturer's insurer. Failure to provide a Certification of Insurance shall be considered non-responsive and cause for rejection of the proposal.

All Ambulance equipment offered and sold hereunder must meet Federal Motor Vehicle Safety Standards (FMVSS) and all modifications and enhancements to that specification.

Y ☒ N ☐

The manufacturer shall have a registration for ISO 9001(TM): 2015 for their Quality Management System (QMS). The QMS provides establishment, documentation, implementation, maintenance and improvement of management systems that impact the final quality of the product. Registration of the vendor's QMS demonstrates an enduring commitment to quality, a sharp focus on the customer, and robust communication throughout the product process chain to the customer. This registration provides for oversight with routine inspection of the QMS to maintain certification status. Proof of Certification shall be provided shall be provided with this proposal.

Drawings

Y ☒ N ☐

## Chassis

Conversion Ford F350/F450 Chassis Cab

All bodies, systems, equipment, and interfaces with the chassis shall be done in accordance with OEM best practices.

Y ☒ N ☐

-

Ford F450 XLT Super Duty Diesel Chassis super Cab 4X4 192"

F4H 2021 FORD F450 CHASSIS SUPER CAB, 192" WB 4X4 DRW (84" C.A.)

### MECHANICAL

Axle -Mono-beam front axle w/coil spring suspension

Battery - Batteries Dual 750 CCA

Brakes – Four-wheel Disc Brakes; Anti-lock Brake System (ABS)

Electronic Shift-On-the-Fly (ESOF) (4x4 only)

Emission 50-State Emissions System

Engine — 6.7L 4V OHV POWER STROKE V8 TURBO DIESEL B20 (\*99T\*)

Engine block heater (\*41H\*)

Operator Command Regeneration (\*98R\*)

Y ☒ N ☐



# NCPD EAB AMBULANCE Bid Specification

Rear-axle "Standard" width 4.10 Limited-slip w/DRW (\*X4N\*)

Tires - 225/70Rx19.5G BSW Traction (THB)

Transmission – TorqShift® Ten-Speed automatic w/Selectable Drive Modes (\*44G\*)

## FUNCTIONAL

Alternator: 397 amp (\*67B\*)

Ambulance Prep Package (\*47L\*)

Hood release

Horn - dual electric

Intelligent Oil-Life Monitor

Shock absorbers - heavy -duty gas

Sirius XM® Radio (Note: Includes a 6-month prepaid subscription. Service is not available in Alaska or Hawaii)

Spare Tire, Wheel and Jack (Excludes carrier; includes Hydraulic Jack (\*512\* \*61J\*))

Springs, rear auxiliary

Stabilizer bars – front rear

Trailer Brake Controller

Transmission Power Take-Off Provision (62R)

## EXTERIOR

Bumper – front, chrome

CAL SER VEH EXP (\*936\*)

Color - Oxford White (\*Z1\*)

Fender vents – front

Front License Plate Bracket

Fuel Tank — 40 gallon aft axle

Glass – privacy

Grille – two (2) bar, bright chrome

Preferred Equipment Package XLT Trim (\*653A\*)

Scuff plates – front, color-coordinated

"Three Blink" Lane change signal

Tow hooks – front (2)

Trailer wiring – 7 wire harness w/relays, blunt cut labeled

Wheels – 19.5" Argent Painted Steel

Manual Locking Hubs (4x4)

Windshield Wipers – intermittent

## INTERIOR/COMFORT/CONVENIENCE

4.2" LCD Productivity Screen in IP Cluster w/Compass display

12V Power point, auxiliary

Adjustable Gas / Brake Pedal (62M)

Air conditioning – single-zone, manual

Air conditioning vents – black w/chrome ring and knob

Auxiliary audio input jack

Cabin Air Particulate Filter

# NCPD EAB AMBULANCE Bid Specification

Carpet Delete (\*166\*)  
Coat hooks, LH/RH color-coordinated  
Dash top tray  
Daytime Running Lamps (DRL) (\*942\*)  
Dome lamp – LH/RH door activated I/P switch operated w/delay  
Door locks w/ backlit switches  
Door-trim – soft armrest, grab handle, power window/lock switches and reflector; front map pockets  
Gauges Meters - Fuel , Transmission temperature, Engine coolant temperature, Oil pressure (gas engine), and Turbo (diesel engine) gauges, Speedometer, Odometer, and Tachometer  
Handles, grab – driver front-passenger Handles, roof ride – front-passenger (also over rear-doors on Crew Cab)  
Headrests - driver and passenger 4 way adjustable  
Map lights – dual (front and rear w/Crew Cab)  
Mirror – rearview 11.5" day/night  
Outside Temperature Display  
Power Equipment Group – 1ST row (front-seat) windows w/one-touch up/down, power 2ND row (rear-seat) windows (Super/Crew Cab); power/door-locks w/backlit switches accessory delay  
Seat –Front, high-series cloth 40/20/40 medium earth grey (\*3S\*) split bench - 20% center under-seat storage, – w/center armrest, cupholder and storage (manual lumbar – driver's side) — Four-way adjustable driver/passenger headrests  
Steering – power  
Steering wheel – Black urethane with tilt and telescoping steering wheel/column; includes three (3) button message control  
Sun visors – color-coordinated cloth, driver w/pocket, both driver and passenger w/covered mirrors  
Floor liner kit  
Window rain gaurds  
Upfitter switches – 6 located in Overhead Console  
Chassis to have FORD OEM combination entry on cab doors Comments: Ford option 17V (Adjustable pedals (power), autolock/unlock and keyless entry keypad.  
Power windows w/backlit switches  
**SAFETY/SECURITY**  
AdvanceTrac® with RSC® (Roll Stability Control™)  
AutoLamp – Auto On/Off Headlamps with Rain lamp Wiper activated Headlamps  
Belt-Minder® (front safety belt reminder)  
Driver and passenger frontal and side airbag/curtain; passenger side deactivation switch  
Headlamps – Quad beam jewel effect halogen  
Lamps – Roof marker/clearance – LED

# NCPD EAB AMBULANCE Bid Specification

Mirrors – manually telescoping (\*54K\*) /folding trailer tow with power/heated glass, heated convex spotter mirror, integrated clearance lamps/turn signals

MyKey® owner controls feature

Remote keyless entry and Perimeter anti-theft alarm

6 fob keys

4 chipped keys

Safety Belts – color-coordinated w/height adjustment (front-outboard seating positions only)

Safety Canopy® System

SecuriLock® Passive Anti-Theft System (PATS)

Stationary Elevated Idle Control (SEIC)

SOS Post-Crash Alert System™

Under hood service light

DRIVER ASSIST

Automatic High Beam – standard

Cruise Control (steering wheel mounted)

SYNC® 3 – Enhanced Voice-Recognition Communications and Entertainment System with 911 Assist® and AppLink®, Apple CarPlay™, and Android Auto™

WEIGHT RATINGS

FRONT AXLE WEIGHT RATING 7000 lbs

REAR AXLE WEIGHT RATING 12880 lbs

GROSS VEHICLE WEIGHT RATING 16500 lbs

Y ☒ N ☐

SHIP LOOSE Waste Container

Y ☒ N ☐

Add Waste container / bracket to Add extra bracket for front console trash can

Fuel Ring Pre-wire

Y ☒ N ☐

Run a wire (18 AWG 2/C Str CMP Plenum Rated Shielded Sound & Security Cable) from fuel fill to RADIO COMPARTMENT for fuel ring; we will put ends on and connect

Y ☒ N ☐

Y ☒ N ☐

EMERGENCY STARTING SYSTEM

Emergency Start System with a high quality molded plug including 2-gauge wire mounted on the front bumper. Vendor must leave service loop at plug receptacle and include one set of 25ft 2/0 cable including one female plug on one end and 800 amp alligator clips on the other end with dust cover . Label: EMERGENCY JUMP START

# NCPD EAB AMBULANCE Bid Specification

## Suspension

Liquid Spring™ Suspension Type I

Y ☒ N ☐

A CLASS®, or Compressible Liquid Adaptive Suspension System, shall be provided and installed. Utilizing a strut, with a compressible fluid as the spring/damping medium, and its sophisticated on-board microprocessor, CLASS® adapts the entire vehicle's response to road variations and the driver. Unlike current steel and air sprung suspension systems, CLASS® can automatically and instantaneously change the spring stiffness and damping at each wheel over a very broad range with minimal power consumption while the vehicle is being driven and without driver intervention. The system shall include an automatic lowering feature, which is activated by opening the rear patient compartment doors. There shall be a switch near the rear doors which will defeat the lowering feature.

Liquid Spring activates with C2

Y ☒ N ☐

Liquid Spring drops and raises with side entry door opening / closing.

## Module

Ambulance Module

Y ☒ N ☐

Body Dimensions

The overall dimensions of the completed ambulance module shall be 153" long by 95" wide. The interior headroom shall be 72" from the floor to the ceiling.

Overall Construction

The entire modular body shall be engineered to provide the highest possible structural integrity while maintaining the lowest possible overall weight. This method of engineered construction shall provide an efficient ambulance design with greater usable payload, improved ride characteristics and greater maintenance intervals on brakes and suspension components.

# NCPD EAB AMBULANCE Bid Specification

The completed ambulance shall have no water leakage into the cab, compartments, patient compartment, or through any door seal, light seal, or pass through seal.

All welding performed on the fabricated ambulance shall be completed by a welder certified in their particular welding discipline. Manufacturers providing only certification of department supervisors or final inspectors shall not be acceptable and shall be cause for rejection. Certified welders are desired by the purchaser as this proves the welder has met the requirements to perform the task at a high level of quality and consistency. The manufacturer shall provide proof of the welder's certification upon the purchaser's request.

Holes and cutouts, for lights and other components attached to the side of the ambulance, shall be painted or protected against corrosion. When installation hardware is of dissimilar metals, an anti-corrosive electrolysis inhibitor in addition to a plastic insert shall be installed to ensure no contact is made between the module body and hardware fastener.

## Roof Construction

The ambulance roof shall be of aluminum construction utilizing a customized formed roof extrusion, a roof structure and a single piece roof. The roof extrusion shall be constructed to integrate and accept the side wall tubes, side wall skin, roof skin and roof structure. A drip rail shall also be integrated into this extrusion.

The roof tube structure shall be 1.5" x 2", variable thickness tubes made of 6061-T6 aluminum. The extruded tube structure shall incorporate a .125 thickness on the longitudinal side and a .070 thickness on the lateral side with four (4) 1/4" radiuses to allow better welding. 5052-H32 1/8" formed C-channel shall be welded to the roof structure in each area where additional equipment will be installed. The safety net reinforcement structure utilizes the c-channel and an additional 1/4" 6061-T6 mounting plate welded inside the C-channel to provide the necessary strength to withstand the forces needed to keep the safety net secured.

The single sheet .090 5052-H32 roof shall be installed on the lip of the roof extrusion to allow the roof sheet to sit flush with the roof extrusion. The roof skin

# NCPD EAB AMBULANCE Bid Specification

shall be attached to the roof structure using a chemical bonding agent. The roof skin and tubing surfaces shall be properly prepped and cleaned to accept this adhesive. The edges of the roof skin shall be fully welded and grinded to the roof extrusion to provide a single smooth paintable surface.

The module corner extrusions and the roof extrusions shall be constructed in a manner to properly fit without needing corner caps. Unwelded corner pieces allow for more torsion in the modular body and could compromise the structural integrity of the roof and corner construction.

The purchaser will not accept prototype build/models or untested construction methods used only to satisfy the detailed description of this specification.

## Side Body Construction

The side of the ambulance body structure shall be constructed of 1.5" x 2", variable thickness tubes made of 6061-T6 aluminum. The extruded tube structure shall incorporate a .125 thickness on the longitudinal side and a .070 thickness on the lateral side with four (4) 1/4" radiuses to allow better welding. Side tubes shall be placed at a maximum of 16" on center. Corner extrusions are welded to the side structure.

A one (1) piece CNC machined cut side wall made of .090" 5052-H32 aluminum shall be chemically bonded to the side structure. The side wall and tubing surfaces shall be properly prepped and cleaned to accept this adhesive. This attachment method is preferred as it creates a side wall surface with no warpage as no heat transfer takes place as it would when the side wall is welded. The side wall shall be inserted into the roof extrusion lip and welded to this extrusion on the back side.

In areas where seating is going to be installed, the side wall shall have a 1/2" 6061-T6 mounting plate rail installed. It shall serve as a proper seat belt mounting point as well as an additional reinforcement in the event of a side impact

Alternative side wall construction methods not complying with the above detailed specifications can be presented and shall be detailed in the exceptions

# NCPD EAB AMBULANCE Bid Specification

section of this bid proposal. Photographs and a detailed documentation of the process shall be included in the bid specification.

The purchaser will not accept prototype build/models or untested construction methods used only to satisfy the detailed description of this specification.

## Floor Construction

The floor structure shall be constructed of 2" x 2" tubes made of 6061-T6 aluminum. Different thicknesses, .125" and .250", shall be used to maximize strength/weight ratio to ensure maximum payload capacity while passing all required load testing. A thicker floor structure shall not be tolerated as an exception because it increases the loading height.

In areas where seating or cot anchoring is going to be installed, the floor shall have 1/2" 6061-T6 mounting plates welded in the structure.

A CNC machined cut skin made of .063" 5052-H32 aluminum shall be chemically bonded to the floor structure. The skin and tubing surfaces shall be properly prepped and cleaned to accept this adhesive.

A minimum .063 heat shield shall be installed under the floor and body structure to serve as additional protection against external heat generated by the exhaust system.

## Wheel Wells

An aluminum wheel well shall be incorporated into the underbody structure. This wheel well shall be sealed to prevent water or debris from entering the module. The interior surface of the wheel well shall be insulated with foam to prevent noise caused from vibration and exterior road noise.

## Compartment Construction

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The sides of the storage compartment shall be constructed of a minimum .063 machine formed aluminum diamond plate. The sides, top and bottom of interior compartment shall be formed and welded to ensure a secure, square fit. All outside edges of the compartment shall be sealed with weatherproof sealer/inhibitor. The compartments shall be properly anchored and reinforced to the door jamb extrusions and the floor structure. The bottom of each compartment shall be constructed of smooth 6061-T6 .090" aluminum and shall have a punched drain hole to facilitate water drainage. FLOOR CONSTRUCTION TO BE REINFORCED TO PREVENT FAILURE

Ventilation shall be provided in the side and/or ceiling of the compartments to allow for adequate air movement when the door is closed. The upper portion of the compartment shall be machine louvered to ensure an even distribution of air escaping the compartment. This even distribution of air movement shall allow the door to close with minimal external force and shall allow it to seal properly against the door jamb extrusion. Air shall flow into the interior of the module via the space between the side wall and the cabinetry. The oxygen bottle compartment shall only be vented to the outside of the ambulance.

Exact exterior compartment sizes and dimensions shall conform to the drawings provided with this bid proposal and shall conform to the layout detailed at the beginning of this section.

Alternative construction methods shall be detailed in the exceptions section of this bid proposal. Photographs of this construction method shall be provided to allow for adequate comparison.

The purchaser will not accept prototype build/models or untested construction methods used only to satisfy the detailed description of this specification.

## Door Frame Construction

All exterior storage compartments shall be constructed of an extruded door frame structure which will be welded to the back of the door structure. The front of the extruded door shall not have any signs of welding as this causes distortion to the door and requires the use of body filler to create the illusion of a smooth surface. Holes for the door hinges shall be CNC machined into the jamb for exact



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fit when the door is installed. Extruded door jambs shall be sealed against the side wall skin. The extrusion shall be treated and adhered to the side skin to ensure debris and weather does not penetrate the extrusion area. This method is preferred as the extrusion attachments allow for an amount of necessary flex and torsion when the ambulance is in motion. This CNC machined method allows for the easy ordering and replacement of the door should it become damaged during the life of the ambulance.

## Door Construction General Construction

Each door shall be constructed from an extrusion that mates to the door jamb structure. Cut outs for the latches and hinges shall be machine cut and not manually hand cut or drilled out to ensure a consistent fit. The door extrusions shall be welded securely at the mitered edges and each corner shall have a welded reinforcement. The extrusion shall be designed such that the weather seal is placed ahead of the door latch to assist in keeping debris from getting into the latch. When closed, the door shall form a complete weather tight seal. A second formed rubber weather seal shall be installed on the door frame ensuring a durable weather seal for each compartment.

Adequate reinforcement shall be installed to ensure door rigidity and provide mounting locations for assist handles and / or other equipment.

The exterior door panel skin shall be constructed of one (1) piece .090 formed aluminum. The aluminum shall be engineered to wrap around the form door extrusion to create a complete aesthetically pleasing appearance without exposed seams. Exterior door panels shall be adhered to the extruded door structure with a chemical bonding adhesive. The completed exterior door shall be engineered to fit properly and square into the doorjamb extrusion.

Door hinges shall be screwed through the pre tapped door and door jamb extrusions. They shall be rust resistant piano hinges. Each door shall be equipped with an appropriate variable speed gas strut hold open to ensure a solid closure. Spring type hold opens are not desired due to their tendency to wear and break over time.

## Compartment Door Panels

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Exterior compartment interior door panels shall be constructed of .090" powder coated aluminum. Holes for the door panel mounting shall be CNC cut to ensure a proper fit. The interior door panel shall reside in a small recess in the formed exterior door extrusion to give the door panel a flush fit. Access points shall be included on the door panel to allow for easy maintenance of the latching or door opening mechanisms. A low-density open cell foam tape shall be installed on the door structure as a dampening insulator from any vibration that may occur.

## Access Door Panels

Access door interior panels shall be divided in three (3) sections, top, middle and lower. The top section shall be made of fiberglass. The recessed window section shall be covered by this trim. The lower section shall be made of stainless steel. The center section shall be made of powder coated aluminum. It shall cover the top and lower section joints via swags. The center sections must be removable for door handle maintenance without the need to remove any other components such as assist handles.

## Body Mounting

The module body shall be installed using the OEM insulated rubber puck mounts securely bolted from the bottom to allow for ease of removal should the vehicle be remounted. The module body shall be mounted in 12 locations, six (6) on each side of the chassis frame rails. OEM supplied automotive style rubber puck mounts shall be bolted through ½" 6061 T6 aluminum structure plates to serve as reinforcement points of the bottom of the module as well as provide a solid single surface piece to absorb the natural torsion as the vehicle is in motion ("body roll").

Two additional steel "L" bracket, one (1) on each side, shall be added to the rear chassis frame. These "L" brackets shall also serve as a mounting point for the rear bumper.

The body shall be mounted in such a manner as to allow the lowest possible load height.

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## Module Configuration

### C1 Door, ALS Access and Battery Location

Y ☒ N ☐

This compartment shall be located on the curbside front of the module. It is designed to provide interior/exterior access to the ALS compartment. The lower section includes a battery drawer for conversion batteries. Lighting is to be provided by LED lights.

### C2, Curbside Entry Door, with Opening Window

Y ☒ N ☐

A side access door shall be located just behind the C1 compartment. This full height door shall allow for entering and exiting the module patient compartment. This door shall have a automotive style opening window as specified in the window section of this specification.

Non-skid steps shall be built into the side entry doorstep well. The side surfaces shall be aluminum diamond plate and shall cover the entire step well area. Entry area is to be lit by an LED light. There shall be two (2) drains punched in the floor towards the front of the compartment, one (1) on each step.

### C3 Door, Storage Exterior Compartment

Y ☒ N ☐

This storage compartment shall be located at the rear curbside of the vehicle. Lighting is to be provided by LED light and the floor protected by a dry carpet.

### Premium Backboard Dividers, Two (2), with Belts

Y ☒ N ☐

This compartment shall be located at the rear curbside of the vehicle. It shall contain two (2) sliding dividers made from high-strength aluminum alloy and steel for maximum durability with straps for backboard or spine board storage. Lighting is to be provided by a LED light and the floor protected by a dry carpet.

### A1 and A2, Rear Entry Doors, with Defrost

Y ☒ N ☐

Two (2) rear access doors shall allow for patient loading. Each door shall have fixed automotive style windows as specified in the windows section with integrated defrost.

The rear access doors shall incorporate an emergency release latch at the top and the bottom of the doors. This emergency device shall directly trigger the door latch to an open position in the event the door handle becomes inoperative.

### S1 Door, Main Oxygen Exterior Compartment

This compartment shall be located on the driver's side front of the module directly behind the cab. This compartment shall be used for the storage of the oxygen cylinder(s). Lighting is to be provided by a LED light and the floor protected by a dry carpet.

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S2 Door, Storage Exterior Compartment, Electrical  
The storage compartment shall have a full door.

-----  
Full-Depth Shelf, One (1), Adjustable

The compartment used for the storage shall have an adjustable shelf.

Y ☒ N ☐

-----  
Fire Extinguisher, ABC-Rated, 5 lbs, with Bracket

There shall be a fire extinguisher mounted in the compartment with an heavy duty bracket.

Y ☒ N ☐

-----  
Stair Chair Holder on Compartment Door

The lower section shall house a door mounted stair chair.

Y ☒ N ☐

-----  
Half-Depth Shelves, Two (2), Adjustable

The lower section shall house two (2) adjustable half depth shelves for general storage.

Y ☒ N ☐

-----  
S3 Compartment, Equipment Storage, Short

This storage compartment shall be located at the rear of the driver side behind the fuel filler. Lighting is to be provided by an LED light and the floor protected by a dry carpet.

Y ☒ N ☐

-----  
Stair Chair Storage

S3 stair chair holder pocket aluminum 3/16 with dry decking on bottom with added strap to secure stair chair has clearance height to gas strut for Stryker Stair Pro (38") (CMC15) Stair chair shelf –

Y ☒ N ☐

-----  
Turn Signal Arrows, Amber (2), LED

Two (2) amber turn-signal arrow lights, intermediate side mount. Whelen 700 series (7 x 3) LED lights shall be installed above the wheel well fenderette, one (1) on each side.

Y ☒ N ☐

-----  
Third Upper Brake Light, LED

Third upper brake light Whelen 600 series (6 x 4) LED light shall be install at rear of module.

Y ☒ N ☐

Y ☒ N ☐

-----  
Mid-Height Lights: Arrow, Brake, Reverse

The stop, tail, turn and reverse lights shall be integrated at the rear of the module at mid-height. They shall all be two (2) amber arrows, two (2) red brake lights, and two (2) reverse lights. Whelen 600 series LED lights (6 x 4).

Y ☒ N ☐

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-----  
Rear Step Plate, without Lighting

Y ☒ N ☐

No stop, tail, turn and reverse lights shall be integrated in the rear kick panel.

-----  
Marker Lights, Amber (7) and Red (7), LED

Y ☒ N ☐

Fourteen (14) TecNiq S21 LED clearance marker lights shall be installed on the ambulance. Seven (7) Amber clearance marker lights shall be installed on the front plane of the module, three (3) in the center and two (2) in the corners. Two (2) Amber ICC lights shall be installed on the side planes of the ambulance, one (1) on each side towards the front.

Seven (7) red clearance marker lights shall be installed on the rear plane of the module, three (3) in the center and two (2) in the corners. Two (2) red ICC lights shall be installed on the side planes of the ambulance, one (1) on each side towards the rear.

-----  
Marker Lights, Two (2) rear mid-height red LED

Y ☒ N ☐

Two (2) TecNiq S21 LED red clearance marker lights shall be installed on the side planes, on the corner extrusion, just above the corner stainless steel guards.

-----  
Grille Warning Lights

Y ☒ N ☐

4 Grille Warning lights to flash in Demers pattern alternating X (Top A-B, Bottom: B-A); The upper grille warning should be clear not red, bottom stay red (same flash patterns).

-----  
Rear 900 Flash X-pattern

rear plane 900 series upper corners and window height lights to flash X-pattern

-----  
**Street Side Rear 900 series split**

**Street side the 900 series warning light on The driver side rear shall be a split red TO REAR**

-----  
**Single Flash 300 Sync Wire**

**All warning lights (front grille, intersection lights and rear brake lights) have conf Program to "Single Flash 300" for maximum impact, use sync wire on each light.**

-----  
**Cab Console**

**Front console w / D030528 for MDT mount 'design the pole for this Jetto bracket not included) Console Layout: oem radio/traffic /w pole/radio/radio/scanner R to the rearmost section of console, radio just in front of cup holders Reduce height mount by 3"**

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## Rear Upper Center AMBER

Replace upper rear center 600 series brake light with amber light

-----

## Dash Light

There shall be (1) Whelen avenger red white dash light permanent mount to dash panel for n point lighting. Offset avenger light towards passenger side as to not block headlight sensor

-----

## Brake Over-ride

Window level 900 Warning lights to override to brake lights in & out of emergency mode

-----

## Brake lights Flash

The Lower Standard Brake Lights flash with the Amber Turn Signal. Disconnect the Brake from turn circuit.

-----

## Rear upper Street Side BLUE

Rear plane: The 900 series warning light on the driver side rear shall be a blue light .

-----

## Emergency and Working Lights

### Clear Lenses

All lenses shall be clear.

-----

Y ☒ N ☐

### Chrome bezels

All bezels shall be chrome.

-----

Y ☒ N ☐

### Emergency Lights, Red (3), White (1), Red (3), LED

Seven (7) Whelen 900 series LED lights with chrome bezels shall be installed on the front plane. The lighting shall include a mix of six (6) red and one (1) clear lights. These lights shall flash in an alternating pattern where all red lights flashes together first followed by the clear light.

-----

Y ☒ N ☐

### Lights in Front Grille, Red (2), Wig-Wag (2), 500

Four (4) Whelen 500 Series LED lights with chrome bezels shall be installed in the front grille. The upper level shall be clear lights and the lower level shall be red lights. The grille lights shall not interfere with air flow into the chassis. These lights shall flash in a pattern programmed by the multiplexing electrical system.

-----

Y ☒ N ☐

### Emergency Lights on Inside of Doors, One (1) each

One (1) Whelen 2" Round series red LED with rubber flange shall be installed high on each door. Each light shall flash when the door is opened.

-----

Y ☒ N ☐

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## Intersection Lights, Clear/Red (2), LED

Y ☒ N ☐

Two Whelen 700 Series LED clear/red lights with bezels shall be installed on the fenders of the chassis. These lights shall be located in a forward position to provide adequate visibility at an intersection. The clear portion shall be continuously lit when the turn signal is activated. These lights shall flash in a pattern programmed by the multiplexing electrical system.

---

## Emergency Lights, Red (2), LED, Inter. Side Mount

Y ☒ N ☐

Two (2) Whelen 700 series ( 7 X 3 ) LED red warning lights with chrome Bezels shall be installed on the side plane of the ambulance, one (1) on each side towards the center, above the fenderettes.

---

## Four (4) red LED lateral emergency lights (900)

Y ☒ N ☐

Four (4) Whelen 900 Series LED red warning lights with chrome bezels shall be installed on the side plane of the ambulance, two (2) on each side towards the corners. These lights shall flash in a pattern programmed by the multiplexing electrical system.

---

## Scene Lights, Four (4), Clear LED, (900)

Y ☒ N ☐

Four (4) Whelen 900 Series (7 X 9) LED scene lights with chrome bezels shall be installed on the side planes of the ambulance. The scene lights shall project at a downward angle to allow for adequate lighting of the area surrounding the sides of the ambulance. They shall be controlled independently for each side by a switch in the front console. The curbside scene lights shall also be activated when the side entry door is opened. This feature can be cancelled by pressing one (1) second on the door switch.

Three (3) position switch is not tolerated as the signal for the open door is cancelled when the switch is pulled in the third position, which could lead to a safety issue. Adding a second switch is also not tolerated as it adds unnecessary wiring and components.

---

## Emergency Lights, Red (2), LED, Rear Corners

Y ☒ N ☐

Two (2) Whelen 900 Series (7 X 9) LED red warning lights with chrome bezels shall be installed on the rear plane of the ambulance, one (1) in each corner. These lights shall flash in a pattern programmed by the multiplexing electrical system.

---

## Emergency Lights, Amber (2), LED

Y ☒ N ☐

Two (2) Whelen 600 Series (6 X 4) LED amber warning lights with chrome bezels shall be installed above the rear doors. These lights shall flash in a pattern programmed by the multiplexing electrical system.

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## Loading Lights, Two (2), LED

Y ☒ N ☐

Two (2) Whelen 600 Series (6 X 4) LED load lights with chrome bezels shall be installed on the rear plane of the ambulance, above the rear doors. The load lights shall project at a downward angle to allow for adequate lighting of the area surrounding the rear of the ambulance. They shall be controlled by a switch in the front console. The lights shall also be activated when the rear entry door is opened. This feature can be cancelled by pressing one (1) second on the door switch.

Three (3) position switch is not tolerated as the signal for the open door is cancelled when the switch is pulled in the third position, which could lead to a safety issue. Adding a second switch is also not tolerated as it adds unnecessary wiring and components.

---

## Emergency Lights, Red (2), LED, Addt'l, Window Hgt

Y ☒ N ☐

Two (2) Whelen 900 Series (7 X 9) LED red warning lights with chrome bezels shall be installed on the rear plane of the ambulance, two (2) on each side of the doors, visible through the window when the door is opened. These lights shall flash in a pattern programmed by the multiplexing electrical system.

---

## Speaker Lights

Y ☒ N ☐

Add (1) Whelen 500 Series RED LEDs on each vertical side of speaker housings on grille (same light head as grille lights)

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## Audible Warning System

### Back-Up Alarm

Y ☒ N ☐

An (OSHA approved) back up alarm shall be installed with a disable control for silent backing. The disable control shall be located on the MCC (master control console). The back up alarm system shall automatically reset to the "on" mode when the transmission is taken out of reverse.

### Whelen Howler Low Frequency Tone Siren

Y ☒ N ☐

A Whelen Howler shall be concealed behind the front bumper of the chassis. They shall be securely mounted under the chassis. there shall be a separate reactivation switch on control panel

### Whelen 295SLS Hands-Free Siren

Y ☒ N ☐

The ambulances primary audible warning equipment shall be in the form of one (1) automotive traffic horn and one (1) Whelen 295HFSA1 multiple tone siren. This siren shall be easy for the driver to access as it shall be mounted in the front console.



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Switch to Mute OEM Horn when Siren Speakers Active

There shall be a switch to mute the OEM horn when the siren speakers are activated.

Y ☒ N ☐

Whelen SA315 Series Speakers

Whelen low profile siren speakers shall be concealed behind the front bumper of the chassis. They shall be securely mounted in an engineered housing to fit without modifying the chassis. This housing shall be designed not to restrict airflow or to reduce the effective of the siren speaker. The bumper shall not be cut or drilled as this will accelerate corrosion.

Y ☒ N ☐

## Exterior Vehicle features

Quarter-Tank Fuel Fill

There shall be a quarter-tank fuel fill.

Y ☒ N ☐

OEM exterior mirrors

The OEM exterior mirrors shall be installed.

Y ☒ N ☐

Module Rub Rails, Aluminum

Bright dip anodized aluminum "C" channel rub rails shall be installed on the lower sides of the body below the outside compartment sill areas. The rub rails shall be offset 3/16" from the body to facilitate wash down of road debris.

Y ☒ N ☐

Module Corner Protectors, Stainless-Steel

There shall be stainless steel module corner protectors full length they must be brushed formed finish.

Y ☒ N ☐

Module Wheel Trims, Fiberglass

There shall be formed fiberglass wheel trimming on module they shall be low profile and be color matched white to match the body color .

Y ☒ N ☐

## ELECTROLYSIS PREVENTION

All external materials and fasteners shall be chosen to prevent electrolysis and corrosion due to dissimilar materials, exposure to the elements and moisture entrapment. The following requirements shall be considered as minimum

Y ☒ N ☐

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acceptable standards. All exterior fasteners shall be stainless steel. There shall be a rubber or plastic insulating material under all lighting, all exterior compartment and module door handles, rear door hold opens and between the cab and module. To prevent long term electrolytic paint corrosion all components to be mounted on the module exterior shall be cut out prior to painting. All exterior fasteners used to mount emergency lighting to the outside of the module shall be completely treated with ECK to provide a barrier and protective layer to prevent paint oxidation, corrosion or degradation due to any paint breaks on the module, anything that breaks or has the potential to break paint shall incorporate the use of ECK brand anti-corrosion and electrolysis prevention material. The manufacturer must use the patented ECK product; an equivalent module body. Additionally, all exterior components fastened or attached to the substitute will not be acceptable. This product is available to any and all manufacturers and has proven itself in the emergency and fire industries. Product must be applied per the application guidelines.

NO EXCEPTIONS

## Undercoating Protection

Y ☒ N ☐

The entire underbody (excluding drive shaft, wheels, gas tank and 12 inches either side of exhaust system) shall be sprayed with petroleum or paraffin with zinc-based undercoating for rust prevention, corrosion protection and added sound deadening. The material used shall be a low VOC product that meets MIL Spec MIL-C-62218A and will remain flexible but tack-free. Product specification must be submitted with bid

## Rear Wheel Mud Guards

Y ☒ N ☐

There shall be rear wheel mud guards.

## Chrome License Plate with Light

Y ☒ N ☐

A Cast Products license plate holder shall be installed on the rear of the module located on the street side below the tail lights. The holder shall be recessed into the module and shall have dual LED lights, which activate with the chassis headlamp switch.

## Cab Steps, Anti-Skid Material with Mud Guards

Y ☒ N ☐

Full length exterior running boards shall be installed on the chassis. They shall be constructed of a sure grip material no less than 7" wide with machine punched holes to facilitate water and debris runoff. Aluminum mud flaps shall be added to reinforce the running boards and prevent road debris intrusion. End plates are

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also installed to reinforce the rear section. There shall be 4 custom formed heavy duty brackets mounted to the inner rocker panel and angle supported to prevent flex.

Rear Step Bumper, Retractable Center Section

Y ☒ N ☐

A full width rear step bumper with integrated flip up rear stepping surface shall be installed on the rear of the vehicle. It shall be constructed of a sure grip material no less than 9" wide with machine punched holes to facilitate water and debris runoff. Corners are made of aluminum diamond plate. A 3" rubber bumper is bolted on each corner to protect the bumper. The structure is to be bolted to the chassis for easy replacement and adjustment. The bumper sub structure must be made of ¼" mild steel welded tube construction and be galvanized dipped (No Exceptions ) a 3D model drawing of this assembly must be supplied in the bid submission

Relocate Liquid Spring cab controller

Y ☒ N ☐

Relocate Liquid Spring cab controller to inside floor console with slack to access via removing cup holder

Lock ALS Stack drawer

Y ☒ N ☐

ADD cylinder lock (CH751) to Drawer on ALS Stack

rear step bumper switch

Y ☒ N ☐

Use nut and bolt to secure flip-up step switch. Reinforce bracket to prevent it from bending.

## Convenience

Valet Switch in Front Grille

Y ☒ N ☐

An exterior waterproof hidden door unlock switch shall be provided and installed in the front grill area.

Fast Idle

Y ☒ N ☐

A fast idle engine speed auxiliary control device (high idle switch or throttle) generated by the multiplex system shall be installed to allow an increase in the engine speed when the ambulance is parked. The high idle shall be automatically engaged when the ambulance parking brake is engaged with the transmission in

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park. The high idle shall deactivate when the vehicle's parking brake is removed or the brake is applied.

## Black Back-Up Camera

Y ☒ N ☐

A color camera system connected to the cab display screen shall be installed, providing rear view monitoring to the rear exterior of the module. The camera shall be connected to the video input provided in the cab's screen. The viewing angle meets FMVSS 111 field of view requirements. A built-in audio support shall be integrated so you can hear what is happening around the camera. This Infra-red camera provides driver with night vision. The camera image shall automatically be displayed on the monitor when the vehicle is placed in reverse. The monitor shall resume normal operation when the vehicle is taken out of reverse.

## Anti-Theft System

Y ☒ N ☐

Provides a method to remove the keys while the ambulance is running, and automatically shutting down the engine if any attempt is made to put the vehicle into gear without reinserting the key.

## Anti-Idling System

Y ☒ N ☐

There shall be a fully integrated anti idle system installed in the ambulance. The system shall be fully automated and shall not require interaction by the end user. The smart system shall monitor voltage and temperature within the patient module. This system shall automatically shut the engine off while allowing all user functions to be maintained while in "park" mode. The system will automatically restart the unit, if either the voltage shall drop or there is a set temperature change in the patient module. Prior to shut down, or start up the system will alert the operator that the system is entering smart mode. The system shall be capable of providing significant fuel reduction by preventing long idle times. This system shall also assist in decreasing service intervals, based on reducing engine hours life by reducing significant idle times. This unit must not be a aftermarket add on to the electrical system it must be integrated into the existing system The multiplex Eco smart system specified here shall be fully developed, tested, in service for at least 10 years and shall be installed on at least 10,000 units. Documentation of electrical systems installed and in-service must be provided with bid submission with a list of existing large fleets with over 100 vehicles in service with the proposed system (No Exceptions).

## Paint and Decals

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## Tri-Star Urethane Paint

Y ☒ N ☐

All exposed metal surfaces that are not plated or stainless steel shall be cleaned and prepared and shall be painted or coated. The paint or coating, including any primer, shall be applied in accordance with the manufacturer's recommendation. The paint used shall be from Tristar, a high built polyurethane surface over epoxy primer application using one (1) acid stabilizing treatment. This paint is preferred by the purchaser as it has a durable lifespan, is resilient to harsh climates and remains pliable even in its hardened state to prevent cracking and chipping from normal ambulance body torsion.

The paint process will consist of two (2) coats of primer and two (2) topcoats. The primer will be an epoxy/polyamide strontium chromate primer boasting excellent impact and chemical resistance designed specifically for the aerospace industry's high-performance requirements.

The base primer coat will need to pass the following tests, with testing documentation:

Impact Resistance :No flaking or cracking when subjected to 40 inch pounds direct impact or a 40 inch pounds reverse impact.

Hardness: Pencil Hardness 2H minimum.

Fuel Resistance: Withstands immersion of Jet A1 Fuel for 14 days at ambient temperatures without showing any defects. After a 24-hour recovery period, the primer regains its pretest hardness.

Lubricating Oil Resistance: Withstands immersion in lubricating oil at 25° C for 14 days without showing any softening, blistering, or loss of adhesion.

Hydraulic Fluid Resistance: Withstands immersion in Skydrol hydraulic fluid without showing any defects for 30 days.

Salt Spray Resistance: With a scribed film at an angle of 6°, it exhibits no blistering, lifting of the primer, or substrate corrosion after exposure to 5% salt spray following ASTM B117 on treated aluminum substrate 3000 hours.

Water Resistance: No blistering or loss of adhesion after 14 hours immersion in distilled water at ambient temperature. Will regain its pretest hardness after a recovery period of 24 hours.

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The manufacturer's paint facility shall be free of dust and contaminants that could have an adverse effect on the paint finish. The manufacturer's paint facility shall also be certified to apply the paint specified.

The aluminum structure shall be prepared by thoroughly washing the aluminum body with wax and grease remover, preferred product is PPG DX440.

The surfaces shall be sanded smooth. All sand and dust shall be removed with air when sanding is complete and rewashing with PPG DX-440.

A pre-treatment shall be used for better adhesion. This pre-treatment is a phosphoric acid base, non-flammable and specifically designed for aluminum substrate. The process of using a non-flammable phosphoric acid involves removing any surface contaminants, then chemically preparing a clean surface. This process increases the overall surface area, promote adhesion, enhanced corrosion and blister resistance.

A two (2) stage epoxy primer layering process shall be applied to the module and all painted components. This primer stage is critical to the adhesion of the paint and shall be necessary to the paint process. A 1.5 mil of Starproxy primer application shall be used. After adequate drying time, a second layer of the Starproxy primer shall be applied. When completed, the finished primer layer shall be two (2) layers thick and shall be sanded smooth to a surface grade of 9 or 10. If during the sanding process the primer is partially removed and the aluminum is no longer covered by the primer layer, a primer layer must be added in the exposed area. This application allows for superior adhesion to the module body.

The finish coat shall be applied and be allowed to dry for the paint manufacturers recommended amount of time. A second finish coat shall be applied. All imperfections shall be sanded; the finish shall be free of any runs, fisheyes and other paint blemishes.

Bidders may propose alternative paint process methods. A detailed description of the process and certifications by the paint manufacturer shall be provided in this bid proposal.

## **Drivers Compartment**

Floor-Mounted Console with control

Y ☒ N ☐

A powder-coated aluminum floor mounted console shall be installed on the floor of the cab between the driver's and passenger's seats. The console shall include an angled face to accommodate all controls and switches to operate all necessary

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emergency or mission critical functions. The lower portion of the console shall consist of a flat area that shall contain cup holders and blanks for additional equipment. The console face plates shall be removable for accessibility and serviceability. The Console System is to be SAE J3043 Ambulance Equipment Mount Device or Systems compliant.

## Armrests, Driver and Passenger, Individual

Individual driver- and passenger-side armrests with adjustable height shall be installed on sides of floor-mounted console.

## Cup Holders, Dual, in Floor-Mounted Console

A dual cup holders shall be integrated in floor-mounted console.

## Control Center with Switches and Touch Pad

The operator shall have easy access to ambulance features and controls on the floor mount console. The control center shall include switches and touch pad to control the necessary emergency or mission critical functions. The switches shall be wired to a multiplex node located in the front console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires and connections. The master switch shall be lockable in the "ON" position to ensure that the power shall not be inadvertently cut.

## Cab headliner with Reading Lights, Red/Clear (2)

A red/clear LED reading lamp shall be installed above the passenger and driver to assist in night time vision. This light shall be installed in the cab headliner and shall be switched from the light head.

## Cab Console map bin

Y ☒ N ☐

SINGLE MAP BOX AND BLANK COVER PLATE...MOVE CUP HOLDERS TO REAR-MOST POSITION Front console w / D030528 for MDT mount 'design the pole for this Jetto bracket 425-5563 (bracket not included) Console Layout: oem radio/traffic /w pole/radio/radio/scanner Relocate cup holders to the rearmost section of console, radio just in front of cup holders

Add Box for Laptop behind the center console in cab

## Curbside configuration

Full-Length Seat Cushion

Y ☒ N ☐

# NCPD EAB AMBULANCE Bid Specification

One (1) full length seamless thermoformed seat cushion shall be installed and have no exposed stitching. The color of these cushions and backrests shall match the interior vinyl cushions.

-----  
Ergonomic Seat Backrest with Lumbar Support

Y ☒ N ☐

High bucket seamless thermoformed backrest cushions shall be fixed on the wall for each seating position. The backrests shall be contoured and include lumbar support for comfort and fatigue resistance. The color of these cushions and backrests shall match the interior vinyl cushions.

-----  
Seating, Three (3) Passengers, 2Pts Safety Belts

Y ☒ N ☐

A squad bench capable of seating three (3) attendants shall be located on the curbside of the vehicle. To maintain structural integrity and maximize weight and storage, the squad bench shall be made of .090 aluminum pieces welded together. The belts will be located on a main frame with reinforcement plates strong enough to resist to required pull tests. The squad bench shall be attached to the side wall structure as well as to the roll up floor extrusion and to the floor.

Access to the storage area under the squad bench shall be via a positive closing latching system on the squad bench lid and face. When the latch is released, the bench shall automatically raise open via the compressed gas struts attached to the squad bench lid and to the bottom of the squad bench storage area. The bottom of the storage area shall be cover with a single piece of covering matching the one (1) in the patient compartment.

Three (3) sets of 2-point safety belts shall be located on the back of the squad bench permanently bolted through ½" plates. Holes shall be tapped to allow for seat belt removable after the squad bench is installed in the vehicle.

A kick out waste disposal shall be installed in the squad bench area. This type of system shall allow the attendant to quickly discard any waste via a tip out door with his or her foot to avoid unnecessary contamination from their hands  
A-bar w/sharps

Y ☒ N ☐

A-bar w/sharps #model Kendal 8512 RED at head-end of squad bench There shall be a heavy duty 1-1/4 inch diameter Anti-Microbial stainless steel "A" style Grab Bar/Arm Rest mounted at the head of the squad bench. This bar shall have the capacity to be pivoted or removed to allow for placing a long board patient on the squad bench. Redesign sharp support bracket for A-bar to prevent breaking

ADD UPHOLSTERY Squad Bench

Y ☒ N ☐



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Add full upholstery pad at foot of squad bench (C3 interior wall)

Squad Bench Lid Latch Linkage

Y ☒ N ☐

Add linkage to squad bench lid to open with one hand only

3-glove holder on side entry (C2) door

Y ☒ N ☐

3-glove holder surface mount on side entry (C2) door

Additional built in glove holder assembly shall be included location shall be determined at preconstruction meeting

## Streetside configuration

Flip-Up Door, Tinted Self Latching Sliding Windows

Y ☒ N ☐

Flip up style restocking cabinets shall be installed on all of the street side cabinets. Restocking cabinet shall be constructed of interlocking extrusions, smaller than cabinet structure extrusion but of matching style, color and material. A piano style hinge shall be securely fastened to the top of the cabinet structure. Two (2) gas struts, one (1) on each side, shall be installed on the side of the cabinet to lift the cabinet's face when the two elbow latches are released. The bottom lip of the cavity shall have a door stopper on which a pvc coating is applied to eliminate vibrations of the flip up. The window itself shall be outfitted with slots at the extremities in which a UHMW skate shall be inserted to retain the window in the extrusion structure. Cabinets with sliding windows shall have window track felt installed in the dedicated channels of the cabinet extrusion.

The cabinet windows shall be made of 3/16" polycarbonate tinted sliding windows and shall incorporate a full-length aluminum handle. The window itself shall be outfitted with slots at the extremities to which a UHMW skate shall be inserted to retain the window in the extrusion structure.

The compartment and closure device of the doors must meet KKK-A-1822F Change Notice 10 compliant to meet: SAE J3058 - Ambulance Interior Storage Compartment Integrity. The SAE J3058 explains dynamic and static testing procedures for evaluating the integrity of the cabinet and cabinet latch integrity standard, which will ensure cabinets retain rated equipment up to 40lbs.

Medical Cabinet, CPR Bench Seat

Y ☒ N ☐

All cabinet structure, cabinet doors, shelves and openings described here shall be manufactured in fiberglass or aluminum. Over time, wood products tend to warp, distort and shrink creating potential for premature structural wear. The

# NCPD EAB AMBULANCE Bid Specification

purchaser prefers fiberglass and aluminum construction for its resiliency to harsh environments and cleaners as well as its lightweight size and overall strength.

The overall cabinet structure shall consist of interlocking extrusions. Extruded frame work shall provide the structural integrity of the cabinets as well as creating the individual cabinet sections. These extrusions shall be custom fit and CNC cut to form the particular cabinet configuration. All cabinet extrusions shall incorporate a rounded edge to give an aesthetically pleasing appearance as well as providing a smooth, safe surface for the crew member. Mitered box framed cabinetry will not be accepted as a mitered corner produces sharp edges and potential gaps. Each interlocking extrusion joint shall be attached by two (2) hex machine bolts into the extrusion via a tap and die holes. These fasteners shall lock the cabinet frame structure into place and shall prevent the cabinet sections from twisting. Cabinet inserts shall be placed on the lip of the extrusion and shall be fixed with an adhesive as well as mechanically fastened into position. This structure alone shall resist to the pull test, the structural integrity of the cabinetry is not reliant on the interior storage cavity.

Unless specified for a particular purpose, all interior cabinets shall be constructed of preformed fiberglass inserts. Cabinets designed for a particular purpose may be constructed of formed aluminum depending on the application. All cabinets shall be equipped to accept removable adjustable shelves with dividers.

All cabinets shall be easy to clean, impervious to soap, water, body fluids, and disinfectants and shall be mildew resistant.

Cabinets with sliding windows shall have window track felt installed in the dedicated channels of the cabinet extrusion. The cabinet windows shall be made of 3/16" Lexan and shall incorporate a full-length aluminum handle. The window itself shall be outfitted with slots at the extremities to which a UHMW skates shall be inserts to retain the window in the extrusion structure.

The compartment and closure device of the doors must meet KKK-A-1822F Change Notice 10 compliant to meet: SAE J3058 - Ambulance Interior Storage Compartment Integrity. The SAE J3058 explains dynamic and static testing procedures for evaluating the integrity of the cabinet and cabinet latch integrity standard, which will ensure cabinets retain rated equipment up to 40 lbs.

The street side cabinetry layout shall consist of the following cabinetry:

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A CPR seat shall be located on the street side wall. This seat shall be positioned at the patient's torso position. The CPR seat shall be at least 32" wide with a two (2) point safety belt and include a thermoformed bottom seat cushion as well as a thermoformed high bucket style back rest. This backrest shall be contoured and include lumbar support for comfort and fatigue resistance.

A large storage cabinet shall be located above the action area and shall continue from the bulkhead cabinetry to the CPR seat. The interior dimensions shall be a minimum of (L) 41 x (H) 16 x (D) 11 in.

A large storage cabinet shall be in the upper section towards the rear. This cabinet shall extend from the CPR seat to rear door area. The interior dimensions shall be a minimum of (L) 41 x (H) 16 x (D) 11 in.

A smaller full depth cabinet shall be installed under the upper rear street side cabinet. The cabinet shall be adjacent to the second action area. The interior dimensions shall be a minimum of (L) 25 X (H) 20 x (D) 16 in.

There shall be one (1) pull out drawer on either side of the CPR seating area. These drawers shall pull out toward the isle way and incorporate a sliding Lexan cover. Drawers shall be constructed of formed smooth powder coated .063" aluminum. These drawers shall be uniform in size for ease of replacement should the need arise. The drawer should be track mounted and have a self-locking stop to prevent opening past a safe designated point. All drawer faces shall be constructed in an overlapping style to ensure a consistent tight fit over the drawer opening. Handles for the drawer shall be positive catch stainless steel pull latch.

The exact cabinetry layout shall match the drawings specified in this bid proposal.

CPR Seat , 2-Pt Safety Belt

Y ☒ N ☐

A CPR seat shall be located on the street side wall. This seat shall be positioned at the patient's torso position. The CPR seat shall be at least 32" wide with a two (2) point safety belt and include a thermoformed bottom seat cushion as well as a thermoformed high bucket style back rest. This backrest shall be contoured and include lumbar support for comfort and fatigue resistance.

S1 opening greater than 90deg

Y ☒ N ☐

Change the S1 door strap to allow it to open beyond 90 degrees.

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Recess sharps container into SS wall

Y ☒ N ☐

Recess sharps container into SS wall under action area (ECC) Replace plastic fasteners for sharp container below ECC by metal

Delete Counter Edge

Y ☒ N ☐

Delete padded edge on forward counter (Primary Action Area) and make like rear counter

Locking Southco drawer

Y ☒ N ☐

Use locking Southco latch to lock Drawer (SC) beneath ECC

Street Side Drawer rear CPR

Y ☒ N ☐

There shall be one (1) pull out drawer on rear side of CPR seating area with a heavy duty aluminum box inside with a hinged cover will accommodate a customer supplied cyber lock. Drawer (SC) to be configured so it cannot be removed without special tools; box inside drawer vs sliding cover. Use C2- Lever Latches w/ CH-751 on drawer face.

## Forward Bulkhead

Sliding Window Pass-Through

Y ☒ N ☐

The ambulance shall be equipped with a bulkhead wall partition. It shall be placed between the driver and patient's compartment, to the front of module. It shall be constructed of aluminum. A sliding window shall be installed to separate the cab and patient compartment. The window shall be centered between the driver and passenger seats. The window shall be at least 150 in<sup>2</sup>. Fixed or hinged windows in this area will not be accepted. Vinyl protectors will be added in the upper section to provide head protection.

Locking Radio Communication Compartment

Y ☒ N ☐

A lockable compartment for radio communication shall be installed in an upper portion of the front partition.

ALS Cabinet, with Drawer

Y ☒ N ☐

The ALS cabinet shall be made of an aluminum structure with smooth powder coated aluminum cavities and shelves.

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The upper section shall be accessed via two (2) extruded aluminum doors with Lexan inserts. The doors shall be operated by a cam sliding system in which sliding the knob will release the two (2) plunger bolts located at the top and bottom side of the door. The whole mechanism is to be protected by an aluminum cover on the inside of the door. Section dimensions shall be similar to 26 X 22 in. This section of the ALS cabinet shall have one (1) fixed shelf, LED strip lighting and shall be accessible via the curbside door.

The center section shall be a drawer compartment. It shall include a self-locking, 22 in. flat style steel handle that is spring loaded to lock onto the ALS structure. Compartment shall have dimensions similar to 18 X 4 X 21 in. The drawer shall be equipped with steel rails rated for 100 lbs.

The lower section shall be accessed via two (2) extruded aluminum doors with Lexan inserts. The doors shall be operated by a cam sliding system in which sliding the knob will release the two (2) plunger bolts located at the top and bottom side of the door. The whole mechanism is to be protected by an aluminum cover on the inside of the door. Section dimensions shall be similar to 26 X 22 in. This section of the ALS cabinet shall have one (1) fixed shelf, LED strip lighting and shall be accessible via the curbside door.

ALS cabinet layout and dimensions shall match the drawings included in this bid proposal.

Compartment above ALS Cabinet, Lockable

Y ☒ N ☐

A lockable compartment shall be installed above the front wall ALS cabinet.

See-Through Door, Two Handles

Y ☒ N ☐

There shall be four (4) extruded doors with see through windows and handles.

## **Attendant seat**

EVS Swivel Seat Base, Two (2) Positions

Y ☒ N ☐

The seat shall be equipped with a swivel 360 degrees seat base, locking in two (2) positions, forward and rearward positions. The seat and the base shall be KKK-1822-F change notice 8 compliant.

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## EVS 1880 3Pts Vac-Formed Seamless Child Seat

Y ☒ N ☐

A rear facing EVS HiBAC attendant seat shall be installed at the head of the patient cot. The seat shall be a vac-form seamless. An integrated fold down 5-point child safety seat shall be incorporated into this seat.

The seat shall be KKK-A-1822F Change Notice 8 compliant with seat belt and conform to all applicable FMVSS and SAE J3026 requirements. Documentation from a certified independent testing facility shall be required stating the seat has passed SAE J3026 requirements and tested in accordance with SAE J2917, Occupant Restraint and Equipment Mounting Integrity – Frontal Impact System-Level Ambulance Patient Compartment and SAE J2956, Occupant Restraint and Equipment Mounting Integrity – Side Impact System-Level Ambulance Patient Compartment.

## Cot Configuration

### Floor Plate for Stryker Performance-LOAD

Y ☒ N ☐

The patient compartment floor shall include a floor plate and be ready to receive an eventual Stryker Performance Load to be installed afterwards.

### Center Floor-Mount Cot Configuration

Y ☒ N ☐

A Stryker crash tested, single-position cot fastener shall be installed on the module floor to accommodate a Stryker series cot. The floor structure shall have 1/2" 6061-T6 mounting plates installed to secure the cot floor mounting plate. Backer plates that are not integral to the floor structure shall not be permitted as these may have a tendency to vibrate loose over time.

## Rear Control Panel

### Rocker Switch Controls with LED Backlit Pictograms

Y ☒ N ☐

There shall be an auxiliary console on the curb side wall. It shall be a mix of a touch pad and switches and control emergency or mission critical functions such as:

- Rear heat and AC controls with digital interior temperature display
- Patient compartment lights, banks 1 2
- Suction pump (when equipped with dual suction pumps)
- Patient compartment exhaust
- Patient status indicator (intercodes, red, yellow, green)

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The detail above describes the minimum features the auxiliary console shall activate. All switches shall be wired to a multiplex node located in the auxiliary console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires.

Rocker Switch Controls with LED Backlit Pictograms

Y ☒ N ☐

The completed ambulance shall have a rear action area console. It shall include all controls and switches to operate all necessary emergency or mission critical functions such as:

- Rear heat and AC controls with digital interior temperature display
- Patient compartment lights, bank 1
- Patient compartment lights, bank 2
- Action area reading light
- Cabinet lights
- Suction pump
- Patient compartment exhaust
- Patient status indicator (intercodes, red, yellow, green)

Switches shall be easily cleaned and sanitized.

The detail above describes the minimum features the rear console shall activate. All switches shall be wired to a multiplex node located in the rear console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires.

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## Oxygen

Oxygen Outlets, Three (3)

Y ☒ N ☐

The completed ambulance shall have a piped medical oxygen system capable of storing and supplying a minimum of 3,000 liters of medical oxygen. The main oxygen supply shall be from a compressed gas cylinder that the purchaser will provide and install at the time the vehicle is placed in service. Low pressure, electrically conductive hose and fittings approved for medical oxygen only shall be used. All oxygen piping shall be concealed, loomed and not exposed. Where oxygen lines may travel through a hole, a grommet shall be used to prevent premature wear of the oxygen line. All oxygen tubing shall be secured yet shall be still accessible for maintenance. Oxygen shall be piped to self-sealing oxygen outlets. The system shall be tested prior to delivery and the results of the test shall be provided with the end user documentation.

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Three (3) Quick Connect surface mounted oxygen outlets shall be installed in the completed ambulance. Two (2) shall be installed on the medical center wall in the main action area and one (1) shall be located on the curbside wall towards the forward end of the squad bench. These outlets shall be tested prior to delivery of the ambulance.

Main Oxygen Ratchet Strap

Y ☒ N ☐

RATCHET STRAP AND BUCKLE ASSEMBLY for CYLINDRE O2 (Ziamatic SKU: 3030-135-138)

## Suction

Suction System location in ECC

Y ☒ N ☐

One (1) RICO RS4 electrically controlled suction system shall be installed in the patient compartment. The suction pump shall be located behind the street side cabinetry and be easily accessible for maintenance. It shall be securely mounted with rubber pads to eliminate any unnecessary noise. A vacuum indicator gauge ranging from 0 to 760 mm Hg shall be provided.

Thomas high flow vacuum pump

Y ☒ N ☐

There shall be an aspirator system that provide a free air flow of at least 50 LPM and achieve a minimum of 300 mmHg vacuum within four (4) seconds after the suction tube is closed.

Vacuum outlet QD in action area

Y ☒ N ☐

The outlet shall be QD Puritan with yellow 5/16" hose. There shall be installed on the action area wall with the control in the rear switch panel.

Vacuum regulator with disposable canister

Y ☒ N ☐

One (1) RICO RS4 electrically controlled suction system shall be installed in the patient compartment. The outlet shall be on the action area wall with the control in the rear switch panel. The suction pump shall be located behind the street side cabinetry and be easily accessible for maintenance. It shall be securely mounted with rubber pads to eliminate any unnecessary noise. A vacuum indicator gauge ranging from 0 to 760 mm Hg shall be provided.



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Suction Canister / Bracket

Y ☒ N ☐

replacement bracket and canister for suction unit : Replace with On board suction Wall mount bracket for Bemis 1200cc Hi-Flow Canister Product #484410

## Electrical System

Power Inverter, Xantrex Freedom, True Sine, 1000W

Y ☒ N ☐

A Xantrex Freedom CX power inverter rated for 1000 watts shall be installed in the patient compartment, behind the street side cabinetry, in a ventilated storage area. The inverter shall be powered via a control panel in the rear attendant console. When this inverter is activated, all 110VAC outlets shall be energized. An inverter integrated battery charger shall be provided for maintaining, in conjunction with the multiplex isolator and the shoreline, OEM and conversion batteries in a fully charged condition when the shoreline is plugged.

Super Auto Eject Power Inlet, 20 Amps, Yellow

Y ☒ N ☐

A Kussmaul Super 20 Auto Eject Model # 091-55-20-120, 3-pin 20 amp 120 volt pin and sleeve contact shore power assembly, cover, and plug shall be installed. The 12 volt unit shall eject the shore power cord away from vehicle path upon sensing engine start; after ejection, the weatherproof cover snaps into position over inlet. The unit shall have a waterproof sculpted cover with no sharp edges and back enclosure with watertight cable fittings, which protect mechanism from road contamination. The unit shall sequence energizing of the Auto Eject, eliminating terminal arcing when connecting and disconnecting power cord.

Electrical Outlet, 120V AC with Indicator

Y ☒ N ☐

120VAC outlets shall be energized from the shoreline and/or from the inverter if equipped. All 120VAC outlets shall be UL certified, Nema 5-15, clearly identified on the unit, rated to 60Hz and have a pilot light when powered. A 120VAC GFCI shall be installed beyond the shoreline and shall disable all 110VAC outlets when tripped. The GFCI shall be located in the rear attendant console for ease of consulting and/or resetting if needed.

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## AC Delco Conversion Batteries

Y ☒ N ☐

Two (2) ACDelco batteries shall be installed in addition to the OEM battery(ies). The OEM battery(ies) shall not be relocated from their original position(s) while the additional conversion batteries shall be located in a ventilated drawer under the ALS compartment.

A programmable multiplex battery isolator shall be installed to separate the chassis battery(ies) from the patient compartment batteries. It shall monitor battery voltage and allow for OEM battery boost by the conversion batteries and full OEM battery charging via the shoreline. The different voltage limits will be programmable. A system comprised of an isolator, boost solenoid and trickle charger shall not be acceptable as this requires more components, cables and connections.

## Electrical Outlet, 12V DC 20 amp with Indicator

Y ☒ N ☐

All 12VDC power point outlets specified here shall be properly tested and shall be protected with a Schottky-style diode to isolate the medical equipment batteries from other loads. The diode shall be located in the electrical panel and shall be wired to the conversion batteries. It shall be designed to handle voltage of at least 48VDC. All wiring to the 12VDC outlets shall be clearly labeled and shall be one (1) continuous run from the diode to the outlet.

## Multiplex Electronic Management System

Y ☒ N ☐

A 12VDC electrical system shall be added in junction with the OEM system. They shall be isolated from each other, yet they still exchange data. This is achieved by using a multiplex system in combination with a CAN BUS connectivity between the two (2) systems. It reduces the number of wires in the harness, thus reduces the number of welds and connections. Using programmable solid state devices allows for easy updating and customizing of the vehicle without needing to add relays or modify the wiring system, even at a later stage while the vehicle is in the field. Printed circuit board or, so called "hardwired" electrical systems shall not be acceptable.

The ambulance manufacturer shall have significant experience in installing multiplex and electrical systems. The purchaser is not interested in prototypical or logical systems that are untested or unproven by the ambulance manufacturer. The multiplex system specified here shall be fully developed, tested, in service for at least 15 years and shall be installed on at least 10,000 units. Documentation of electrical systems installed and in-service must be

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provided with bid submission with a list of existing large fleets with over 100 vehicles in service with the proposed system (no Exceptions).

## Electronic Controller Units (ECU)

Multiplexing electrical system shall consist of solid state electronic controller units mounted in the electrical control panel. Electronic controller units shall act as the central communications system for the entire electrical system. These electrical controller units shall command all electrical components installed by the ambulance manufacturer in the cab and in the patient compartment. Each electronic controller unit shall be self-diagnostic with easy-to-read LED. A CD of the programing and the electrical schematics as well as detailed printed schematics of all components and wiring shall be provided with the completed ambulance.

All Electronic controller units shall be sealed in a weatherproof exterior casing. The ECUs main control panel shall be coated in weather resistant from the factory. All electronic controller units shall be installed in electrical control panel compartment for centralized location.

Electronic controller units shall be programmed using already established automotive communication language. Electronic controller units shall be programmed to communicate and receive signals in the SAE J1939 protocol via the CAN BUS connection. This type of system is preferred to allow for future expansion and. No auxiliary printed circuit boards, circuit breakers or relays shall be needed in future expansion or to assist in the functionality of standard electrical components.

Y✓N-

## Serviceability

The ambulance multiplexing electrical system shall be designed to be maintained and serviced easily. In the unlikely event of an electrical problem, the ambulance's electrical system shall be able to be connected remotely to the Internet via WI fi or Bluetooth connectivity and shall be able to be diagnosed or reprogrammed by a service technician at the ambulance local dealer or manufacturer's main facility. This multiplex electrical system shall be proven to be virtually maintenance free. A failure (warranty) rate of less than 1% is required because this agency wishes to purchase an ambulance with the utmost reliability in service. Documentation of warranty claims relating to the electrical system shall be provided with bid submission (No Exceptions).

Y✓N-

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## Wiring

Y ✓ IV -

All wiring for the electrical systems shall be stranded copper or copper alloy conductors of a gauge rated to carry 125 percent of the maximum current for which the circuit is protected. Voltage drops in all wiring from the power source to the component shall not exceed 10 percent. All circuits shall be wired in conformance with SAE J1292, Automobile, Truck, Truck-Tractor, Trailer, and Motor Coach Wiring. None of the ambulances electrical wiring and components shall terminate or originate in the oxygen storage compartment except for the oxygen flow control solenoid, compartment light, and switch plunger or trigger device.

## Wiring Harness

Y ✓ NO -

The ambulance wiring harnesses shall be a continuous run to each electrical component. The ambulance wiring shall contain no splices in the main wiring harness. The terminals on connectors of each end shall be machined crimped. Hand crimped electrical connectors are not permitted by the purchaser as they have been proven to be prone to premature failure and/or irregularities.

All ambulance wiring harnesses shall be enclosed in a plastic loom. This loom shall run from the electronic controller units to each specified electrical component. Instances where conduit must travel through a tube structure, a rubber grommet shall be placed in the hole to prevent premature wear of the plastic loom and/or wiring. All wiring harnesses shall be secured to the roof and walls tube structures with insulated clamping fasteners.

The overall covering of jacketed cables shall be moisture resistant and have a minimum continuous temperature rating of 194°F (90°C), except for cable installations where the wiring may be exposed to higher temperatures. All wiring connections and terminations shall use a method that provides a positive standard connection. Wiring connections and terminations shall be installed in accordance with the device manufacturer's instructions. Wire nut, insulation displacement, and insulation piercing connections shall not be used.

All connections to the electrical components shall include a minimum 6 in. service loop of. All wiring connections shall utilize easy plug in style connectors.

## Wiring Identification

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All wiring shall be identified every 6" at a minimum. The wiring identification code shall be the position on the electronic controller unit for easy maintenance and diagnosis. Wiring identification shall be clearly visible and shall be printed on the insulated wire. No stickers will be allowed.

## Circuit Protection

Circuits shall be provided with properly rated low voltage overcurrent protective devices. Such devices shall be readily accessible and protected against heat in excess of the overcurrent device's design range, mechanical damage, and water spray. Circuit protection shall be accomplished by utilizing fuses, circuit breakers, fusible links, or solid state equivalent devices.

## Wiring Schematics

The complete set of wiring schematics shall clearly identify all wiring locations, routing, and component connection. A sample document shall be available to the purchaser on request to examine the quality of the electrical schematic. All instances of wiring not conforming to the standards established in this document shall be documented at the time of the proposal. Failure to comply with this requirement shall be cause for rejection of the proposal.

## Electric Panel

The electrical panel shall be protected by a removable panel or a compartment door. It shall include in addition to the ECUs all block fuses and other electronic devices.

For future upgradability, one (1) extra 15 amp 12VDC circuit breaker shall be provided. It shall be wired and shall be ready for a future programmable function with the multiplexing electrical system.

## Grounding

Dedicated grounding locations for all appliances, circuits, etc. shall be supplied. Appliance mounting screws/hardware shall not be used for grounding purposes, nor shall the body of the ambulance be used as a ground location. Star washers or unapproved, untested grounding methods shall not be used.

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OEM grounds shall not be used as grounding location for the conversion circuits.

## Switching Requirements

Switches, relays, terminals, and connectors shall have a direct current (dc) rating of 125 percent of maximum current for which the circuit is protected.

## Voltage Alarm

The multiplex system shall incorporate an audible voltage warning should the system voltage at the battery or at the master load disconnect switch drops below 11.8VDC for a duration of 120 seconds for 12VDC nominal systems.

## Load Management

The multiplexing electrical system shall be programmed to automatically shed electrical load should the electrical output rating of the installed alternator drop below a programmed voltage level. Electrical components shall shed in order of priority. External load management systems or load management systems not programmable shall not be considered as the purchaser requires this electrical system to be flexible and customizable.

Y ☒ N ☐

Pre-wire 12vdc for Cooler

Y ☒ N ☐

Pre-wire 12V for Engel cooler #MD14F behind rear-facing attendant seat

12 vdc wired constant hot

Y ☒ N ☐

all 12-volt outlet ports to be wired constant hot

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Additional 20-amp Shoreline

Y ☒ N ☐

ADDITIONAL (second) 20-A shoreline w/indicator light to supply OEM BLOCK HEATER and 110v heater

Secure Wires for lights

Y ☒ N ☐

Zip tie all exterior light connections

wire inverter on w/ignition

Y ☒ N ☐

inverter ON while ignition is ON

Radio Antennas (6)

Y ☒ N ☐

total of (6) coax pre-wire

Hand light

Y ☒ N ☐

1 Led stream light Vulcan 180 orange installed in L-2 compartment

Y ☒ N ☐

Tablet charger

There shall be a Lin charger with 6ft power cord and protective cord shield installed to charge the secondary PCR tablet location shall be determined at preconstruction meeting

Y ☒ N ☐

Monitor bracket

There shall be a Techimount HD series mount installed on the rearward counter top this unit must include the monitor bracket kit and installation bidder must be a stocking dealer of these mounts to minimize the down time shall one fail. UNIT TO BE THROUGH BOLTED WITH REINFORCENT UNDERNEATH

## Communication System

Pre-Wiring for 2-Way Radio, 6 Antenna Cables

Y ☒ N ☐

The ambulance shall include two cables going to the radio compartment from the front cabin. These cables shall be protected against the elements. Locations of antennas shall be determined at preconstruction meeting

Radio Communications Compartment

Y ☒ N ☐

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A ventilated radio compartment with a door should be easily accessible and shall contain universal board, Bussmann blade-type fuse panels, and harness.

Data Recorder Available Signals

Y ☒ N ☐

A universal connector shall be provided to get signals such as brake, park brake, turn signals, engine RPM, reverse, etc., for use by a driver or vehicle monitoring telematics system.

radio panel access

Y ☒ N ☐

Add nut-serts for radio-comm panel access

Custom radio communication installation and fuel ring

Y ☒ N ☐

Install (1) blank in cab console for Motorola XTL-1500 first slot behind siren; prepare opening for Motorola XTL-1500 in ECC (relocate temperature sensor to prevent false reading from radio heat). Run Cat-5 wire from electrical compartment to HVAC return area.

Installation of customer supplied fuel ring and GPS control unit must be installed by manufacturer

Move Howler switch

Y ☒ N ☐

Move Howler switches to the left most side of the switch panel (bottom row left).

Y ☒ N ☐

## HVAC

Dual In-Line condenser 60000 BTU, Front

Y ☒ N ☐

A dual-In Line Condenser 60,000 BTU, Hoseline TMC2014) shall be installed on the front of the module. The condenser shall be top center mounted with aluminum mounting brackets. Condenser and brackets are to be painted to match the module.

Independent Air Conditioning System (No exceptions )

Y ☒ N ☐

The air conditioning unit shall be tie-in to the OEM air conditioning system, cooling the air of the patient compartment through the ducted outlets. The module HVAC system shall employ a separate condenser for the enhancement of the A/C system and maximizing the cooling performance especially in hot



# NCPD EAB AMBULANCE Bid Specification

conditions helping the OEM condenser so that maximizing the performance of the patient environmental cooling systems. The location and capacity shall contribute to a well balance system for a higher efficiency.

The Hoseline evaporator unit shall have a capacity of 580 CFM and cooling capacity of 30,000 BTU. The evaporator shall be installed in the patient compartment above the oxygen compartment. An AC high capacity filter-drier shall be installed to the inlet of the evaporator to prevent debris and moisture in the system. It shall be accessible by removing the partition ceiling protector.

Five (5) adjustable vents with manual closures are installed above the street side cabinet in a padded diffuser and shall project at a downward angle toward the patient and crew. Cold air runs from the front evaporator to the vents through a one-piece angled duct to maximize and regulate air flow. It is made of a lightweight material and insulated with high performance insulation to reduce thermal transfers and condensation.

The patient compartment HVAC system shall be controlled by the driver or the patient compartment attendant via the multiplex touch pad or touch screen located in the front console or the rear switch panel.

The patient compartment temperature shall be monitored by a thermostat incorporated in the multiplexing electrical system. Additional to the three (3) preprogrammed speeds, an automatic mode shall be able to decide between heating, cooling and fan speed in function of the set temperature versus the patient compartment temperature.

In order to achieve maximum efficiency and optimization of this system, the fans' speed shall be optimized via Pulse Width Modulation (PWM) to allow the heating and cooling system to run at its most effective speed.

Adequate room for hose connections and hose lines shall be provided when installing HVAC components. The hoses shall be protected and insulated to optimize performance and longevity. They shall also be clamped every 18" with high strength clips and routed without sharp bends and kinks.

Air Conditioning Outlets, Round

Y ☒ N ☐

There shall be round outlets for ducted air conditioning.

# NCPD EAB AMBULANCE Bid Specification

## OEM Tie-In Heating Unit

Y ☒ N ☐

The heating unit shall be installed in the patient compartment in a location behind the street side cabinet, in the wheel well area. The heated air shall blow from below the side wall and just above the roll up floor in a cabinet full length vent. This ventilation system shall blow heat below the patient immediately and circulate upward, also creating a radiator effect as the heated air warms the side wall. The interior ducting shall be designed such that debris or liquids cannot enter vent.

Y ☒ N ☐

## HVAC/climate control Layout

The heating and cooling system must be separate and stand-alone from each other but controlled by one control panel. The AC must exist from the Top vents and heat must exit from no higher than 4" from the floor proposed unit must not be a new design The HVAC system specified here shall be fully developed, tested, in service for at least 15 years and shall be installed on at least 10,000 units. Documentation of the systems installed and in-service must be provided with bid submission with a list of existing large fleets with over 100 vehicles in service with the proposed system (No Exceptions).

Y ☒ N ☐

## Thermoelectric cooler

There shall be a Dometic tropi-cool TC14 unit installed behind the attendants seat with custom mount floor plate and wired to the 12 volt electrical system .

Y ☒ N ☐

## Exhaust Fans (2)

Two (2) exhaust fans shall be installed. These fans shall allow adequate air exchange within cab and patient compartment while parked or in motion. The exhaust fans shall be controlled by the multiplexing electrical system and shall operate on 3 speeds (Low, Medium and High). To move air in a more efficient manner while keeping noise level to a minimum, a dual exhaust vent system with two (2) exterior exhaust ports shall be installed. The exhaust vents shall exit from the street side of the vehicle

Y ☒ N ☐

## 120vac Electric Heater

Add 110V Electric Heater installed on SS wall, near rear entry doors;

Y ☒ N ☐

## Reinforce front module wall

# NCPD EAB AMBULANCE Bid Specification

Increase reinforcement for AC condenser on front wall of module to prevent fatigue near auxiliary AC condenser.

AC Drain hose

Y ☒ N ☐

Add inspection point to verify drain hose connection. Hose must be secured properly.

Routing of HVAC hoses

Y ☒ N ☐

Inspection point: ensure proper routing of AC lines under hood to prevent burning from engine heat

## Interior Lights

LED Dome Lights, Adjustable, Dig. Timer

Y ☒ N ☐

Whelen round Super LED dome lights, Whelen #80C0EHCR, shall be provided in the patient compartment. The dome lights shall be controlled by separate switches for the left bank and right bank of lights. The dome lights shall be activated by switches on both the attendant control panel and the master control console. The ceiling lights shall have four (4) different intensities. Each time the ceiling lights button is pushed, the intensity shall increase, until maximum intensity is reached. One curbside bank of LED lights of the patient compartment shall be illuminated when the patient compartment entry doors are opened.

## Grab Handles

Grab Bars Color, Yellow

Y ☒ N ☐

Color of selected grab bars shall be yellow they must be coated with the anti-microbial coating.

Rear Door-Mounted Grab Bars, 16" x 16"

Y ☒ N ☐

Two (2) handrails shall be installed at the rear access doors to allow ease of entry into the patient compartment. The hand rails shall be 90 degree "L" shaped 16" x 16". These handles shall be designed to give the persons exiting and entering the patient compartment multiple points of contact to maintain safe entry and exit of the vehicle. The access handrails shall be installed on the top and lower

# NCPD EAB AMBULANCE Bid Specification

interior door panels through mounting plates in the door extrusions. Hand rails attached through the door panel only are not accepted as they have a tendency to pull loose after an extended period of time. They should not need to be removed for handle and locking mechanism lubrication.

Curbside Door-Mounted Grab Bar, 12"

Y ☒ N ☐

One (1) 12" handrail shall be mounted on the inside of the side entry door (C2). This additional grab handle shall be positioned in a location that is easy for the attendant to grip when entering the vehicle.

Embarking Grab Bars, 12"

Y ☒ N ☐

Two additional 12" handrails shall be mounted in the patient compartment, one (1) right of rear access door and one (1) right of side access door. These additional grab handles shall be positioned in a location that is easy for the attendant to grip when entering the vehicle.

Ceiling Grab Rails, 90", Two (2)

Y ☒ N ☐

Two (2) 90" overhead steel grab rails shall be mounted in the patient compartment ceiling. The grab rails shall be securely fastened to the roof structure in the patient compartment ceiling at each mounting location. The grab rails shall be at least 1" in diameter.

## Finish and Trim

Lonseal, Lonplate II, Gun metal

Y ☒ N ☐

Lonseal Lon Plate II floorings shall be installed in the completed ambulance. The non-slip floor covering shall be rolled at least 3" up both sides of the patient compartment. This floor shall be rolled on the coved floor extrusion and shall be adhered at every point of the floor cove giving a tight secure fit that will not bubble or prematurely tear. The floor shall be a one (1) seamless piece and shall be able to be cleaned without having to purchase special or potentially harmful cleaning agents. This roll up floor shall cover the entire length and width of the compartment's working area. Areas in the floor where the sidewalls and floor meet shall be sealed to prevent any blood borne pathogens from entering.

Cobalt Blue Upholstery

Y ☒ N ☐

There shall be Colbalt blue vinyl upholstery for seat and padding covering.  
(Included)

# NCPD EAB AMBULANCE Bid Specification

Safety Yellow Upholstery

Y ☒ N ☐

There shall be Yellow vinyl upholstery for safety exit padding covering. (Included)

Wood Flooring

Y ☒ N ☐

The floor shall be constructed of  $\frac{3}{4}$ " marine grade 7-ply plywood and shall extend the length and width of the patient compartment. Where additional sections of plywood are needed, the sections shall utilize lap joint construction to maintain a continuous lay of the floor and eliminate the possibility of gaps or cracking. It shall be bonded to the aluminum panel and screwed only where there are beams or plates. Screws only through the aluminum skin will not be tolerated as the present a potential injury risk and add close to no value to the floor integrity. Holes in the floor for patient handling options shall be CNC pre-cut to ensure maximum precision.

Fiberglass Ceiling

Y ☒ N ☐

The interior of the ambulance shall be constructed in such a way that is free of sharp edges. All interior surfaces shall be easy to clean, impervious to soap, water, body fluids, disinfectants and shall be mildew resistant. Ceiling in patient compartment shall be CNC cut fiberglass matching the interior color.

Y ☒ N ☐

## Functionality

Radio Speakers, Recessed, Two (2)

Y ☒ N ☐

A pair of rear radio speakers shall be installed in an upper portion of the patient compartment in an area not interfering with patient care. The speakers shall be controlled by a rheostat volume control on the action area wall.

IV Hooks, Recessed in Ceiling, Flexible, Four (4)

Y ☒ N ☐

Four (4) recessed mounted IV hangers specifically designed for holding IV containers shall be installed, including hook and loop straps to adequately secure an IV bag/bottle. The IV holder shall recess into the ceiling creating minimal protrusion into the patient compartment when not in use.

Storage Compartment, Sliding Doors

Y ☒ N ☐

There shall be a cabinet over the seating area on the curbside wall. It shall be divided into two (2) sections and accessible via sliding polycarbonate windows. A vinyl pad shall wrap the cabinet for head protection.

# NCPD EAB AMBULANCE Bid Specification

Trash Container, Flip-Down, Hands-Free

Y ☒ N ☐

A kick out style trash container shall be installed in the squad bench area. This type of system shall allow the attendant to quickly discard any biologic waste via a tip out door with his or her foot to avoid unnecessary contamination from their hands.

Digital Clock, Driver and Step Indicator Lights

Y ☒ N ☐

A digital clock shall be installed in the patient compartment. It shall display seconds and integrates indicator lights for rear step position and driver intention and be flush mounted in the protector above the rear doors.

Accessories

Y ☒ N ☐

Oxygen Tank Bracket

2 ziamatic QR-D2H oxygen cylinder bracket shall be installed in the walk thru wall . These brackets shall be securely fastened to reinforcement mounting plates.

Hardware parts kit

ship lose ---2 door ext handles /2 door latches /2 interior compartment handles /misc. hardware pack /2 spring latches/ 2 door hold open pistons /2 door unlock switch / 2 sharps containers /2 waste container/6 shelving springs kits

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

MULTI AGENCY PURCHASING

# NCPD EAB AMBULANCE Bid Specification

All bidders submitting a response to this invitation to bid proposal agree that such response also constitutes a bid to all governmental agencies under the same conditions for the same contract price and for the same effective period as this bid should the bidder feel it is in their best interest

Each governmental agency desiring to accept these bids and make an award thereof shall do so independently of any other governmental agency .each agency shall be responsible for its own purchase and shall be liable only for materials and /or services ordered and received by it and no agency assumes any liability by virtue of this service bid.

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

## Final Inspection Trip

Factory final inspection shall be available at VENDOR'S EXPENSE

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

## SERVICE REQUIREMENTS

The contractor shall own and operate a service center capable of performing all warranty service and repairs including all paint and collision repairs. They must also be I-car platinum certified and must be a certified remount facility for the proposed manufacturer so that all remounts can be performed locally and no have to be sent back to the factory saving time and transportation cost. They must have certified welders on staff. The contractor must own and operate their own towing service and be capable of all repairs, paint, collision work, and lettering in the same facility. There shall be no subletting of warranty and regular maintenance work. The bidder must be a Whelen master distributor and have stock of all lighting used on the proposed ambulance .The bidder shall stock all common parts including body panels doors and structural components that are specific to this type of ambulance to lessen the down time .warrantee and repair the service center shall be located within thirty (30) miles of Nassau county DPW. All letters of factory certification and guarantees from the manufacturers must be submitted with your bid proposal

# NCPD EAB AMBULANCE Bid Specification

(NO EXCEPTIONS)

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

## TRAINING

There shall be 8 hours of Factory in service training going over proper vehicle training and repair of all equipment maintenance/ mechanical / electrical on complete unit.

(This must be a factory representative not a local dealer salesman or repair person from)

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

All bidders Proposal format must match the published bid specification formatting for the ease of review by the county failure to flow this format will be grounds for non-compliance and you bid will not be considered.

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒



# NCPD EAB AMBULANCE Bid Specification

## Delivery

Completed delivery shall be no more than 150 days from receipt of order

Does your bid comply with the specification as written? Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

# NCPD EAB AMBULANCE Bid Specification

Separate options pricing

2021 ford F350 4X4 NO liquid spring

\$ 14,970<sup>00</sup> Deduct

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

2021 ford f350 4X4 with liquid spring

\$ 4,470<sup>00</sup> deduct

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

2021 XLT Ford F550 4x4 with liquid spring

\$ 5,789<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

2021 ford XLT f550 crew cab 4x4 with liquid spring

\$ 9,952<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

Module size to a 170" with interior options to match

\$ 14,972<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

# NCPD EAB AMBULANCE Bid Specification

Does your proposal include an exception to this requirement? Y\_\_\_N✓

Pass thru option with removal of rear 60% seat section and protective floor covering

\$ 1,560<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

Rear seat storage unit made of 5/8 thick Gray UHMD poly to take place of the 60% seat section there shall be 2 poly removable bins to be includes with 4 hand holes layout and design shall be determined at pre-construction meeting

\$ 2,270<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

Complete lettering and graphics package to match the existing fleet all reflective material shall be 3M 7yr warrantee material (bidder must have availability to cut and apply lettering with in 24hrs to minimize vehicle down time )

\$ 4,395<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

MDT charging doc with articulating arm installed and wired (exact model of doc will be determined at preconstruction meeting

\$ 1,473<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

# NCPD EAB AMBULANCE Bid Specification

OEM diagnostic computer system software with 2yr subscription

\$ N/A

FORD premium care 5yr 150,000 miles extended warrantee ☒ Deductable

\$ 5,465<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

FORD premium care 7yr 150,000 miles extended warrantee ☒ Deductable

\$ 6,489<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

Labor rate for all repairs to be performed on ambulance conversion for non waranteable items

\$ 98<sup>00</sup> per HR

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

Parts discount percentage off of list price for all ambulance conversion parts

%- 10

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

Stryker Performance load with charger installed

\$ 7,841<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

# NCPD EAB AMBULANCE Bid Specification

Does your proposal include an exception to this requirement? Y\_\_\_N✓

Stryker power cot with 4 steer wheels and o2 holder

\$ 18,907<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

Stryker power load unit

\$ 24,100<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

110V, 1500 Watt Auxiliary Heating System shall be installed in the module with a thermostat and an additional 20V shoreline outlet will be installed on the exterior of the module.

\$ 690<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

Auxiliary Air Conditioning Condensor & Compressor A/C Condensor and Compressor with dual pusher fan will be installed on the roof of the module and will have a 60 000 BTU capacity.

\$ 6,980<sup>00</sup>

Does your bid comply with the specification as written? Y✓N\_\_\_

Does your proposal include an exception to this requirement? Y\_\_\_N✓

# NCPD EAB AMBULANCE Bid Specification

## Front Push Bumper

The original equipment front bumper shall be removed and replaced with a custom unit fabricated from 1/4" steel. The unit shall follow the front contour of the grille and wrap around the sides of the vehicle to the front wheel well area. The bumper is to be as heavily reinforced as possible due to its use in the harshest of circumstances the face of the bumper shall have two air ventilation holes and large access holes enabling a chain with clevis hook to be easily secured to the front tow hooks by a "gloved" hand. On the face of the bumper shall be a 1/2" black UHMW or Teflon material. This push pad shall be one piece and wrap around with the sides of the bumper. It shall be attached to the bumper with Mono-bolt type fasteners recessed so when pushing they cannot catch on to the vehicle or object being pushed. The bumper shall be mounted directly to the frame of the vehicle and include a channel steel support from outer edges back to the chassis behind the front tires. Complete bumper shall be spray bed liner with 4000 psi material color black Line x or speed liner material.

There shall be no exposed wires on bumper all wires must be ran inside 2x3 box tube and all bumper electrical connections shall be duesch plug style for ease of repair the howler speakers shall be tucked under mounted with heavy duty brackets

(Tow truck style bumper will not be acceptable)

Design and layout shall determine at pre construction meeting

\$2895<sup>00</sup>

BUMPER TO ACCEPT DUAL SIREN SPEAKERS

\$230<sup>00</sup>

Does your bid comply with the specification as written?

Y ☒ N ☐

Does your proposal include an exception to this requirement? Y ☐ N ☒

\*\*\*Similar or like items can be added with quote and an amendment.

# DEMERS AMBULANCE

## Bid Specification

### ***Chassis***

#### **Conversion Ford F350/F450 Chassis Cab**

All bodies, systems, equipment, and interfaces with the chassis shall be done in accordance with OEM best practices.

#### **Ford F450 XLT Super Duty Diesel Chassis super Cab 4X4 192"**

#### **F4H 2022 FORD F450 CHASSIS SUPER CAB, 192" WB 4X4 DRW (84" C.A.)**

#### **MECHANICAL**

- Axle - Mono-beam front axle w/coil spring suspension
- Battery - Batteries Dual 750 CCA
- Brakes - Four-wheel Disc Brakes; Anti-lock Brake System (ABS)
- Electronic Shift-On-the-Fly (ESOF) (4x4 only)
- Emission 50-State Emissions System
- Engine - 6.7L 4V OHV POWER STROKE V8 TURBO DIESEL B20 (\*99T\*)
- Engine block heater (\*41H\*)
- Operator Command Regeneration (\*98R\*)
- Rear-axle "Standard" width 4:10 Limited-slip w/DRW (\*X4N\*)
- Tires - 225/70R19.5G BSW Traction (THB)
- Transmission - TorqShift® Ten-Speed automatic w/Selectable Drive Modes (\*44G\*)

#### **FUNCTIONAL**

- Alternator: 397 amp (\*67B\*)
- Ambulance Prep Package (\*47L\*)
- Hood release
- Horn - dual electric
- Intelligent Oil-Life Monitor
- Shock absorbers - heavy-duty gas
- Sirius XM® Radio (Note: Includes a 6-month prepaid subscription. Service is not available in Alaska or Hawaii)
- Spare Tire, Wheel and Jack (Excludes carrier; includes Hydraulic Jack (\*512\*, \*61J\*))
- Springs, rear auxiliary
- Stabilizer bars - front-rear
- Trailer Brake Controller



- Transmission Power Take-Off Provision (62R)

#### EXTERIOR

- Bumper - front, chrome
- CAL SERV VEH EXP ("936")
- Color - Oxford White ("21")
- Fender vents - front
- Front License Plate Bracket
- Fuel Tank - 40 gallon aft axle
- Glass - privacy
- Grille - two (2) bar, bright chrome
- Preferred Equipment Package XLT Trim ("6534")
- Scuff plates - front, color-coordinated
- "Three Blink" Lane change signal
- Tow hooks - front (2)
- Trailer wiring - 7 wire harness w/ relays, blunt end, labeled
- Wheels - 19.5" Argent Painted Steel
- Manual Locking Hubs (4x4)
- Windshield wipers - intermittent

#### INTERIOR/COMFORT/CONVENIENCE

- 4.2" LCD Productivity Screen in IP Cluster w/ Compass display
- 12V Power point, auxiliary
- Adjustable Gas / Brake Pedal (62M)
- Air conditioning - single-zone, manual
- Air conditioning vents - black w/ chrome ring and knob
- Auxiliary audio input jack
- Cabin Air Particulate Filter
- Carpet Delete ("106")
- Front seats, LH/RH color-coordinated
- Hatch top tray
- Interior Running Lamps (RH) ("642")
- Door lamp - LH RH door activated, 1-P switch operated w/ delay
- Door locks w/ lockoff switches
- Door trim - seat adjust, grab handle, power window lock switches and reflector
- Front map pockets
- Gauges/Meters - Fuel, Transmission temperature, Engine coolant temperature, Oil pressure (gas engine), and Turbo (diesel engine) gauges, Speedometer, Odometer, and Tachometer
- Handles, grab - driver, front-passenger - Handles, roof ride - front-passenger (also over rear doors on Crew Cab)
- Headrests - driver and passenger 4 way adjustable
- Map lights - dual (front and rear w/ Crew Cab)
- Mirror - Rearview 11.5" day/night
- Outside Temperature display
- Power Equipment Group - 1ST row (front-seat) windows w/ one-touch up/down, power 2ND row (rear-seat) windows (Super Crew Cab); power door locks w/ lockoff switches, accessory delay
- Seat - front, high-back cloth 40/20/40 medium earth grey ("35") split bench - 20" center under-seat storage - w/ center adjuster, cupholder and storage (manual lumbar - driver's side) - Four-way adjustable driver, passenger headrests



- Steering – power
- Steering wheel – Black urethane with tilt and telescoping steering wheel/column; includes three (3) button message control
- Sun visors – color-coordinated cloth, driver w/pocket, both driver and passenger w/covered mirrors
- Floor liner kit
- Window rain guards smoked finish
- Hood skins black smoked smooth finish
- Upfitter switches – 6 located in Overhead Console
- Chassis to have FORD OEM combination entry on cab doors Comments: Ford option 17V (Adjustable pedals (power), autolock/unlock and keyless entry keypad.
- Power windows w/backlit switches

#### **SAFETY/SECURITY**

- AdvanceTrac® with RSC® (Roll Stability Control™)
- AutoLamp – Auto On/Off Headlamps with Rain lamp Wiper activated Headlamps
- Belt-Minder® (front safety belt reminder)
- Driver and passenger frontal and side airbag/curtain; passenger side deactivation switch
- Headlamps – Quad beam jewel effect halogen
- Lamps – Roof marker/clearance – LED
- Mirrors – manually telescoping (\*54K\*) /folding trailer tow with power/heated glass, heated convex spotter mirror, integrated clearance lamps/turn signals
- MyKey® owner controls feature
- Remote keyless entry and Perimeter anti-theft alarm
- 6 fob keys
- Safety Belts – color-coordinated w/height adjustment (front-outboard seating positions only)
- Safety Canopy® System
- SecuriLock® Passive Anti-Theft System (PATS)
- Stationary Elevated Idle Control (SEIC)
- SOS Post-Crash Alert System™
- Under hood service light

#### **DRIVER ASSIST**

- Automatic High Beam – standard
- Cruise Control (steering wheel mounted)
- SYNC® 3 – Enhanced Voice-Recognition Communications and Entertainment System with 911 Assist® and AppLink®, Apple CarPlay™, and Android Auto™

#### **WEIGHT RATINGS**

- FRONT AXLE WEIGHT RATING – 7000 lbs
- REAR AXLE WEIGHT RATING – 12880 lbs
- GROSS VEHICLE WEIGHT RATING 16500 lbs

#### **SHIP LOOSE Waste Container**

Add Waste container / bracket location shall be determined at pre-construction meeting  
Add extra bracket for front console trash can

### **Fuel Ring Pre-wire**

Run a wire (18 AWG 2/C Str CMP Plenum Rated Shielded Sound & Security Cable) from fuel fill to radio compartment for fuel ring; must be labeled every 6 inches and include ends on all connect

### **Front Push Bumper**

The original equipment front bumper shall be removed and replaced with a custom unit fabricated from 1/4" steel. The unit shall follow the front contour of the grille and wrap around the sides of the vehicle to the front wheel well area. The bumper is to be as heavily reinforced as possible due to its use in the harshest of circumstances the face of the bumper shall have two air ventilation holes and large access holes enabling a chain with clevis hook to be easily secured to the front tow hooks by a "gloved" hand. On the face of the bumper shall be a 1/2" black UHMW or Teflon material. This push pad shall be one piece and wrap around with the sides of the bumper. It shall be attached to the bumper with Mono-bolt type fasteners recessed so when pushing they cannot catch on to the vehicle or object being pushed. The bumper shall be mounted directly to the frame of the vehicle and include a channel steel support from outer edges back to the chassis behind the front tires. Complete bumper shall be spray bed liner with 4000 psi material color black Line x or speed liner material.

There shall be no exposed wires on bumper all wires must be ran inside 2x3 box tube and all bumper electrical connections shall be duesch plug style for ease of repair the howler speakers shall be tucked under mounted with heavy duty brackets bumper must accept dual siren speakers

(Tow truck style bumper will not be acceptable)

Design and layout shall determine at pre construction meeting

### **EMERGENCY STARTING SYSTEM**

Emergency Start System with a high quality molded plug including 2-gauge wire mounted on the front bumper. Vendor must leave service loop at plug receptacle and include one set of 25ft 2/0 cable including one female plug on one end and 800 amp alligator clips on the other end with dust cover. Label: EMERGENCY JUMP START

## **Suspension**

### **Liquid Spring™ Suspension Type I**

A CLASS®, or Compressible Liquid Adaptive Suspension System, shall be provided and installed. Utilizing a strut, with a compressible fluid as the spring/damping medium, and its sophisticated on-board microprocessor, CLASS® adapts the entire vehicle's response to road variations and the driver. Unlike current steel and air sprung suspension systems, CLASS® can automatically and instantaneously change the spring stiffness and damping at each wheel over a very broad range with minimal power consumption while the vehicle is being driven and without driver intervention. The system shall include an automatic lowering feature, which is activated by opening the rear patient compartment doors. There shall be a switch near the rear doors which will defeat the lowering feature.



**Liquid Spring activates with C2**

Liquid Spring drops and raises with side entry door opening / closing.

**Module**

**Ambulance Module**

**Body Dimensions**

The overall dimensions of the completed ambulance module shall be 153" long by 95" wide. The interior headroom shall be 72" from the floor to the ceiling.

**Overall Construction**

The entire modular body shall be engineered to provide the highest possible structural integrity while maintaining the lowest possible overall weight. This method of engineered construction shall provide an efficient ambulance design with greater usable payload, improved ride characteristics and greater maintenance intervals on brakes and suspension components.

The completed ambulance shall have no water leakage into the cab, compartments, patient compartment, or through any door seal, light seal, or pass through seal.

All welding performed on the fabricated ambulance shall be completed by a welder certified in their particular welding discipline. Manufacturers providing only certification of department supervisors or final inspectors shall not be acceptable and shall be cause for rejection. Certified welders are desired by the purchaser as this proves the welder has met the requirements to perform the task at a high level of quality and consistency. The manufacturer shall provide proof of the welder's certification upon the purchaser's request.

Holes and cutouts, for lights and other components attached to the side of the ambulance, shall be painted or protected against corrosion. When installation hardware is of dissimilar metals, an anti-corrosive electrolysis inhibitor in addition to a plastic insert shall be installed to ensure no contact is made between the module body and hardware fastener.

**Roof Construction**

The ambulance roof shall be of aluminum construction utilizing a customized formed roof extrusion; a roof structure and a single piece roof. The roof extrusion shall be constructed to integrate and accept the side wall tubes, side wall skin, roof skin and roof structure. A drip rail shall also be integrated into this extrusion.

The roof tube structure shall be 1.5" x 2", variable thickness tubes made of 6061-T6 aluminum. The extruded tube structure shall incorporate a .125 thickness on the longitudinal side and a .070 thickness on the lateral side with four (4) 1/4" radiuses to

allow better welding. 5052-H32 1/8" formed C-channel shall be welded to the roof structure in each area where additional equipment will be installed. The safety net reinforcement structure utilizes the c-channel and an additional 1/4" 6061-T6 mounting plate welded inside the C-channel to provide the necessary strength to withstand the forces needed to keep the safety net secured.

The single sheet .090 5052-H32 roof shall be installed on the lip of the roof extrusion to allow the roof sheet to sit flush with the roof extrusion. The roof skin shall be attached to the roof structure using a chemical bonding agent. The roof skin and tubing surfaces shall be properly prepped and cleaned to accept this adhesive. The edges of the roof skin shall be fully welded and grinded to the roof extrusion to provide a single smooth paintable surface.

The module corner extrusions and the roof extrusions shall be constructed in a manner to properly fit without needing corner caps. Unwelded corner pieces allow for more torsion in the modular body and could compromise the structural integrity of the roof and corner construction.

The purchaser will not accept prototype build/models or untested construction methods used only to satisfy the detailed description of this specification.

#### **Side Body Construction**

The side of the ambulance body structure shall be constructed of 1.5" x 2", variable thickness tubes made of 6061-T6 aluminum. The extruded tube structure shall incorporate a .125 thickness on the longitudinal side and a .070 thickness on the lateral side with four (4) 1/4" radiuses to allow better welding. Side tubes shall be placed at a maximum of 16" on center. Corner extrusions are welded to the side structure.

A one (1) piece CNC machined cut side wall made of .090" 5052-H32 aluminum shall be chemically bonded to the side structure. The side wall and tubing surfaces shall be properly prepped and cleaned to accept this adhesive. This attachment method is preferred as it creates a side wall surface with no warpage as no heat transfer takes place as it would when the side wall is welded. The side wall shall be inserted into the roof extrusion lip and welded to this extrusion on the back side.

In areas where seating is going to be installed, the side wall shall have a 1/2" 6061-T6 mounting plate rail installed. It shall serve as a proper seat belt mounting point as well as an additional reinforcement in the event of a side impact.

Alternative side wall construction methods not complying with the above detailed specifications can be presented and shall be detailed in the exceptions section of this bid proposal. Photographs and a detailed documentation of the process shall be included in the bid specification.

The purchaser will not accept prototype build/models or untested construction methods used only to satisfy the detailed description of this specification.



### **Floor Construction**

The floor structure shall be constructed of 2" x 2" tubes made of 6061-T6 aluminum. Different thicknesses, .125" and .250", shall be used to maximize strength/weight ratio to ensure maximum payload capacity while passing all required load testing. A thicker floor structure shall not be tolerated as an exception because it increases the loading height.

In areas where seating or cot anchoring is going to be installed, the floor shall have 1/2" 6061-T6 mounting plates welded in the structure.

A CNC machined cut skin made of .063" 5052-H32 aluminum shall be chemically bonded to the floor structure. The skin and tubing surfaces shall be properly prepped and cleaned to accept this adhesive.

A minimum .063 heat shield shall be installed under the floor and body structure to serve as additional protection against external heat generated by the exhaust system.

### **Wheel Wells**

An aluminum wheel well shall be incorporated into the underbody structure. This wheel well shall be sealed to prevent water or debris from entering the module. The interior surface of the wheel well shall be insulated with foam to prevent noise caused from vibration and exterior road noise.

### **Compartment Construction**

The sides of the storage compartment shall be constructed of a minimum .063 machine formed aluminum diamond plate. The sides, top and bottom of interior compartment shall be formed and welded to ensure a secure, square fit. All outside edges of the compartment shall be sealed with weatherproof sealer/ inhibitor. The compartments shall be properly anchored and reinforced to the door jamb extrusions and the floor structure. The bottom of each compartment shall be constructed of smooth 6061-T6 .125" aluminum and shall have a punched drain hole to facilitate water drainage there shall be a additional floor support to prevent failure .

Ventilation shall be provided in the side and/or ceiling of the compartments to allow for adequate air movement when the door is closed. The upper portion of the compartment shall be machine louvered to ensure an even distribution of air escaping the compartment. This even distribution of air movement shall allow the door to close with minimal external force and shall allow it to seal properly against the door jamb extrusion. Air shall flow into the interior of the module via the space between the side wall and the cabinetry. The oxygen bottle compartment shall only be vented to the outside of the ambulance.

Exact exterior compartment sizes and dimensions shall conform to the drawings provided with this bid proposal and shall conform to the layout detailed at the beginning of this section.

Alternative construction methods shall be detailed in the exceptions section of this bid proposal. Photographs of this construction method shall be provided to allow for adequate comparison.

The purchaser will not accept prototype build/models or untested construction methods used only to satisfy the detailed description of this specification.

#### **Door Frame Construction**

All exterior storage compartments shall be constructed of an extruded door frame structure which will be welded to the back of the door structure. The front of the extruded door shall not have any signs of welding as this causes distortion to the door and requires the use of body filler to create the illusion of a smooth surface. Holes for the door hinges shall be CNC machined into the jamb for exact fit when the door is installed. Extruded door jambs shall be sealed against the side wall skin. The extrusion shall be treated and adhered to the side skin to ensure debris and weather does not penetrate the extrusion area. This method is preferred as the extrusion attachments allow for an amount of necessary flex and torsion when the ambulance is in motion. This CNC machined method allows for the easy ordering and replacement of the door should it become damaged during the life of the ambulance.

#### **Door Construction General Construction**

Each door shall be constructed from an extrusion that mates to the door jamb structure. Cut outs for the latches and hinges shall be machine cut and not manually hand cut or drilled out to ensure a consistent fit. The door extrusions shall be welded securely at the mitered edges and each corner shall have a welded reinforcement. The extrusion shall be designed such that the weather seal is placed ahead of the door latch to assist in keeping debris from getting into the latch. When closed, the door shall form a complete weather tight seal. A second formed rubber weather seal shall be installed on the door frame ensuring a durable weather seal for each compartment.

Adequate reinforcement shall be installed to ensure door rigidity and provide mounting locations for assist handles and / or other equipment.

The exterior door panel skin shall be constructed of one (1) piece .090 formed aluminum. The aluminum shall be engineered to wrap around the form door extrusion to create a complete aesthetically pleasing appearance without exposed seams. Exterior door panels shall be adhered to the extruded door structure with a chemical bonding adhesive. The completed exterior door shall be engineered to fit properly and square into the doorjamb extrusion.

Door hinges shall be screwed through the pre tapped door and door jamb extrusions. They shall be rust resistant piano hinges. Each door shall be equipped with an appropriate variable speed gas strut hold open to ensure a solid closure. Spring type hold opens are not desired due to their tendency to wear and break over time.



### **Compartment Door Panels**

Exterior compartment interior door panels shall be constructed of .090" powder coated aluminum. Holes for the door panel mounting shall be CNC cut to ensure a proper fit. The interior door panel shall reside in a small recess in the formed exterior door extrusion to give the door panel a flush fit. Access points shall be included on the door panel to allow for easy maintenance of the latching or door opening mechanisms. A low-density open cell foam tape shall be installed on the door structure as a dampening insulator from any vibration that may occur.

### **Access Door Panels**

Access door interior panels shall be divided in three (3) sections, top, middle and lower. The top section shall be made of fiberglass. The recessed window section shall be covered by this trim. The lower section shall be made of stainless steel. The center section shall be made of powder coated aluminum. It shall cover the top and lower section joints via swags. The center sections must be removable for door handle maintenance without the need to remove any other components such as assist handles.

### **Body Mounting**

The module body shall be installed using the OEM insulated rubber puck mounts securely bolted from the bottom to allow for ease of removal should the vehicle be remounted. The module body shall be mounted in 12 locations, six (6) on each side of the chassis frame rails. OEM supplied automotive style rubber puck mounts shall be bolted through 1/2" 6061 T6 aluminum structure plates to serve as reinforcement points of the bottom of the module as well as provide a solid single surface piece to absorb the natural torsion as the vehicle is in motion ("body roll").

Two additional steel "L" bracket, one (1) on each side, shall be added to the rear chassis frame. These "L" brackets shall also serve as a mounting point for the rear bumper.

The body shall be mounted in such a manner as to allow the lowest possible load height.

## ***Module Configuration***

### **C1 Door, ALS Access and Battery Location**

This compartment shall be located on the curbside front of the module. It is designed to provide interior/exterior access to the ALS compartment. The lower section includes a battery drawer for conversion batteries. Lighting is to be provided by LED lights.

### **C2, Curbside Entry Door, with Opening Window**

A side access door shall be located just behind the C1 compartment. This full height door shall allow for entering and exiting the module patient compartment. This door shall have a automotive style opening window as specified in the window section of this specification.

Non-skid steps shall be built into the side entry doorstep well. The side surfaces shall be aluminum diamond plate and shall cover the entire step well area. Entry area is to be lit

by an LED light. There shall be two (2) drains punched in the floor towards the front of the compartment, one (1) on each step.

### **C3 Door, Storage Exterior Compartment**

This storage compartment shall be located at the rear curbside of the vehicle. Lighting is to be provided by LED light and the floor protected by a dry carpet.

### **Premium Backboard Dividers, Two (2), with Belts**

This compartment shall be located at the rear curbside of the vehicle. It shall contain two (2) sliding dividers made from high-strength aluminum alloy and steel for maximum durability with straps for backboard or spine board storage. Lighting is to be provided by a LED light and the floor protected by a dry carpet.

### **A1 and A2, Rear Entry Doors, with Defrost**

Two (2) rear access doors shall allow for patient loading. Each door shall have fixed automotive style windows as specified in the windows section with integrated defrost.

There shall be additional 15 percent 3/M solar /safety tint film on side and rear windows this film shall be installed by the manufacture

The rear access doors shall incorporate an emergency release latch at the top and the bottom of the doors. This emergency device shall directly trigger the door latch to an open position in the event the door handle becomes inoperative.

### **S1 Door, Main Oxygen Exterior Compartment**

This compartment shall be located on the driver's side front of the module directly behind the cab. This compartment shall be used for the storage of the oxygen cylinder(s). Lighting is to be provided by a LED light and the floor protected by a dry carpet.

### **S2 Door, Storage Exterior Compartment,**

The storage compartment shall have a full door.

### **Full-Depth Shelf, One (1), Adjustable**

The compartment used for the storage shall have an adjustable shelf.

### **Fire Extinguisher, ABC-Rated, 5 lbs, with Bracket**

There shall be a fire extinguisher mounted in the compartment with an heavy duty bracket.

### **Stair Chair Holder on Compartment Door**

The lower section shall house a door mounted stair chair

### **Half-Depth Shelves, Two (2), Adjustable**

The lower section shall house two (2) adjustable half depth shelves for general storage.

### **S3 Compartment, Equipment Storage, Short**

This storage compartment shall be located at the rear of the driver side behind the fuel filler. Lighting is to be provided by an LED light and the floor protected by a dry carpet.



#### **Stair Chair Storage**

S3 stair chair holder pocket aluminum 3/16 with dry decking on bottom with added strap to secure stair chair has clearance height to gas strut for Stryker Stair Pro (38")

#### **Turn Signal Arrows, Amber (2), LED**

Two (2) amber turn-signal arrow lights; intermediate side mount. Whelen 700 series (7 x 3) LED lights shall be installed above the wheel well fenderette, one (1) on each side.

#### **Third Upper Brake Light, LED**

Third upper brake light Whelen 600 series (6 x 4) LED light shall be install at rear of module.

#### **Mid-Height Lights: Arrow, Brake, Reverse**

The stop, tail, turn and reverse lights shall be integrated at the rear of the module at mid-height. They shall all be two (2) amber arrows, two (2) red brake lights, and two (2) reverse lights. Whelen 600 series LED lights (6 x 4).

#### **Rear Step Plate, without Lighting**

No stop, tail, turn and reverse lights shall be integrated in the rear kick panel.

#### **Marker Lights, Amber (7) and Red (7), LED**

Fourteen (14) TecNiq S21 LED clearance marker lights shall be installed on the ambulance. Seven (7) Amber clearance marker lights shall be installed on the front plane of the module, three (3) in the center and two (2) in the corners. Two (2) Amber ICC lights shall be installed on the side planes of the ambulance, one (1) on each side towards the front.

Seven (7) red clearance marker lights shall be installed on the rear plane of the module, three (3) in the center and two (2) in the corners. Two (2) red ICC lights shall be installed on the side planes of the ambulance, one (1) on each side towards the rear.

#### **Marker Lights, Two (2) rear mid-height red LED**

Two (2) TecNiq S21 LED red clearance marker lights shall be installed on the side planes, on the corner extrusion, just above the corner stainless steel guards.

#### **Grille Warning Lights**

4 Grille Warning lights to flash in Demers pattern alternating X (Top A-B, Bottom: B-A); The upper grille warning should be clear not red, bottom stay red (same flash patterns).

#### **Rear 900 flash X-pattern**

rear plane 900 series upper corners and window height lights to flash X-pattern

#### **Street Side Rear 900 series split**

Street side the 900 series warning light on The driver side rear shall be a split red/blue II

#### Single Flash 300 Sync Wire

All warning lights (front grille, intersection lights and rear brake lights) have continuous "Single Flash 300" for maximum impact, use sync wire on each light.

#### Cab Console

Aluminum powder coated black custom Front console w / D030528 for MDT mount design Jotto bracket 425-5563 (bracket not included) Console Layout: oem radio/traffic /w pole Relocate cup holders to the rearmost section of console, radio just in front of cup holders exaDT pole mount by 3" exact layout and design will be determined at pre-construction meeting

#### Rear Upper Center AMBER

Replace upper rear center 600 series brake light with amber light

#### Dash Light

There shall be (1) Whelen avenger red white dash light permanent mount to dash panel for Offset avenger light towards passenger side as to not block headlight sensor

#### Brake Over-ride

Window level 900 Warning lights to override to brake lights in & out of emergency mode

#### Brake lights Flash

The Lower Standard Brake Lights flash with the Amber Turn Signal. Disconnect the Brake

#### Rear upper Street Side BLUE

Rear plane: The 900 series warning light on the driver side rear shall be a blue light .

### ***Emergency and Working Lights***

#### Clear Lenses

All lenses shall be clear.

#### Chrome bezels

All bezels shall be chrome.

#### Emergency Lights, Red (3), White (1), Red (3), LED

Seven (7) Whelen 900 series LED lights with chrome bezels shall be installed on the front plane. The lighting shall include a mix of six (6) red and one (1) clear lights. These lights shall flash in an alternating pattern where all red lights flashes together first followed by the clear light.

#### Lights In Front Grille, Red (2), Wig-Wag (2), 500

Four (4) Whelen 500 Series LED lights with chrome bezels shall be installed in the front grille. The upper level shall be clear lights and the lower level shall be red lights. The



grille lights shall not interfere with air flow into the chassis. These lights shall flash in a pattern programmed by the multiplexing electrical system.

**Emergency Lights on Inside of Doors, One (1) each**

One (1) Whelen 2" Round series red LED with rubber flange shall be installed high on each door. Each light shall flash when the door is opened.

**Intersection Lights, Clear/Red (2), LED**

Two Whelen 700 Series LED clear/red lights with bezels shall be installed on the fenders of the chassis. These lights shall be located in a forward position to provide adequate visibility at an intersection. The clear portion shall be continuously lit when the turn signal is activated. These lights shall flash in a pattern programmed by the multiplexing electrical system.

**Emergency Lights, Red (2), LED, Inter. Side Mount**

Two (2) Whelen 700 series ( 7 X 3 ) LED red warning lights with chrome Bezels shall be installed on the side plane of the ambulance, one (1) on each side towards the center, above the fenderettes.

**Four (4) red LED lateral emergency lights (900)**

Four (4) Whelen 900 Series LED red warning lights with chrome bezels shall be installed on the side plane of the ambulance, two (2) on each side towards the corners. These lights shall flash in a pattern programmed by the multiplexing electrical system.

**Scene Lights, Four (4), Clear LED, (900)**

Four (4) Whelen 900 Series ( 7 X 9 ) LED scene lights with chrome bezels shall be installed on the side planes of the ambulance. The scene lights shall project at a downward angle to allow for adequate lighting of the area surrounding the sides of the ambulance. They shall be controlled independently for each side by a switch in the front console. The curbside scene lights shall also be activated when the side entry door is opened. This feature can be cancelled by pressing one (1) second on the door switch.

Three (3) position switch is not tolerated as the signal for the open door is cancelled when the switch is pulled in the third position, which could lead to a safety issue. Adding a second switch is also not tolerated as it adds unnecessary wiring and components.

**Emergency Lights, Red (2), LED, Rear Corners**

Two (2) Whelen 900 Series ( 7 X 9 ) LED red warning lights with chrome bezels shall be installed on the rear plane of the ambulance, one (1) in each corner. These lights shall flash in a pattern programmed by the multiplexing electrical system.

**Emergency Lights, Amber (2), LED**

Two (2) Whelen 600 Series ( 6 X 4 ) LED amber warning lights with chrome bezels shall be installed above the rear doors. These lights shall flash in a pattern programmed by the multiplexing electrical system.

**Loading Lights, Two (2), LED**

Two (2) Whelen 600 Series ( 6 X 4 ) LED load lights with chrome bezels shall be installed on the rear plane of the ambulance, above the rear doors. The load lights shall project at

a downward angle to allow for adequate lighting of the area surrounding the rear of the ambulance. They shall be controlled by a switch in the front console. The lights shall also be activated when the rear entry door is opened. This feature can be cancelled by pressing one (1) second on the door switch.

Three (3) position switch is not tolerated as the signal for the open door is cancelled when the switch is pulled in the third position, which could lead to a safety issue. Adding a second switch is also not tolerated as it adds unnecessary wiring and components.

#### **Emergency Lights, Red (2), LED, Add'l, Window Hgt**

Two (2) Whelen 900 Series (7 X 9) LED red warning lights with chrome bezels shall be installed on the rear plane of the ambulance, two (2) on each side of the doors, visible through the window when the door is opened. These lights shall flash in a pattern programmed by the multiplexing electrical system.

#### **Speaker Lights**

Add (1) Whelen 500 Series RED LEDs on each vertical side of speaker housings on grille (same light head as grille lights)

### ***Audible Warning System***

#### **Back-Up Alarm**

An (OSHA approved) back up alarm shall be installed with a disable control for silent backing. The disable control shall be located on the MCC (master control console). The back up alarm system shall automatically reset to the "on" mode when the transmission is taken out of reverse.

#### **Whelen Howler Low Frequency Tone Siren**

A Whelen Howler shall be concealed behind the front bumper of the chassis. They shall be securely mounted under the chassis. there shall be a separate reactivation switch on control panel

#### **Whelen 295SLS Hands-Free Siren**

The ambulances primary audible warning equipment shall be in the form of one (1) automotive traffic horn and one (1) Whelen 295HFSA1 multiple tone siren. This siren shall be easy for the driver to access as it shall be mounted in the front console.

#### **Switch to Mute OEM Horn when Siren Speakers Active**

There shall be a switch to mute the OEM horn when the siren speakers are activated.

#### **Whelen SA315-Series Speakers**

Whelen low profile siren speakers shall be concealed behind the front grill outer edges. They shall be securely mounted in an engineered in a stainless steel housing to fit. This housing shall be designed not to restrict airflow or to reduce the effective of the siren speaker.

### ***Exterior Vehicle features***



#### **Quarter-Tank Fuel Fill**

There shall be a quarter-tank fuel fill.

#### **OEM exterior mirrors**

The OEM exterior mirrors shall be installed.

#### **Module Rub Rails, Aluminum**

Bright dip anodized aluminum "C" channel rub rails shall be installed on the lower sides of the body below the outside compartment sill areas. The rub rails shall be offset 3/16" from the body to facilitate wash down of road debris.

#### **Module Corner Protectors, Stainless-Steel**

There shall be brushed finish formed stainless steel module corner protectors full length they must be brushed formed finish.

#### **Module Wheel Trims, Fiberglass**

There shall be formed fiberglass wheel trimming on module they shall be low profile and be color matched white to match the body color.

#### **ELECTROLYSIS PREVENTION**

All external materials and fasteners shall be chosen to prevent electrolysis and corrosion due to dissimilar materials, exposure to the elements and moisture entrapment. The following requirements shall be considered as minimum acceptable standards. All exterior fasteners shall be stainless steel. There shall be a rubber or plastic insulating material under all lighting, all exterior compartment and module door handles, rear door hold opens and between the cab and module. To prevent long term electrolytic paint corrosion all components to be mounted on the module exterior shall be cut out prior to painting. All exterior fasteners used to mount emergency lighting to the outside of the module shall be completely treated with ECK to provide a barrier and protective layer to prevent paint oxidation, corrosion or degradation due to any paint breaks on the module; anything that breaks or has the potential to break paint shall incorporate the use of ECK brand anti-corrosion and electrolysis prevention material. The manufacturer must use the patented ECK product; an equivalent module body. Additionally, all exterior components fastened or attached to the substitute will not be acceptable. This product is available to any and all manufacturers and has proven itself in the emergency and fire industries. Product must be applied per the application guidelines.  
(NO EXCEPTIONS)

#### **Undercoating Protection**

The entire underbody (excluding drive shaft, wheels, gas tank and 12 inches either side of exhaust system) shall be sprayed with petroleum or paraffin with zinc-based undercoating for rust prevention, corrosion protection and added sound deadening. The material used shall be a low VOC product that meets MIL Spec MIL-C-62218A and will remain flexible but tack-free. Product specification must be submitted with bid

#### **Rear Wheel Mud Guards**

There shall be rear wheel mud guards.

#### **Chrome License Plate with Light**

A Cast Products license plate holder shall be installed on the rear of the module located on the street side below the tail lights. The holder shall be recessed into the module and shall have dual LED lights, which activate with the chassis headlamp switch.

#### **Cab Steps, Anti-Skid Material with Mud Guards**

Full length exterior running boards shall be installed on the chassis. They shall be constructed of a sure grip material no less than 7" wide with machine punched holes to facilitate water and debris runoff. Aluminum mud flaps shall be added to reinforce the running boards and prevent road debris intrusion. End plates are also installed to reinforce the rear section. There shall be 4 custom formed heavy duty brackets mounted to the inner rocker panel and angle supported to prevent flex.

#### **Rear Step Bumper, Retractable Center Section**

A full width rear step bumper with integrated flip up rear stepping surface shall be installed on the rear of the vehicle. It shall be constructed of a sure grip material no less than 9" wide with machine punched holes to facilitate water and debris runoff. Corners are made of aluminum diamond plate. A 3" rubber bumper is bolted on each corner to protect the bumper. The structure is to be bolted to the chassis for easy replacement and adjustment. The bumper sub structure must be made of 1/4" mild steel welded tube construction and be galvanized dipped

(No Exceptions ) a 3D model drawing of this assembly must be supplied in the bid submission

#### **Relocate Liquid Spring cab controller**

Relocate Liquid Spring cab controller to inside floor console with slack to access via removing cup holder with a special compartment to access and remove controller.

#### **Lock ALS Stack drawer**

ADD cylinder lock (CH751) to Drawer on ALS Stack

#### **rear step bumper switch**

Use nut and bolt to secure flip-up step switch. Reinforce bracket to prevent it from bending switch shall be water proof style .

### ***Convenience***

#### **Valet Switch in Front Grille**

An exterior waterproof hidden door unlock switch shall be provided and installed in the front grill area.

#### **Fast Idle**

A fast idle engine speed auxiliary control device (high idle switch or throttle) generated by the multiplex system shall be installed to allow an increase in the engine speed when the ambulance is parked. The high idle shall be automatically engaged when the ambulance parking brake is engaged with the transmission in park. The high idle shall deactivate when the vehicle's parking brake is removed or the brake is applied.



### **Black Back-Up Camera**

A color camera system connected to the cab display screen shall be installed, providing rear view monitoring to the rear exterior of the module. The camera shall be connected to the video input provided in the cab's screen. The viewing angle meets FMVSS 111 field of view requirements. A built-in audio support shall be integrated so you can hear what is happening around the camera. This Infra-red camera provides driver with night vision. The camera image shall automatically be displayed on the monitor when the vehicle is placed in reverse. The monitor shall resume normal operation when the vehicle is taken out of reverse.

### **Anti-Theft System**

Provides a method to remove the keys while the ambulance is running, and automatically shutting down the engine if any attempt is made to put the vehicle into gear without reinserting the key.

### **ECOSMART Anti-Idling System**

There shall be a fully integrated anti idle system installed in the ambulance. The system shall be fully automated and shall not require interaction by the end user. The smart system shall monitor voltage and temperature within the patient module. This system shall automatically shut the engine off while allowing all user functions to be maintained while in "park" mode. The system will automatically restart the unit, if either the voltage shall drop or there is a set temperature change in the patient module. Prior to shut down, or start up the system will alert the operator that the system is entering smart mode. The system shall be capable of providing significant fuel reduction by preventing long idle times. This system shall also assist in decreasing service intervals, based on reducing engine hours life by reducing significant idle times. This unit must not be a aftermarket add on to the electrical system it must be integrated into the existing system. The multiplex Eco smart system specified here shall be fully developed, tested, in service for at least 10 years and shall be installed on at least 10,000 units. Documentation of electrical systems installed and in-service must be provided with bid submission with a list of existing large fleets with over 100 vehicles in service with the proposed system (No Exceptions).

## ***Paint and Decals***

### **Tri-Star Urethane Paint**

All exposed metal surfaces that are not plated or stainless steel shall be cleaned and prepared and shall be painted or coated. The paint or coating, including any primer, shall be applied in accordance with the manufacturer's recommendation. The paint used shall be from Tristar, a high built polyurethane surface over epoxy primer application using one (1) acid stabilizing treatment. This paint is preferred by the purchaser as it has a durable lifespan, is resilient to harsh climates and remains pliable even in its hardened state to prevent cracking and chipping from normal ambulance body torsion.

The paint process will consist of two (2) coats of primer and two (2) topcoats. The primer will be an epoxy/polyamide strontium-chromate primer boasting excellent impact and chemical resistance designed specifically for the aerospace industry's high-performance requirements.

The base primer coat will need to pass the following tests, with testing documentation:

**Impact Resistance:** No flaking or cracking when subjected to 40 inch pounds direct impact or a 40 inch pounds reverse impact.

**Hardness:** Pencil Hardness 2H minimum.

**Fuel Resistance:** Withstands immersion of Jet A1 Fuel for 14 days at ambient temperatures without showing any defects. After a 24-hour recovery period, the primer regains its pretest hardness.

**Lubricating Oil Resistance:** Withstands immersion in lubricating oil at 25° C for 14 days without showing any softening, blistering, or loss of adhesion.

**Hydraulic Fluid Resistance:** Withstands immersion in Skydrol hydraulic fluid without showing any defects for 30 days.

**Salt Spray Resistance:** With a scribed film at an angle of 6°, it exhibits no blistering, lifting of the primer, or substrate corrosion after exposure to 5% salt spray following ASTM B117 on treated aluminum substrate 3000 hours.

**Water Resistance:** No blistering or loss of adhesion after 14 hours immersion in distilled water at ambient temperature. Will regain its pretest hardness after a recovery period of 24 hours.

The manufacturer's paint facility shall be free of dust and contaminants that could have an adverse effect on the paint finish. The manufacturer's paint facility shall also be certified to apply the paint specified.

The aluminum structure shall be prepared by thoroughly washing the aluminum body with wax and grease remover, preferred product is PPG DX440.

The surfaces shall be sanded smooth. All sand and dust shall be removed with air when sanding is complete and rewashing with PPG DX-440.

A pre-treatment shall be used for better adhesion. This pre-treatment is a phosphoric acid base, non-flammable and specifically designed for aluminum substrate. The process of using a non-flammable phosphoric acid involves removing any surface contaminants, then chemically preparing a clean surface. This process increases the overall surface area, promote adhesion, enhanced corrosion and blister resistance.

A two (2) stage epoxy primer layering process shall be applied to the module and all painted components. This primer stage is critical to the adhesion of the paint and shall be necessary to the paint process. A 1.5 mil of Starprox primer application shall be used. After adequate drying time, a second layer of the Starprox primer shall be applied. When completed, the finished primer layer shall be two (2) layers thick and shall be sanded smooth to a surface grade of 9 or 10. If during the sanding process the primer is partially removed and the aluminum is no longer covered by the primer layer, a primer layer must be added in the exposed area. This application allows for superior adhesion to the module body.

The finish coat shall be applied and be allowed to dry for the paint manufacturers recommended amount of time. A second finish coat shall be applied. All imperfections shall be sanded; the finish shall be free of any runs, fisheyes and other paint blemishes.

Bidders may propose alternative paint process methods. A detailed description of the process and certifications by the paint manufacturer shall be provided in this bid proposal.

### ***Drivers Compartment***



#### **Floor-Mounted Console with control**

A powder-coated aluminum floor mounted console shall be installed on the floor of the cab between the driver's and passenger's seats. The console shall include an angled face to accommodate all controls and switches to operate all necessary emergency or mission critical functions. The lower portion of the console shall consist of a flat area that shall contain cup holders and blanks for additional equipment. The console face plates shall be removable for accessibility and serviceability. The Console System is to be SAE J3043 Ambulance Equipment Mount Device or Systems compliant.

#### **Armrests, Driver and Passenger, Individual**

Individual driver- and passenger-side armrests with adjustable height shall be installed on sides of floor-mounted console.

#### **Cup Holders, Dual, in Floor-Mounted Console**

A dual cup holders shall be integrated in floor-mounted console.

#### **Control Center with Switches and Touch Pad**

The operator shall have easy access to ambulance features and controls on the floor mount console. The control center shall include switches and touch pad to control the necessary emergency or mission critical functions. The switches shall be wired to a multiplex node located in the front console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires and connections. The master switch shall be lockable in the "ON" position to ensure that the power shall not be inadvertently cut.

#### **Cab headliner with Reading Lights, Red/Clear (2)**

A red/clear LED reading lamp shall be installed above the passenger and driver to assist in night time vision. This light shall be installed in the cab headliner and shall be switched from the light head.

#### **Cab Console map bin**

Front console w / D030528 for MDT mount design the pole for this Jotto bracket 425-5563 with arm for doc Console Layout: oem radio/traffic /w pole/radio/radio/scanner Relocate cup holders to the rearmost section of console, radio just in front of cup holders map pocket and PCR storage box to be included layout and exact design shall be determined at pre construction meeting .

Add Box for Laptop behind the center console in cab

### ***Curbside configuration***

#### **Full-Length Seat Cushion**

One (1) full length seamless thermoformed seat cushion shall be installed and have no exposed stitching. The color of these cushions and backrests shall match the interior vinyl cushions.

#### **Ergonomic Seat Backrest with Lumbar Support**

High bucket seamless thermoformed backrest cushions shall be fixed on the wall for each seating position. The backrests shall be contoured and include lumbar support for comfort and fatigue resistance. The color of these cushions and backrests shall match the interior vinyl cushions.

### **Seating, Three (3) Passengers, 2Pts Safety Belts**

A squad bench capable of seating three (3) attendants shall be located on the curbside of the vehicle. To maintain structural integrity and maximize weight and storage, the squad bench shall be made of .090 aluminum pieces welded together. The belts will be located on a main frame with reinforcement plates strong enough to resist to required pull tests. The squad bench shall be attached to the side wall structure as well as to the roll up floor extrusion and to the floor.

Access to the storage area under the squad bench shall be via a positive closing latching system on the squad bench lid and face. When the latch is released, the bench shall automatically raise open via the compressed gas struts attached to the squad bench lid and to the bottom of the squad bench storage area. The bottom of the storage area shall be cover with a single piece of covering matching the one (1) in the patient compartment.

Three (3) sets of 2-point safety belts shall be located on the back of the squad bench permanently bolted through 1/2" plates. Holes shall be tapped to allow for seat belt removable after the squad bench is installed in the vehicle.

A kick out waste disposal shall be installed in the squad bench area. This type of system shall allow the attendant to quickly discard any waste via a tip out door with his or her foot to avoid unnecessary contamination from their hands

### **A-bar w/sharps**

A-bar w/sharps #model Kendal 8512 RED at head-end of squad bench There shall be a heavy duty 1-1/4 inch diameter Anti-Microbial stainless steel "A" style Grab Bar/Arm Rest mounted at the head of the squad bench. This bar shall have the capacity to be pivoted or removed to allow for placing a long board patient on the squad bench. Redesign sharp support bracket for A-bar to prevent breaking

### **Squad Bench wall padding**

Add full upholstery pad at foot of squad bench (C3 interior wall)

### **Squad Bench Lid Latch Linkage**

A linkage to squad bench lid to open with one hand only

### **3-glove holder on side entry (C2) door**

Heavy duty Stainless 3-glove holder surface mount on side entry (C2) door  
Additional built in glove holder assembly shall be included location shall be determined at preconstruction meeting

### **Streetside configuration**

### **Flip-Up Door, Tinted Self Latching Sliding Windows**



Flip up style restocking cabinets shall be installed on all of the street side cabinets. Restocking cabinet shall be constructed of interlocking extrusions, smaller than cabinet structure extrusion but of matching style, color and material. A piano style hinge shall be securely fastened to the top of the cabinet structure. Two (2) gas struts, one (1) on each side, shall be installed on the side of the cabinet to lift the cabinet's face when the two elbow latches are released. The bottom lip of the cavity shall have a door stopper on which a pvc coating is applied to eliminate vibrations of the flip up. The window itself shall be outfitted with slots at the extremities in which a UHMW skate shall be inserted to retain the window in the extrusion structure. Cabinets with sliding windows shall have window track felt installed in the dedicated channels of the cabinet extrusion.

The cabinet windows shall be made of 3/16" polycarbonate tinted sliding windows and shall incorporate a full-length aluminum handle. The window itself shall be outfitted with slots at the extremities to which a UHMW skate shall be inserted to retain the window in the extrusion structure.

The compartment and closure device of the doors must meet KKK-A-1822F Change Notice 10 compliant to meet: SAE J3058 - Ambulance Interior Storage Compartment Integrity. The SAE J3058 explains dynamic and static testing procedures for evaluating the integrity of the cabinet and cabinet latch integrity standard, which will ensure cabinets retain rated equipment up to 40lbs.

#### **Medical Cabinet, CPR Bench Seat**

All cabinet structure, cabinet doors, shelves and openings described here shall be manufactured in fiberglass or aluminum. Over time, wood products tend to warp, distort and shrink creating potential for premature structural wear. The purchaser prefers fiberglass and aluminum construction for its resiliency to harsh environments and cleaners as well as its lightweight size and overall strength.

The overall cabinet structure shall consist of interlocking extrusions. Extruded frame work shall provide the structural integrity of the cabinets as well as creating the individual cabinet sections. These extrusions shall be custom fit and CNC cut to form the particular cabinet configuration. All cabinet extrusions shall incorporate a rounded edge to give an aesthetically pleasing appearance as well as providing a smooth, safe surface for the crew member. Mitered box framed cabinetry will not be accepted as a mitered corner produces sharp edges and potential gaps. Each interlocking extrusion joint shall be attached by two (2) hex machine bolts into the extrusion via a tap and die holes. These fasteners shall lock the cabinet frame structure into place and shall prevent the cabinet sections from twisting. Cabinet inserts shall be placed on the lip of the extrusion and shall be fixed with an adhesive as well as mechanically fastened into position. This structure alone shall resist to the pull test, the structural integrity of the cabinetry is not reliant on the interior storage cavity.

Unless specified for a particular purpose, all interior cabinets shall be constructed of preformed fiberglass inserts. Cabinets designed for a particular purpose may be constructed of formed aluminum depending on the application. All cabinets shall be equipped to accept removable adjustable shelves with dividers.

All cabinets shall be easy to clean, impervious to soap, water, body fluids, and disinfectants and shall be mildew resistant.

Cabinets with sliding windows shall have window track felt installed in the dedicated channels of the cabinet extrusion. The cabinet windows shall be made of 3/16" Lexan and shall incorporate a full-length aluminum handle. The window itself shall be outfitted with slots at the extremities to which a UHMW skates shall be inserts to retain the window in the extrusion structure.

The compartment and closure device of the doors must meet KKK-A-1822F Change Notice 10 compliant to meet: SAE J3058 - Ambulance Interior Storage Compartment Integrity. The SAE J3058 explains dynamic and static testing procedures for evaluating the integrity of the cabinet and cabinet latch integrity standard, which will ensure cabinets retain rated equipment up to 40 lbs.

The street side cabinetry layout shall consist of the following cabinetry:

A CPR seat shall be located on the street side wall. This seat shall be positioned at the patient's torso position. The CPR seat shall be at least 32" wide with a two (2) point safety belt and include a thermoformed bottom seat cushion as well as a thermoformed high bucket style back rest. This backrest shall be contoured and include lumbar support for comfort and fatigue resistance.

A large storage cabinet shall be located above the action area and shall continue from the bulkhead cabinetry to the CPR seat. The interior dimensions shall be a minimum of (L) 41 x (H) 16 x (D) 11 in.

A large storage cabinet shall be in the upper section towards the rear. This cabinet shall extend from the CPR seat to rear door area. The interior dimensions shall be a minimum of (L) 41 x (H) 16 x (D) 11 in.

A smaller full depth cabinet shall be installed under the upper rear street side cabinet. The cabinet shall be adjacent to the second action area. The interior dimensions shall be a minimum of (L) 25 X (H) 20 x (D) 16 in.

There shall be one (1) pull out drawer on either side of the CPR seating area. These drawers shall pull out toward the isle way and incorporate a sliding Lexan cover. Drawers shall be constructed of formed smooth powder coated .063" aluminum. These drawers shall be uniform in size for ease of replacement should the need arise. The drawer should be track mounted and have a self-locking stop to prevent opening past a safe designated point. All drawer faces shall be constructed in an overlapping style to ensure a consistent tight fit over the drawer opening. Handles for the drawer shall be positive catch stainless steel pull latch.

The exact cabinetry layout shall match the drawings specified in this bid proposal.

#### **CPR Seat , 2-Pt Safety Belt**

A CPR seat shall be located on the street side wall. This seat shall be positioned at the patient's torso position. The CPR seat shall be at least 32" wide with a two (2) point safety belt and include a thermoformed bottom seat cushion as well as a thermoformed high bucket style back rest. This backrest shall be contoured and include lumbar support for comfort and fatigue resistance.

#### **S1 opening greater than 90deg**

Change the S1 door strap to allow it to open beyond 90 degrees.

#### **Recess sharps container into SS wall**

Recess sharps container into SS wall under action area (ECC) Replace plastic fasteners for sharp container below ECC by metal



### **Counter Edge**

padded edge on forward counter

### **Locking Southco drawer**

Use locking Southco latch to lock Drawer (SC) beneath ECC

### **Street Side Drawer rear CPR**

There shall be one (1) pull out drawer on rear side of CPR seating area with a heavy duty aluminum box inside with a hinged cover will accommodate a customer supplied cyber lock. Drawer (SC) to be configured so it cannot be removed without special tools; box inside drawer vs sliding cover. Use C2- Lever Latches w/ CH-751 on drawer face.

### ***Forward Bulkhead***

### **Sliding Window Pass-Through**

The ambulance shall be equipped with a bulkhead wall partition. It shall be placed between the driver and patient's compartment, to the front of module. It shall be constructed of aluminum. A sliding window shall be installed to separate the cab and patient compartment. The window shall be centered between the driver and passenger seats. The window shall be at least 150 in<sup>2</sup>. Fixed or hinged windows in this area will not be accepted. Vinyl protectors will be added in the upper section to provide head protection.

### **Locking Radio Communication Compartment**

A lockable compartment for radio communication shall be installed in an upper portion of the front partition bul head wall (NO EXCEPTIONS).

### **ALS Cabinet, with Drawer**

The ALS cabinet shall be made of an aluminum structure with smooth powder coated aluminum cavities and shelves.

The upper section shall be accessed via two (2) extruded aluminum doors with Lexan inserts. The doors shall be operated by a cam sliding system in which sliding the knob will release the two (2) plunger bolts located at the top and bottom side of the door. The whole mechanism is to be protected by an aluminum cover on the inside of the door. Section dimensions shall be similar to 26 X 22 in. This section of the ALS cabinet shall have one (1) fixed shelf, LED strip lighting and shall be accessible via the curbside door.

The center section shall be a drawer compartment. It shall include a self-locking, 22 in. flat style steel handle that is spring loaded to lock onto the ALS structure. Compartment shall have dimensions similar to 18 X 4 X 21 in. The drawer shall be equipped with steel rails rated for 100 lbs.

The lower section shall be accessed via two (2) extruded aluminum doors with Lexan inserts. The doors shall be operated by a cam sliding system in which sliding the knob will release the two (2) plunger bolts located at the top and bottom side of the door. The whole mechanism is to be protected by an aluminum cover on the inside of the door. Section dimensions shall be similar to 26 X 22 in. This section of the ALS cabinet shall

have one (1) fixed shelf, LED strip lighting and shall be accessible via the curbside door.

ALS cabinet layout and dimensions shall match the drawings included in this bid proposal.

#### **Compartment above ALS Cabinet, Lockable**

A lockable compartment shall be installed above the front wall ALS cabinet.

#### **See-Through Door, Two Handles**

There shall be four (4) extruded doors with see through windows and handles.

### ***Attendant seat***

#### **EVS Swivel Seat Base, Two (2) Positions**

The seat shall be equipped with a swivel 360 degrees seat base, locking in two (2) positions, forward and rearward positions. The seat and the base shall be KKK-1822-F change notice 8 compliant.

#### **EVS 1880 3Pts Vac-Formed Seamless Child Seat**

A rear facing EVS HiBAC attendant seat shall be installed at the head of the patient cot. The seat shall be a vac-form seamless. An integrated fold down 5-point child safety seat shall be incorporated into this seat.

The seat shall be KKK-A-1822F Change Notice 8 compliant with seat belt and conform to all applicable FMVSS and SAE J3026 requirements. Documentation from a certified independent testing facility shall be required stating the seat has passed SAE J3026 requirements and tested in accordance with SAE J2917, Occupant Restraint and Equipment Mounting Integrity - Frontal Impact System-Level Ambulance Patient Compartment and SAE J2956, Occupant Restraint and Equipment Mounting Integrity - Side Impact System-Level Ambulance Patient Compartment.

### ***Cot Configuration***

#### **Floor Plate for Stryker Performance-LOAD**

The patient compartment floor shall include a floor plate and be ready to receive an eventual Stryker Performance Load to be installed afterwards.

#### **Center Floor-Mount Cot Configuration**

A Stryker crash tested, single-position cot fastener shall be installed on the module floor to accommodate a Stryker series cot. The floor structure shall have 1/2" 6061-T6 mounting plates installed to secure the cot floor mounting plate. Backer plates that are not integral to the floor structure shall not be permitted as these may have a tendency to vibrate loose over time.

### ***Rear Control Panel***



### **Rocker Switch Controls with LED Backlit Pictograms**

There shall be an auxiliary console on the curb side wall. It shall be a mix of a touch pad and switches and control emergency or mission critical functions such as:

Rear heat and AC controls with digital interior temperature display  
Patient compartment lights, banks 1 2  
Suction pump (when equipped with dual suction pumps)  
Patient compartment exhaust  
Patient status indicator (intercodes, red, yellow, green)

The detail above describes the minimum features the auxiliary console shall activate. All switches shall be wired to a multiplex node located in the auxiliary console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires.

### **Rocker Switch Controls with LED Backlit Pictograms**

The completed ambulance shall have a rear action area console. It shall include all controls and switches to operate all necessary emergency or mission critical functions such as:

Rear heat and AC controls with digital interior temperature display  
Patient compartment lights, bank 1  
Patient compartment lights, bank 2  
Action area reading light  
Cabinet lights  
Suction pump  
Patient compartment exhaust  
Patient status indicator (intercodes, red, yellow, green)

Switches shall be easily cleaned and sanitized.

The detail above describes the minimum features the rear console shall activate. All switches shall be wired to a multiplex node located in the rear console. Wiring directly to the electrical panel will not be tolerated as it adds unnecessary wires.

## ***Oxygen***

### **Oxygen Outlets, Three (3)**

The completed ambulance shall have a piped medical oxygen system capable of storing and supplying a minimum of 3,000 liters of medical oxygen. The main oxygen supply shall be from a compressed gas cylinder that the purchaser will provide and install at the time the vehicle is placed in service. Low pressure, electrically conductive hose and fittings approved for medical oxygen only shall be used. All oxygen piping shall be concealed, loomed and not exposed. Where oxygen lines may travel through a hole, a grommet shall be used to prevent premature wear of the oxygen line. All oxygen tubing shall be secured yet shall be still accessible for maintenance. Oxygen shall be piped to self-sealing oxygen outlets. The system shall be tested prior to delivery and the results of the test shall be provided with the end user documentation.

Three (3) Quick Connect surface mounted oxygen outlets shall be installed in the completed ambulance. Two (2) shall be installed on the medical center wall in the main action area and one (1) shall be located on the curbside wall towards the forward end of the squad bench. These outlets shall be tested prior to delivery of the ambulance.

### **Main Oxygen Ratchet Strap**

Ratchet strap and pull straps to be included to propel secure the main o2 bottle

## ***Suction***

### **Suction System location in ECC**

One (1) RICO RS4 electrically controlled suction system shall be installed in the patient compartment. The suction pump shall be located behind the street side cabinetry and be easily accessible for maintenance. It shall be securely mounted with rubber pads to eliminate any unnecessary noise. A vacuum indicator gauge ranging from 0 to 760 mm Hg shall be provided.

### **Thomas high flow vacuum pump**

There shall be an aspirator system that provide a free air flow of at least 50 LPM and achieve a minimum of 300 mmHg vacuum within four (4) seconds after the suction tube is closed.

### **Vacuum outlet QD in action area**

The outlet shall be QD Puritan with yellow 5/16" hose. There shall be installed on the action area wall with the control in the rear switch panel.

### **Vacuum regulator with disposable canister**

One (1) RICO RS4 electrically controlled suction system shall be installed in the patient compartment. The outlet shall be on the action area wall with the control in the rear switch panel. The suction pump shall be located behind the street side cabinetry and be easily accessible for maintenance. It shall be securely mounted with rubber pads to eliminate any unnecessary noise. A vacuum indicator gauge ranging from 0 to 760 mm Hg shall be provided.

### **Suction Canister / Bracket**

replacement bracket and canister for suction unit : Replace with On board suction Wall mount bracket for Bemis 1200cc Hi-Flow Canister Product #484410

## ***Electrical System***

### **Power Inverter, Xantrex Freedom, True Sine, 1000W**

A Xantrex Freedom CX power inverter rated for 1000 watts shall be installed in the patient compartment, behind the street side cabinetry, in a ventilated storage area. The inverter shall be powered via a control panel in the rear attendant console. When this inverter is activated, all 110VAC outlets shall be energized. An inverter integrated battery charger shall be provided for maintaining, in conjunction with the multiplex isolator and the shoreline, OEM and conversion batteries in a fully charged condition when the shoreline is plugged.

### **Super Auto Eject Power Inlet, 20 Amps, Yellow**

A Kussmaul Super 20 Auto Eject Model # 091-55-20-120, 3-pin 20 amp 120 volt pin and



sleeve contact shore power assembly, cover, and plug shall be installed. The 12 volt unit shall eject the shore power cord away from vehicle path upon sensing engine start; after ejection, the weatherproof cover snaps into position over inlet. The unit shall have a waterproof sculpted cover with no sharp edges and back enclosure with watertight cable fittings, which protect mechanism from road contamination. The unit shall sequence energizing of the Auto Eject, eliminating terminal arching when connecting and disconnecting power cord.

#### **Electrical Outlet, 120V AC with Indicator**

120VAC outlets shall be energized from the shoreline and/or from the inverter if equipped. All 120VAC outlets shall be UL certified, Nema 5-15, clearly identified on the unit, rated to 60Hz and have a pilot light when powered. A 120VAC GFCI shall be installed beyond the shoreline and shall disable all 110VAC outlets when tripped. The GFCI shall be located in the rear attendant console for ease of consulting and/or resetting if needed.

#### **AC Delco Conversion Batteries**

Two (2) ACDelco batteries shall be installed in addition to the OEM batteries. The OEM batteries shall not be relocated from their original position(s) while the additional conversion batteries shall be located in a ventilated drawer under the ALS compartment.

A programmable multiplex battery isolator shall be installed to separate the chassis batteries from the patient compartment batteries. It shall monitor battery voltage and allow for OEM battery boost by the conversion batteries and full OEM battery charging via the shoreline. The different voltage limits will be programmable. A system comprised of an isolator, boost solenoid and trickle charger shall not be acceptable as this requires more components, cables and connections.

#### **Electrical Outlet, 12V DC 20 amp with Indicator**

All 12VDC power point outlets specified here shall be properly tested and shall be protected with a Schottky-style diode to isolate the medical equipment batteries from other loads. The diode shall be located in the electrical panel and shall be wired to the conversion batteries. It shall be designed to handle voltage of at least 48VDC. All wiring to the 12VDC outlets shall be clearly labeled and shall be one (1) continuous run from the diode to the outlet.

#### **Multiplex Electronic Management System**

A 12VDC electrical system shall be added in junction with the OEM system. They shall be isolated from each other, yet they still exchange data. This is achieved by using a multiplex system in combination with a CAN BUS connectivity between the two (2) systems. It reduces the number of wires in the harness, thus reduces the number of welds and connections. Using programmable solid state devices allows for easy updating and customizing of the vehicle without needing to add relays or modify the wiring system, even at a later stage while the vehicle is in the field. Printed circuit board or, so called "hardwired" electrical systems shall not be acceptable.

The ambulance manufacturer shall have significant experience in installing multiplex and

electrical systems. The purchaser is not interested in prototypical or logical systems that are untested or unproven by the ambulance manufacturer. The multiplex system specified here shall be fully developed, tested, in service for at least 15 years and shall be installed on at least 10,000 units. Documentation of electrical systems installed and in-service must be provided with bid submission with a list of existing large fleets with over 100 vehicles in service with the proposed system (no Exceptions).

#### **Electronic Controller Units (ECU)**

Multiplexing electrical system shall consist of solid state electronic controller units mounted in the electrical control panel. Electronic controller units shall act as the central communications system for the entire electrical system. These electrical controller units shall command all electrical components installed by the ambulance manufacturer in the cab and in the patient compartment. Each electronic controller unit shall be self-diagnostic with easy-to-read LED. A CD of the programing and the electrical schematics as well as detailed printed schematics of all components and wiring shall be provided with the completed ambulance.

All Electronic controller units shall be sealed in a weatherproof exterior casing. The ECUs main control panel shall be coated in weather resistant from the factory. All electronic controller units shall be installed in electrical control panel compartment for centralized location.

Electronic controller units shall be programmed using already established automotive communication language. Electronic controller units shall be programmed to communicate and receive signals in the SAE J1939 protocol via the CAN BUS connection. This type of system is preferred to allow for future expansion and. No auxiliary printed circuit boards, circuit breakers or relays shall be needed in future expansion or to assist in the functionality of standard electrical components.

#### **Serviceability**

The ambulance multiplexing electrical system shall be designed to be maintained and serviced easily. In the unlikely event of an electrical problem, the ambulance's electrical system shall be able to be connected remotely to the Internet via WI fi or Bluetooth connectivity and shall be able to be diagnosed or reprogrammed by a service technician at the ambulance local dealer or manufacturer's main facility. This multiplex electrical system shall be proven to be virtually maintenance free. A failure (warranty) rate of less than 1% is required because this agency wishes to purchase an ambulance with the utmost reliability in service. Documentation of warranty claims relating to the electrical system shall be provided with bid submission (No Exceptions).

#### **Wiring**

All wiring for the electrical systems shall be stranded copper or copper alloy conductors of a gauge rated to carry 125 percent of the maximum current for which the circuit is protected. Voltage drops in all wiring from the power source to the component shall not exceed 10 percent. All circuits shall be wired in conformance with SAE J1292, Automobile, Truck, Truck-Tractor, Trailer, and Motor Coach Wiring. None of the ambulances electrical wiring and components shall terminate or originate in the oxygen storage compartment except for the oxygen flow control solenoid, compartment light, and switch plunger or trigger device.



### **Wiring Harness**

The ambulance wiring harnesses shall be a continuous run to each electrical component. The ambulance wiring shall contain no splices in the main wiring harness. The terminals on connectors of each end shall be machined crimped. Hand crimped electrical connectors are not permitted by the purchaser as they have been proven to be prone to premature failure and/or irregularities.

All ambulance wiring harnesses shall be enclosed in a plastic loom. This loom shall run from the electronic controller units to each specified electrical component. Instances where conduit must travel through a tube structure, a rubber grommet shall be placed in the hole to prevent premature wear of the plastic loom and/or wiring. All wiring harnesses shall be secured to the roof and walls tube structures with insulated clamping fasteners.

The overall covering of jacketed cables shall be moisture resistant and have a minimum continuous temperature rating of 194°F (90°C); except for cable installations where the wiring may be exposed to higher temperatures. All wiring connections and terminations shall use a method that provides a positive standard connection. Wiring connections and terminations shall be installed in accordance with the device manufacturer's instructions. Wire nut, insulation displacement, and insulation piercing connections shall not be used.

All connections to the electrical components shall include a minimum 6 in. service loop of. All wiring connections shall utilize easy plug in style connectors.

### **Wiring Identification**

All wiring shall be identified every 6" at a minimum. The wiring identification code shall be the position on the electronic controller unit for easy maintenance and diagnosis. Wiring identification shall be clearly visible and shall be printed on the insulated wire. No stickers will be allowed.

### **Circuit Protection**

Circuits shall be provided with properly rated low voltage overcurrent protective devices. Such devices shall be readily accessible and protected against heat in excess of the overcurrent device's design range, mechanical damage, and water spray. Circuit protection shall be accomplished by utilizing fuses, circuit breakers, fusible links, or solid state equivalent devices.

### **Wiring Schematics**

The complete set of wiring schematics shall clearly identify all wiring locations, routing, and component connection. A sample document shall be available to the purchaser on request to examine the quality of the electrical schematic. All instances of wiring not conforming to the standards established in this document shall be documented at the time of the proposal. Failure to comply with this requirement shall be cause for rejection of the proposal.

### **Electric Panel**

The electrical panel shall be protected by a removable panel or a compartment door. It shall include in addition to the ECUs all block fuses and other electronic devices.

For future upgradability, one (1) extra 15 amp 12VDC circuit breaker shall be provided. It shall be wired and shall be ready for a future programmable function with the multiplexing electrical system.

### **Grounding**

Dedicated grounding locations for all appliances, circuits, etc. shall be supplied. Appliance mounting screws/hardware shall not be used for grounding purposes, nor shall the body of the ambulance be used as a ground location. Star washers or unapproved, untested grounding methods shall not be used.

OEM grounds shall not be used as grounding location for the conversion circuits.

### **Switching Requirements**

Switches, relays, terminals, and connectors shall have a direct current (dc) rating of 125 percent of maximum current for which the circuit is protected.

### **Voltage Alarm**

The multiplex system shall incorporate an audible voltage warning should the system voltage at the battery or at the master load disconnect switch drops below 11.8VDC for a duration of 120 seconds for 12VDC nominal systems.

### **Load Management**

The multiplexing electrical system shall be programmed to automatically shed electrical load should the electrical output rating of the installed alternator drop below a programmed voltage level. Electrical components shall shed in order of priority. External load management systems or load management systems not programmable shall not be considered as the purchaser requires this electrical system to be flexible and customizable.

### **Pre-wire 12vdc for Cooler**

Pre-wire 12V for Engel cooler #MD14F behind rear-facing attendant seat

### **12 vdc wired constant hot**

all 12-volt outlet ports to be wired constant hot



#### **Additional 20-amp Shoreline**

ADDITIONAL (second) 20-A shoreline w/indicator light to supply OEM BLOCK HEATER and 110v heater

#### **Secure Wires for lights**

Zip tie all exterior light connections

#### **wire inverter on w/ignition**

inverter ON while ignition is ON

#### **Radio Antennas (6)**

total of (6) coax pre-wire

#### **Hand light**

1 Led stream light Vulcan 180 orange installed in L-2 compartment

#### **Tablet charger**

There shall be a Lin charger with 6ft power cord and protective cord shield installed to charge the secondary PCR tablet location shall be determined at preconstruction meeting

#### **Monitor bracket**

There shall be a Techimount HD series mount installed on the rearward counter top this unit must include the monitor bracket kit and installation bidder must be a stocking dealer of these mounts to minimize the down time shall one fail . UNIT TO BE THROUGH BOLTED WITH REINFORCENT UNDERNEATH

### **Communication System**

#### **Pre-Wiring for 2-Way Radio, 6 Antenna Cables**

The ambulance shall include 6 cables going to the radio compartment from the front cabin. These cables shall be protected against the elements. Locations of antennas shall be determined at preconstruction meeting

#### **Radio Communications Compartment**

A ventilated radio compartment with a door should be easily accessible and shall contain universal board, Bussmann blade-type fuse panels, and harness.

#### **Data Recorder Available Signals**

A universal connector shall be provided to get signals such as brake, park brake, turn signals, engine RPM, reverse, etc., for use by a driver or vehicle monitoring telematics system.

#### **radio panel access**

nut-certs for radio-comm panel access

### **Custom radio communication installation and fuel ring**

Install (1) blank in cab console for Motorola XTL-1500 first slot behind siren; prepare opening for Motorola XTL-1500 in ECC (relocate temperature sensor to prevent false reading from radio heat). Run Cat-5 wire from electrical compartment to HVAC return area.

Installation of customer supplied fuel ring and GPS control unit must be installed by manufacturer

### **Move Howler switch**

Move Howler switches to the left most side of the switch panel.

## ***HVAC***

### **Dual In-Line condenser 60000 BTU, Front**

A dual-In Line Condenser 60,000 BTU, (Hoseline TMC2014) shall be installed on the front of the module. The condenser shall be top center mounted with aluminum mounting brackets. Condenser and brackets are to be painted to match the module.

### **Independent Air Conditioning System (No exceptions)**

The air conditioning unit shall be tie-in to the OEM air conditioning system, cooling the air of the patient compartment through the ducted outlets. The module HVAC system shall employ a separate condenser for the enhancement of the A/C system and maximizing the cooling performance especially in hot conditions helping the OEM condenser so that maximizing the performance of the patient environmental cooling systems. The location and capacity shall contribute to a well balance system for a higher efficiency.

The Hoseline evaporator unit shall have a capacity of 580 CFM and cooling capacity of 30,000 BTU. The evaporator shall be installed in the patient compartment above the oxygen compartment. An AC high capacity filter-drier shall be installed to the inlet of the evaporator to prevent debris and moisture in the system. It shall be accessible by removing the partition ceiling protector.

Five (5) adjustable vents with manual closures are installed above the street side cabinet in a padded diffuser and shall project at a downward angle toward the patient and crew. Cold air runs from the front evaporator to the vents through a one-piece angled duct to maximize and regulate air flow. It is made of a lightweight material and insulated with high performance insulation to reduce thermal transfers and condensation.

The patient compartment HVAC system shall be controlled by the driver or the patient compartment attendant via the multiplex touch pad or touch screen located in the front console or the rear switch panel.

The patient compartment temperature shall be monitored by a thermostat incorporated in the multiplexing electrical system. Additional to the three (3) preprogrammed speeds, an automatic mode shall be able to decide between heating, cooling and fan speed in function of the set temperature versus the patient compartment temperature.

In order to achieve maximum efficiency and optimization of this system, the fans' speed shall be optimized via Pulse Width Modulation (PWM) to allow the heating and cooling



system to run at its most effective speed.

Adequate room for hose connections and hose lines shall be provided when installing HVAC components. The hoses shall be protected and insulated to optimize performance and longevity. They shall also be clamped every 18" with high strength clips and routed without sharp bends and kinks.

#### **Air Conditioning Outlets, Round**

There shall be round outlets for ducted air conditioning.

#### **OEM Tie-In Heating Unit**

The heating unit shall be installed in the patient compartment in a location behind the street side cabinet, in the wheel well area. The heated air shall blow from below the side wall and just above the roll up floor in a cabinet full length vent. This ventilation system shall blow heat below the patient immediately and circulate upward, also creating a radiator effect as the heated air warms the side wall. The interior ducting shall be designed such that debris or liquids cannot enter vent.

#### **HVAC/climate control Layout**

The heating and cooling system must be separate and stand-alone from each other but controlled by one control panel. The AC must exist from the Top vents and heat must exit from no higher than 4" from the floor proposed unit must not be a new design. The HVAC system specified here shall be fully developed, tested, in service for at least 15 years and shall be installed on at least 10,000 units. Documentation of the systems installed and in-service must be provided with bid submission with a list of existing large fleets with over 100 vehicles in service with the proposed system (No Exceptions).

#### **Thermoelectric cooler**

There shall be a Dometic tropi-cool TC14 unit installed behind the attendants seat with custom mount floor plate and wired to the 12 volt electrical system.

#### **Exhaust Fans (2)**

Two (2) exhaust fans shall be installed. These fans shall allow adequate air exchange within cab and patient compartment while parked or in motion. The exhaust fans shall be controlled by the multiplexing electrical system and shall operate on 3 speeds (Low, Medium and High). To move air in a more efficient manner while keeping noise level to a minimum, a dual exhaust vent system with two (2) exterior exhaust ports shall be installed. The exhaust vents shall exit from the street side of the vehicle.

#### **120vac Electric Heater**

Add 110V Electric Heater installed on SS wall, near rear entry doors;

#### **Reinforce front module wall**

Increase reinforcement for AC condenser on front wall of module to prevent fatigue near auxiliary AC condenser.

#### **AC Drain hose**

Add inspection point to verify drain hose connection. Hose must be secured properly.

#### **Routing of HVAC hoses**

Inspection point: ensure proper routing of AC lines under hood to prevent burning from engine heat

### ***Interior Lights***

#### **LED Dome Lights, Adjustable, Dig. Timer**

Whelen round Super LED dome lights, Whelen #80C0EHCR, shall be provided in the patient compartment. The dome lights shall be controlled by separate switches for the left bank and right bank of lights. The dome lights shall be activated by switches on both the attendant control panel and the master control console. The ceiling lights shall have four (4) different intensities. Each time the ceiling lights button is pushed, the intensity shall increase, until maximum intensity is reached. One curbside bank of LED lights of the patient compartment shall be illuminated when the patient compartment entry doors are opened.

### ***Grab Handles***

#### **Grab Bars Color, Yellow**

Color of selected grab bars shall be yellow they must be coated with the anti-microbial coating.

#### **Rear Door-Mounted Grab Bars, 16" x 16"**

Two (2) handrails shall be installed at the rear access doors to allow ease of entry into the patient compartment. The hand rails shall be 90 degree "L" shaped 16" x 16". These handles shall be designed to give the persons exiting and entering the patient compartment multiple points of contact to maintain safe entry and exit of the vehicle. The access handrails shall be installed on the top and lower interior door panels through mounting plates in the door extrusions. Hand rails attached through the door panel only are not accepted as they have a tendency to pull loose after an extended period of time. They should not need to be removed for handle and locking mechanism lubrication.

#### **Curbside Door-Mounted Grab Bar, 12"**

One (1) 12" handrail shall be mounted on the inside of the side entry door (C2). This additional grab handle shall be positioned in a location that is easy for the attendant to grip when entering the vehicle.

#### **Embarking Grab Bars, 12"**



Two additional 12" handrails shall be mounted in the patient compartment, one (1) right of rear access door and one (1) right of side access door. These additional grab handles shall be positioned in a location that is easy for the attendant to grip when entering the vehicle.

#### **Ceiling Grab Rails, 90", Two (2)**

Two (2) 90" overhead steel grab rails shall be mounted in the patient compartment ceiling. The grab rails shall be securely fastened to the roof structure in the patient compartment ceiling at each mounting location. The grab rails shall be at least 1" in diameter.

### ***Finish and Trim***

#### **Lonseal, Lonplate II, Gun metal**

Lonseal Lon Plate II floorings shall be installed in the completed ambulance. The non-slip floor covering shall be rolled at least 3" up both sides of the patient compartment. This floor shall be rolled on the coved floor extrusion and shall be adhered at every point of the floor cove giving a tight secure fit that will not bubble or prematurely tear. The floor shall be a one (1) seamless piece and shall be able to be cleaned without having to purchase special or potentially harmful cleaning agents. This roll up floor shall cover the entire length and width of the compartment's working area. Areas in the floor where the sidewalls and floor meet shall be sealed to prevent any blood borne pathogens from entering.

#### **Cobalt Blue Upholstery**

There shall be Cobalt blue vinyl upholstery for seat and padding covering. (Included)

#### **Safety Yellow Upholstery**

There shall be Yellow vinyl upholstery for safety exit padding covering. (Included)

#### **Wood Flooring**

The floor shall be constructed of 3/4" marine grade 7-ply plywood and shall extend the length and width of the patient compartment. Where additional sections of plywood are needed, the sections shall utilize lap joint construction to maintain a continuous lay of the floor and eliminate the possibility of gaps or cracking. It shall be bonded to the aluminum panel and screwed only where there are beams or plates. Screws only through the aluminum skin will not be tolerated as the present a potential injury risk and add close to no value to the floor integrity. Holes in the floor for patient handling options shall be CNC pre-cut to ensure maximum precision.

#### **Fiberglass Ceiling**

The interior of the ambulance shall be constructed in such a way that is free of sharp edges. All interior surfaces shall be easy to clean, impervious to soap, water, body fluids, disinfectants and shall be mildew resistant. Ceiling in patient compartment shall be CNC cut fiberglass matching the interior color.

### ***Functionality***

#### **Radio Speakers, Recessed, Two (2)**

A pair of rear radio speakers shall be installed in an upper portion of the patient compartment in an area not interfering with patient care. The speakers shall be controlled by a rheostat volume control on the action area wall.

#### **IV Hooks, Recessed in Ceiling, Flexible, Four (4)**

Four (4) recessed mounted IV hangers specifically designed for holding IV containers shall be installed, including hook and loop straps to adequately secure an IV bag/bottle. The IV holder shall recess into the ceiling creating minimal protrusion into the patient compartment when not in use.

#### **Storage Compartment, Sliding Doors**

There shall be a cabinet over the seating area on the curbside wall. It shall be divided into two (2) sections and accessible via sliding polycarbonate windows. A vinyl pad shall wrap the cabinet for head protection.

#### **Trash Container, Flip-Down, Hands-Free**

A kick out style trash container shall be installed in the squad bench area. This type of system shall allow the attendant to quickly discard any biologic waste via a tip out door with his or her foot to avoid unnecessary contamination from their hands.

#### **Digital Clock, Driver and Step Indicator Lights**

A large digital clock shall be installed in the patient compartment. It shall display seconds and integrates indicator lights for rear step position and driver intention and be flush mounted in the protector above the rear doors.

### **Accessories**

#### **Oxygen Tank Bracket**

2) ziamatic QR-D2H oxygen cylinder bracket shall be installed in the walk thru wall. These brackets shall be securely fastened to reinforcement mounting plates. Exact placement shall be done at factory final inspection

#### **Hardware Parts kit**

ship lose —2 door ext handles /2 door latches /2 interior compartment handles /misc. hardware pack /2 spring latches/ 2 door hold open pistons /2 door unlock switch / 2 sharps containers /2 waste container/6 shelving springs kits



## Specification Summary

Reference: QU00000003365 Rev: 0  
Purchaser: Demers Ambulance USA Inc.  
Contact:  
Address:

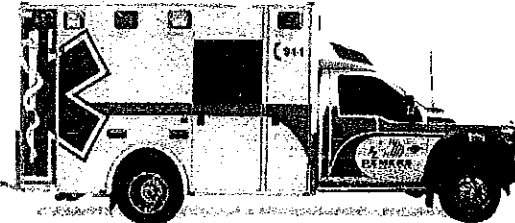
Opportunity: 2021-25 NCPD Contract  
Account: Nassau County PD  
Contact: Billy Georgiou  
Shipping  
Address:

USA  
Telephone: 800-363-7591

Currency: USD  
Quotation Date:  
Expiration:

Sales Contact:  
Mobile:  
Phone:

Factory Contact:  
Mobile:

Name	Specifications
Type I - MXP170	Overall Length 294" - 311" (747 cm - 790 cm) Overall Width 95" (241 cm) Overall Height 110" (279 cm)** Headroom 72" (183 cm) Wheelbase 174" - 192" (442 cm - 488 cm)* Payload Capacity Up to 5500 lbs (2495 kg)
	*Depending on chassis selection
	**Total height of vehicle may differ according to chassis and suspension

## Sales Options by Category

### 10-Base (BAS)

Item Number	Name/Description	Quantity
BAS-PLA-12	TYPE I - MXP170	1.00
	TYPE I - MXP170	
BAS-REG-11	United States	1.00
	Sales Administration Charge	
BAS-TYP-11	Type I - Pick up	1.00
	Type I - Pick up	
SR00077638	Customer Drawings	1.00
	Develop current Customer Drawings Comments: 2021-03-23: Added to the queue.	

### 11-Chassis (CH\*)

Item Number	Name/Description	Quantity
BAS-CHA-21	Chassis Model year 2021	1.00
	Chassis Model year 2021	





CHP-FRD-00	Conversion Ford F350/F450 Chassis Cab	1.00
CHP-FRD-17	Ford F450XLT Super Duty Diesel Chassis Cab 4X4 193	1.00
	Ford F450XLT Super Duty Diesel Chassis Cab 4X4 193 6.7L POWER STROKE V8 Diesel Engine Wheelbase 193" (4902 mm), 4 X 4 GVWR (Gross vehicle weight rating) 16,500 Lbs / 7,486 Kg	
SR00077639	FORD OEM combination entry	1.00
	Chassis to have FORD OEM combination entry on cab doors	
SR00077642	Run a wire fuel fill	1.00
	Run a wire (18 AWG 2/C Str CMP Plenum Rated Shielded Sound & Security Cable) from fuel fill to under console for fuel ring; we will put ends on and connect	

### 12-Suspension (SUS)

Item Number	Name/Description	Quantity
SUS-LIQ-11	LiquidSpring™ Suspension Type I	1.00
	Compressible Liquid Adaptive Suspension System, is a smart suspension systems. Liquid-based struts and an on-board processor provide better handling and control, and a smoother, softer ride. The reduced vehicle vibration increases comfort.	
SR00077644	Liquid Spring - side entry door	1.00
	Liquid Spring drops and raises with side entry door opening / closing.	
SR00077663	Relocate Liquid Spring cab controller	1.00
	Relocate Liquid Spring cab controller to inside floor console with slack to access via removing cup holder	

### 13-Module (MOD)

Item Number	Name/Description	Quantity
MOD-ALU-14	MXP170 Ambulance Module	1.00
	Ambulance Module Structure / Door Structure and Accessories  Included	

### 14-Module Configuration (MCF)

Item Number	Name/Description	Quantity
MCF-CC1-11	C1 Door, ALS Access and Battery Location	1.00
	First door on curbside (C1) for ALS compartment access and battery slide out sealed compartment. (Included)	
MCF-CC2-11	C2, Curbside Entry Door	1.00
	Side entry door on curbside (C2) for patient compartment access, with flush-mounted, automotive-style window.	
MCF-CC3-11	C3 Door, Storage Exterior Compartment	1.00
	Third door on curbside (C3) for backboard or other storage. (Included)	
MCF-CC3-12	Premium Backboard Dividers, Three (3), with Belts	1.00
	Three (3) adjustable Premium backboard dividers, with belts, in C3 compartment.	
MCF-CML-12	High-Intensity Compartment Tube Lighting	1.00
	High-intensity tube lighting for Compartments. With Side entry Door Steps.	
MCF-ELE-11	E Door, Electrical Exterior Compartment	1.00
	Upper door (E) for electrical panel access. (Included)	
MCF-RDR-13	A1 and A2, Rear Entry Doors, with Defrost	1.00
	Two (2) rear entry doors for patient compartment access, each with its individual exterior door handle. Includes frameless flush-mounted tinted windows and defrost feature.	
MCF-SS1-11	S1 Door, Main Oxygen Exterior Compartment	1.00
	First door on streetside (S1) for main vertical oxygen cylinder. (Included)	
MCF-SS2-12	Full-Depth Shelf, One (1), Adjustable	1.00
	One (1) full-depth, adjustable shelf in S2 compartment.	
MCF-SS2-15	S2 Door, Storage Exterior Comp	1.00



MCF-SS3-12	Second door on streetside (S2) for equipment storage for MX/MXP170. (Included) <b>S3 Compartment, Equipment Storage, In/Out Access</b>	1.00
MCF-SS3-21	Third door on streetside (S3) for equipment storage, with interior/exterior access. <b>Stair Chair Holder on Compartment Door</b>	1.00
MCF-SS3-25	Stair chair holder on S3 compartment door. <b>Half-Depth Shelves, Two (2), Adjustable</b>	1.00
SR00077645	Two (2) half-depth, adjustable shelves in S3 compartment. <b>O2 bracket is position</b>	1.00
SR00077647	Be sure (S1) Main O2 bracket is positioned to rear side leaving more room in compartment for other equipment. <b>Stair chair shelf</b>	1.00
SR00077671	BE CERTAIN S3 stair chair holder has clearance height to gas strut for Stryker Stair Pro (38") (CMC15) Stair chair shelf – chair sits too high with dry-decking installed – need to remove it or door will not close; <b>S1 door strap 90 degrees.</b>	1.00
	Change the S1 door strap to allow it to open beyond 90 degrees.	

### 15-Lighting (LGT)

Item Number	Name/Description	Quantity
LGT-LSL-12	<b>Turn Signal Arrows, Amber (2), LED</b> Two (2) amber turn-signal arrows, intermediate side mount. Whelen 700 series (7 x 3) LED lights. Includes 15 degree chrome bezels.	1.00
LGT-RSL-11	<b>Third Upper Brake Light, LED</b> Third upper brake light at rear of module. Whelen 600 series (6 x 4) LED light.	1.00
LGT-RSL-22	<b>Mid-Height Lights: Arrow, Brake, Reverse</b> Two (2) amber arrows, two (2) red brake lights, and two (2) reverse lights at mid height. Whelen 600 series LED lights (6 x 4).	1.00
LGT-RSL-28	<b>Rear Step Plate, without Lighting</b> Rear step plate without lighting.	1.00
LGT-TPL-11	<b>Marker Lights, Amber (7) and Red (7), LED</b> Seven (7) front upper center and corner amber LED marker lights. Seven (7) rear upper center and corner red LED marker lights.	1.00
LGT-TPL-12	<b>Marker Lights, Two (2) rear mid-height red LED</b> Two (2) rear mid-height red LED marker lights.	1.00
SR00077656	<b>Brake Lights flash</b> The Lower Standard Brake Lights flash with the Amber Turn Signal. Disconnect the Brake from the turn circuit. Comments: Standard with Amber turn signal.	1.00
SR00077678	<b>Zip tie all exterior light connections</b> Zip tie all exterior light connections.	1.00

### 16-Emergency and Working Lights (EWL)

Item Number	Name/Description	Quantity
EWL-ACC-11	<b>Clear Lenses</b> Clear lenses.	1.00
EWL-BEZ-11	<b>Chrome bezels</b> Chrome bezels.	34.00
EWL-FWD-17	<b>Emergency Lights, Red (3), White (1), Red (3), LED</b> Seven (7) emergency lights installed on the front of the module. Includes three (3) red, one (1) white, and three (3) red. Whelen 900 series (7 x 9) LED lights.	1.00
EWL-GRL-14	<b>Lights in Front Grille, Red (2), Wig-Wag (2), 500</b> Two (2) red and two (2) clear lights in front grille with Wig Wag flash pattern. Whelen 500 series (5 x 1) LED lights.	1.00
EWL-INT-11	<b>Emergency Lights on Inside of Doors, One (1) each</b>	1.00





	One red emergency light on each compartment and entry door inside panel. Total of eight (8) round LED lights.	
<b>EWL-ITC-12</b>	<b>Intersection Lights, Clear/Red (2), LED</b>	1.00
	Two (2) clear/red intersection lights with turning priority. Whelen 700 series (7 x 3) LED lights.	
<b>EWL-LTI-11</b>	<b>Emergency Lights, Red (2), LED, Inter. Side Mount</b>	1.00
	Two (2) red emergency lights, intermediate side mount. Whelen 700 series (7 x 3) LED lights.	
<b>EWL-LTS-11</b>	<b>Four (4) red LED lateral emergency lights (900)</b>	1.00
	Four (4) red lateral emergency lights (two (2) on each side). Whelen 900 series (7 x 9) LED lights.	
<b>EWL-LTS-17</b>	<b>Scene Lights, Four (4), Clear LED, (900)</b>	1.00
	Four (4) lateral scene lights (two (2) on each side). Whelen 900 series (7 X 9) LED scene lights.	
<b>EWL-RER-11</b>	<b>Emergency Lights, Red (2), LED, Rear Corners</b>	1.00
	Two (2) red rear emergency lights at upper rear corners. Whelen 900 series (7 x 9) LED lights.	
<b>EWL-RER-12</b>	<b>Emergency Lights, Amber (2), LED</b>	1.00
	Two (2) rear upper amber lights. Whelen 600 series (6 x 4) LED lights.	
<b>EWL-RER-15</b>	<b>Loading Lights, Two (2), LED</b>	1.00
	Two (2) rear loading lights. Whelen 600 series (6 x 4) LED lights.	
<b>EWL-RER-16</b>	<b>Emergency Lights, Red (2), LED, Addtl, Window Hgt</b>	1.00
	Two (2) additional red lights at window height. Whelen 900 series (7 x 9) LED lights.	
<b>SR00077650</b>	<b>whelen avenger red white dash light</b>	1.00
	There shall be (1) whelen avenger red white dash light permanent mount to dash panel for mid-point lighting. Offset avenger light towards passenger side as to not block headlight sensor Comments: A036578 PER F19P-1523	
<b>SR00077651</b>	<b>Street side 900 series warning light split BLUE</b>	1.00
	Street side the 900 series warning light on The driver side rear. shall be a split red/blue light. BLUE TO REAR Comments: Upgrade pricing.	
<b>SR00077652</b>	<b>Brake override</b>	1.00
	Window level 900 Warning lights to override to brake lights in & out of emergency mode	
<b>SR00077653</b>	<b>Warning light sync single flash 300</b>	1.00
	All warning lights ( front grille, intersection lights and rear brake lights) have continuous ON output Program to "Single Flash 300" for maximum impact, use sync wire on each light.	
<b>SR00077655</b>	<b>4 Grille Warning lights to flash</b>	1.00
	4 Grille Warning lights to flash in Demers pattern alternating X (Top A-B, Bottom: B-A), The upper grille warning should be clear not red, bottom stay red (same flash patterns).	
<b>SR00077657</b>	<b>driver side rear shall be a blue</b>	1.00
	Rear plane : The 900 series warning lighth on the driver side rear shall be a blue light.	
<b>SR00077658</b>	<b>Replace upper rear center 600</b>	1.00
	Replace upper rear center 600 series brake light with amber light.	
<b>SR00077659</b>	<b>rear plane 900 series flash X-pattern</b>	1.00
	rear plane 900 series upper corners and window height lights to flash X-pattern	
<b>SR00077660</b>	<b>Add (1) Whelen 500 Series RED LEDs -speaker housings</b>	1.00
	Add (1) Whelen 500 Series RED LEDs on each vertical side of speaker housings on grille (same light head as grille lights)	

### 17-Audible Warning System (WRN)

Item Number	Name/Description	Quantity
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<b>WRN-BUA-11</b>	<b>Back-Up Alarm</b> Back up alarm (97dB) with override switch. (Included)	1.00
<b>WRN-LFS-11</b>	<b>Whelen Howler Low Frequency Tone Siren</b> Whelen Howler is a add-on to any 100/200 watt siren amplifier. Uses low frequency tones to synchronize with the vehicles primary siren tones. Includes low frequency siren amplifier and speakers.	1.00
<b>WRN-SIR-11</b>	<b>Whelen 295SLS Hands-Free Siren</b> Whelen model 295HFSA1 siren amplifier with 17 Scan-Lock™ siren tones.	1.00
<b>WRN-SIR-13</b>	<b>Switch to Mute OEM Horn when Siren Speakers Active</b> Switch to mute the OEM horn when the siren speakers are activated.	1.00
<b>WRN-SPK-11</b>	<b>Whelen SA315 Series Speakers</b> Whelen SA315 series speakers is a compact speaker meeting SAE Class A requirements when paired with Whelen 100 watt siren amplifier.	1.00
<b>SR00077685</b>	<b>Howler switch</b> Move Howler switch to the left most side of the switch panel (bottom row left).	1.00

### 18-Exterior Vehicle features (VFT)

<b>Item Number</b>	<b>Name/Description</b>	<b>Quantity</b>
<b>VFT-FUL-11</b>	<b>Quarter-Tank Fuel Fill</b> Quarter-tank fuel fill.	1.00
<b>VFT-MIR-11</b>	<b>OEM exterior mirrors</b> Keep OEM exterior mirrors	1.00
<b>VFT-MOP-11</b>	<b>Module Rub Rails, Aluminum</b> Aluminium rub rails on module sides. (Included)	1.00
<b>VFT-MOP-12</b>	<b>Module Corner Protectors, Stainless-Steel</b> Stainless-steel protectors on module corners. (Included)	1.00
<b>VFT-MOP-13</b>	<b>Module Wheel Trims, Fiberglass</b> Formed fiberglass wheel trimming on module. (Included)	1.00
<b>VFT-MOP-14</b>	<b>Undercoating Protection</b> Undercoating protection for module and chassis. (Included)	1.00
<b>VFT-MOP-15</b>	<b>Rear Wheel Mud Guards</b> Mud guards on module for rear wheels. (Included)	1.00
<b>VFT-PLT-12</b>	<b>Chrome License Plate with Light</b> Recessed chrome license plate holder with LED light.	1.00
<b>VFT-STP-11</b>	<b>Cab Steps, Anti-Skid Material with Mud Guards</b> Anti-skid lateral steps. Includes mud guards for front wheels. (Included)	1.00
<b>VFT-STP-12</b>	<b>Rear Step Bumper, Retractable Center Section</b> Anti-skid rear retractable step. Diamond plate corner bumper. Rubber bumperette. (Included)	1.00
<b>SR00077661</b>	<b>flip-up step switch</b> Use nut and bolt to secure flip-up step switch. Reinforce bracket to prevent it from bending	1.00

### 19-Convenience (CNV)

<b>Item Number</b>	<b>Name/Description</b>	<b>Quantity</b>
<b>CNV-ACC-13</b>	<b>Valet Switch in Front Grille</b> The door unlock valet switch is located on the back of the front grille, on the driver's side half portion of the grille. It allows to unlock all doors of the vehicle, but cannot lock the doors. (Included)	1.00
<b>CNV-ACC-15</b>	<b>Demers Fast Idle</b> Demers fast idle is generated by the multiplex module; it allows fast charging of the batteries by the engine when specific conditions are met. (Included)	1.00
<b>CNV-CAM-11</b>	<b>Black Back-Up Camera</b>	1.00





	Zone Defense standard back-up camera with build-in audio support and infra-red night vision.	
CNV-LCK-11	<b>Anti-Theft System</b> The anti-theft allows to leave the vehicle with the keys with the engine running to keep the vehicle at the ideal operating temperature. It protects against theft by running off the engine if the vehicle moves. (Included)	1.00
CNV-LCK-12	<b>ECOSMART Anti-Idling System</b> The ECOSMART Anti-Idling System automatically stops the engine and restarts the engine of the vehicle in idling conditions. The ECOSMART Anti-Idling System is managed by the Demers Electronic Multiplex System (DEMS).	1.00
SR00078441	<b>2021-03-26 (PR): Emergency Starting System</b> Emergency Start System with a high quality molded plug including 2-gauge wire mounted on the front bumper. Vendor must leave service loop at plug receptacle and include one set of 25ft 2/0 cable including one female plug on one end and 800 amp alligator clips on the other end with dust cover. Label: EMERGENCY JUMP START. Comments: An Associated Equipment Plug-in jump-start set #6146 shall be provided and installed. The set shall include 800 amp clamps, 4 ft polarized socket box, and 25 foot 1g cables.	1.00
SR00078442	<b>2021-03-26 (PR): Hardware parts kit</b> (2021-03-25) Please provide part number or models requested. Pricing estimate; see part / priced below. (Original) ship lose —2 door ext handles /2 door latches /2 interior compartment handles /misc hardware pack /2 spring latches/ 2 door hold open pistons /2 door unlock switch / 2 sharps containers /2 waste container/6 shelving springs kits	1.00
SR00077646	<b>NO CN #10 cabinetry hardware</b> (2021-03-23): Pricing for ten (10) locking Southco latches in the following positions: on the forward bulkhead; one (1) for the radio compartment, one (1) top ASL, four (4) for middle ASL, four (4) for lower ALS. (One for middle drawer requested in separate SR) (Original) NO CN #10 cabinetry hardware, all southco's to be locking.	1.00

### 21-Paint and Decals (DEC)

Item Number	Name/Description	Quantity
DEC-PNT-11	<b>Tri-Star Urethane Paint</b> Two (2) coats of primer with two (2) coats of urethane. All four (4) sides and roof. No sanding. No buffing.	1.00

### 22-Drivers Compartment (CAB)

Item Number	Name/Description	Quantity
CAB-CON-11	<b>Floor-Mounted Console with control</b> Floor-mounted console in front cab.	1.00
CAB-CON-14	<b>Armrests, Driver and Passenger, Individual</b> Individual driver- and passenger-side armrests on sides of floor-mounted console.	1.00
CAB-CON-15	<b>Cup Holders, Dual, in Floor-Mounted Console</b> Dual cup holders in floor-mounted console.	1.00
CAB-CTR-13	<b>Control Center with Switches and Touch Pad</b> Control center with switches and LED backlit pictograms in the floor mounted console.	1.00
CAB-LGT-11	<b>Cab headliner with Reading Lights, Red/Clear (2)</b> Two (2) clear and red overhead LED reading lights.	1.00
SR00077640	<b>Waste container / bracket to walk-thru door</b> Add Waste container / bracket to walk-thru door so on cab side (same as previous orders). Add extra bracket for front console trash can.	1.00
SR00077643	<b>Add Box for Laptop</b> Add Box for Laptop behind the center console in cab see photo from (F19P-1523)	1.00



SR00077654	<b>Front console w / D030528 for MDT mount</b> Front console w / D030528 for MDT mount 'design the pole for this Jetto bracket 425-5563 (bracket not included) Console Layout: oem radio/traffic /w pole/radio/radio/scanner Relocate cup holders to the rearmost section of console, radio just in front of cup holders. Reduce height of MDT pole mount by 3"	1.00
SR00077664	<b>MAP BOX AND BLANK COVER PLATE...MOVE CUP HOLDERS</b> SINGLE MAP BOX AND BLANK COVER PLATE...MOVE CUP HOLDERS TO REAR-MOST POSITION Front console w / D030528 for MDT mount 'design the pole for this Jetto bracket 425-5563 (bracket included in another SR) Console Layout: oem radio/traffic /w pole/radio/radio/scanner Relocate cup holders to the rearmost section of console, radio just in front of cup holders	1.00

### 23-Curbside configuration (CRB)

Item Number	Name/Description	Quantity
CRB-TEC-11	<b>Full-Length Seat Cushion</b> Full-length, thermoformed, molded seat cushion.	1.00
CRB-TEC-13	<b>Ergonomic Seat Backrest with Lumbar Support</b> Individual, ergonomic, thermoformed, molded backrests with lumbar support.	3.00
CRB-TEC-17	<b>Seating, Three (3) Passengers, 2Pts Safety Belts</b> Seating for three (3) passengers with 2-point safety belts. Space for Flip-down and hands-free opening mechanism.	1.00
SR00077665	<b>linkage to squad bench lid</b> Add linkage to squad bench lid to open with one hand only	1.00
SR00077666	<b>Add full upholstery pad - squad bench</b> Add full upholstery pad at foot of squad bench (C3 interior wall)	1.00
SR00077667	<b>3-glove holder on side entry (C2) door</b> 3-glove holder on side entry (C2) door. Comments: NS-ACC-0097	1.00
SR00077668	<b>A-bar w/sharps</b> A-bar w/sharps #model Kendal 8512 RED at head-end of squad bench There shall be a heavy duty 1-1/4 inch diameter Anti-Microbial stainless steel "A" style Grab Bar/Arm Rest mounted at the head of the squad bench. This bar shall have the capacity to be pivoted or removed to allow for placing a long board patient on the squad bench. Redesign sharp support bracket for A-bar to prevent breaking Comments: NS-INT-CS-0084 vs 0090	1.00

### 24-Streetside configuration (STR)

Item Number	Name/Description	Quantity
STR-ACS-23	<b>Flip-Up Door, Tinted Self Latching Sliding Windows</b> Aluminum flip-up frames, self latching for easy restocking of cabinets. Polycarbonate tinted self latching sliding windows.	3.00
STR-MED-12	<b>Medical Cabinet, CPR Bench Seat, Int/Ext Access</b> Medical cabinet with CPR bench seat, the rear lower storage compartment is accessible from the S3 exterior compartment.	1.00
STR-REA-11	<b>CPR Seat, 2-Pt Safety Belt</b> Seating for one EMT with 2-point safety belt.	1.00
SR00077662	<b>ADD cylinder lock (CH751) to Drawer on ALS Stack</b> ADD cylinder lock (CH751) to Drawer on ALS Stack	1.00
SR00077669	<b>Delete padded edge on forward counter</b> Delete padded edge on forward counter (Primary Action Area) and make like rear counter	1.00
SR00077670	<b>Recess sharps container</b> into SS wall under action area (ECC) Replace plastic fasteners for sharp container below ECC by metal	1.00



SR00077672	<b>locking Southco latch to lock Drawer (SC)</b> Use locking Southco latch to lock Drawer (SC) beneath ECC	1.00
SR00077673	<b>pull out drawer on rear side of CPR</b> (2021-03-25) Upgrade charge. (Original) There shall be one (1) pull out drawer on rear side of CPR seating area with a heavy duty aluminium box inside with a hinged cover will accommodate a customer supplied cyber lock. Drawer (SC) to be configured so it cannot be removed without special tools; box inside drawer vs sliding cover. Use C2-Lever Latches w/ CH-751 on drawer face.	1.00

### 25-Forward Bulkhead (FWB)

Item Number	Name/Description	Quantity
FWB-DIV-11	<b>Sliding Door Crawl-Through</b> Crawl-through with sliding door on front division to access to the cab.	1.00
FWB-LFT-11	<b>Corner Cabinet, Streetside, Two Adjustable Shelves</b> Corner cabinet on streetside of front wall. Includes two (2) aluminum extruded doors with see through windows, two (2) adjustable shelves and LED strip lighting.	1.00
FWB-LFT-14	<b>Locking Radio Communication Compartment</b> Lockable compartment on street side for radio communication	1.00
FWB-RGT-11	<b>ALS Cabinet, with Drawer</b> ALS cabinet on curbside of front wall. Includes four (4) aluminum extruded doors with see-through windows, adjustable shelf(s), one (1) drawer at mid-height, LED strip lighting, and inside/outside access via curbside door.	1.00
FWB-RGT-13	<b>Compartment above ALS Cabinet, Lockable</b> Lockable compartment located above the front wall ALS cabinet.	1.00
FWB-RGT-16	<b>See-Through Door, Two Handles</b> Four (4) extruded doors with see through windows and handles	1.00
SR00077684	<b>Add nut-serts for radio-comm panel access</b> Add nut-serts for radio-comm panel access	1.00

### 26-Attendant seat (AST)

Item Number	Name/Description	Quantity
AST-BSE-11	<b>EVS Swivel Seat Base, Two (2) Positions</b> EVS swivel 360 degrees seat base, locking in two (2) positions, forward and rearward positions	1.00
AST-HRS-12	<b>EVS 1880 3Pts Vac-Formed Seamless Child Seat</b> The EVS 1880 is a vac-form, seamless ambulance attendant's seat. Integrated child restraint system that allows uninjured children weighing between 20-65 lbs to be transported in a five point safety harness. When it is not needed, the child-insert can be folded into the seat and allow an adult to use the seat as a standard attendant's seat	1.00

### 27-Cot Configuration (COT)

Item Number	Name/Description	Quantity
COT-ANC-22	<b>Floor Plate for Stryker Performance-LOAD</b> Stryker Performance-Load floor plate. No cot fastener included. Include pre-wiring for charging feature.	1.00
COT-POS-11	<b>Center Floor-Mount Cot Configuration</b> Center floor mount cot configuration	1.00

### 28-Rear Control Panel (CAR)

Item Number	Name/Description	Quantity
CAR-AUX-11	<b>Rocker Switch Controls with LED Backlit Pictograms</b> Auxiliary Rocker switch controls with LED backlit pictograms.	1.00
CAR-CTR-11	<b>Rocker Switch Controls with LED Backlit Pictograms</b>	1.00





Rocker switch controls with LED backlit pictograms.

### 29-Oxygen (OXY)

Item Number	Name/Description	Quantity
OXY-NTW-14	<b>Oxygen Outlets, Four (4)</b> Four (4) oxygen outlets. Two (2) in ECC, one (1) on curbside, and one (1) on the ceiling.	1.00
OXY-OUT-11	<b>Oxygen Outlet, Quick-Connect</b> Quick-connect-style oxygen outlet.	4.00
OXY-REG-12	<b>Oxygen Regulator, Manual, Sensor and Dig. Read-Out</b> Manual oxygen regulator with pressure sensor and digital read-out.	1.00
OXY-REG-13	<b>Oxygen Control Valve, Electronic, Manual By-Pass</b> Electronic oxygen control valve with manual by-pass.	1.00
OXY-SPR-11	<b>Universal Vertical Holder for Main Oxygen Cylinder</b> Universal vertical holder for types "K" or "M" main oxygen cylinder in S1 streetside exterior compartment.	1.00
SR00077674	<b>Main Oxygen</b> RATCHET STRAP AND BUCKLE ASSEMBLY for CYLINDRE O2 (Ziamatic SKU: 3030-135-138) Comments: E404083	1.00

### 31-Suction (SUC)

Item Number	Name/Description	Quantity
SUC-LOC-11	<b>Suction System location in ECC</b> Main suction system is located in front streetside action area.	1.00
SUC-MOT-11	<b>Thomas high flow vacuum pump</b> Thomas high flow vacuum pump	1.00
SUC-OUT-11	<b>Vacuum outlet QD in action area</b> Vacuum outlet QD Puritan with yellow 5/16" hose 4 ft long	1.00
SUC-REG-11	<b>Vacuum regulator with disposable canister</b> Vacuum regulator with disposable canister (Rico RS-4X)	1.00
SR00077675	<b>canister for suction unit</b> replacement bracket and canister for suction unit : Replace with On board suction Wall mount bracket for Bemis 1200cc Hi-Flow Canister Product #484410	1.00

### 32-Electrical System (ELE)

Item Number	Name/Description	Quantity
ELE-ALT-11	<b>Power Inverter, Xantrex Freedom, True Sine, 1000W</b> The inverter/charger provides AC power using the DC power from the conversion battery bank. Recharge all battery banks and power all 120 volts AC outlets when the external shoreline is connected.	1.00
ELE-ALT-14	<b>Super Auto Eject Power Inlet, 20 Amps, Yellow</b> Kusmaull 120 Volts AC, 20 Amps Automatically disconnects shoreline Completely sealed Yellow cover Indicator light	1.00
ELE-ALT-15	<b>Electrical Outlet, 120V AC with Indicator</b> 120V AC hospital-grade electrical outlets with indicator. (Included)	1.00
ELE-CON-13	<b>ACDelco Conversion Batteries</b> Two (2) ACDelco conversion Batteries. (Included)	1.00
ELE-CON-14	<b>Electrical Outlet, 12V DC 20 amp with Indicator</b> 12V DC, 20 amp Duplex electrical outlets. (Included)	1.00
ELE-GES-11	<b>Demers Multiplex Electronic Management System</b> Demers Electronic Management System (DEMS) – Multiplex system. (Included)	1.00
SR00077676	<b>ADDITIONAL (second) 20 A shore line</b> (2021-03-25): Pricing does not include OEM block heater or 110V heater. (Original) ADDITIONAL (second) 20 A shore line w/indicator light to supply OEM BLOCK HEATER and 110v heater	1.00



SR00077679	wire inverter on w/ignition	1.00
	wire inverter on w/ignition	
SR00077680	12 volt outlets wired constant hot	1.00
	all 12 volt outlet ports to be wired constant hot	
SR00077681	Pre-wire 12V for Engel cooler	1.00
	(2021-03-25): Pre-wire only, cooler not included. (Original) Pre-wire 12V for Engel cooler #MD14F behind rear-facing attendant seat	

### 33-Communication System (COM)

Item Number	Name/Description	Quantity
COM-RAD-11	Pre-Wiring for 2-Way Radio, Two (2) Antenna Cables	1.00
	Wiring preparation for two-way radio, with two (2) antenna cables. (routed from front cab to radio communication compartment)	
COM-RAD-14	Radio Communications Compartment	1.00
	Radio communications compartment universal board, Bussmann blade-type fuse panels, and harness to power the radio communication devices. (12V battery feed, ground, ignition)	
COM-RAD-15	Radio Communications Front Console	1.00
	Radio communications front console universal board, Bussmann blade-type fuse panels, and harness.	
COM-REC-11	Data Recorder Available Signals	1.00
	Data recorder available signals through a universal connector in the electrical compartment. (Included)	
SR00077677	Radio Antennas (4)	1.00
	(2021-03-25) Pre-Wiring for 2-Way Radio, Two (2) additional Antenna Cables. Two (2) selected in the configurator. (Original) total of (4) coax	
SR00077682	Radio Comm	1.00
	Install (1) blank in cab console for Motorola XTL-1500 first slot behind siren; prepare opening for Motorola XTL-1500 in ECC (relocate temperature sensor to prevent false reading from radio heat). Run Cat-5 wire from electrical compartment to HVAC return area.	
SR00077683	pre-wire of antenna coax	1.00
	complete pre-wire of antenna coax with roof mounted bases (t.b.d.) and connector for radio end (t.b.d.). (Proliner to supply parts) (Please ensure they are punched through the roof)	

### 34-HVAC (CVC)

Item Number	Name/Description	Quantity
CVC-AUX-12	Dual In-Line condenser 60000 BTU, Front	1.00
	Auxiliary dual in line condenser installed on the front of module - Hoseline 60000 BTU	
CVC-CLD-12	Independant Air Conditioning System	1.00
	The compressor, condensor and evaporator formed an assembly independant of the OEM, cooling the air of the patient compartment through the ducted outlets.	
CVC-DIF-11	Air Conditioning Outlets, Round	1.00
	Round outlets for ducted air conditioning unit. (Included)	
CVC-HOT-11	OEM Tie-In Heating Unit	1.00
	The heating system is an extension of the OEM heating system, heating the patient compartment area trough invisible opening underneath the medical cabinet at floor level. (Included)	
CVC-VNT-13	Exhaust Fans (2)	1.00
	Two (2) exhaust fans for contaminated air. Activated by front control interface or rear console switch. (Included)	
SR00077686	AC lines under hood	1.00

	Inspection point: ensure proper routing of AC lines under hood to prevent burning from engine heat	
SR00077687	reinforcement for AC condensor	1.00
	Increase reinforcement for AC condensor on front wall of module to prevent fatigue near auxiliary AC condensor, and "oil can" noise.	
SR00077688	Add 110V Electric Heater	1.00
	Add 110V Electric Heater installed on SS wall, near rear entry doors; Comments: NS-HVAC-0082	
SR00077689	AC drain hose connection	1.00
	Add inspection point to verify drain hose connection. Hose must be secured properly.	

### 35-Interior Lights (ILG)

Item Number	Name/Description	Quantity
ILG-PLF-11	LED Dome Lights, Adjustable, Dig. Timer	8.00
	The ceiling lights have four (4) different intensities. Each time the ceiling lights button is pushed, the intensity increases, until maximum intensity is reached.	

### 36-Grab Handles (GBR)

Item Number	Name/Description	Quantity
GBR-COL-12	Grab Bars Color, Yellow	1.00
	Color of selected grab bars is Yellow.	
GBR-DRS-11	Rear Door-Mounted Grab Bars, 16" x 16"	1.00
	Two (2) door-mounted grab bars, 16" x 16", inside of rear doors (A1 and A2) (Included)	
GBR-DRS-12	Curbside Door-Mounted Grab Bar, 12"	1.00
	One (1) door-mounted grab bar, 12" each, on the inside of the side entry door (C2). (Included)	
GBR-EMB-11	Embarking Grab Bars, 12"	1.00
	Two (2) entry grab bars, 12" each, mounted inside the patient compartment. One (1) near the curbside entry door, and one (1) near the R2 rear entry door. (Included)	
GBR-PLF-11	Ceiling Grab Rails, 90", Two (2)	1.00
	Two (2) ceiling-mounted grab rails, 90"	

### 37-Finish and Trim (FNS)

Item Number	Name/Description	Quantity
FNS-FLR-11	Lonseal, Lonplate II, Gun metal	1.00
	Lonseal, Lonplate II, Gun Metal floor covering.	
FNS-GRD-11	Cobalt Blue Upholstery	1.00
	Cobalt blue vinyl upholstery for seat and padding covering. (Included)	
FNS-GRD-15	Safety Yellow Upholstery	1.00
	Yellow vinyl upholstery for safety exit padding covering. (Included)	
FNS-MAT-11	Wood Flooring	1.00
	Exterior grade plywood, 0.75 inches thick.	
FNS-PLF-11	Fiberglass Ceiling	1.00
	Fiberglass ceiling in Patient Compartment. (Included)	
FNS-STK-11	General Vehicle Identification	1.00
	Vehicle general labels identification. (Included)	

### 38-Functionality (FCT)

Item Number	Name/Description	Quantity
FCT-PLF-11	Radio Speakers, Recessed, Two (2)	1.00
	Two (2) recessed radio speakers. (Included)	
FCT-PLF-13	IV Hooks, Recessed in Ceiling, Flexible, Four (4)	1.00
	Four (4) recessed flexible IV hooks in ceiling	





FCT-RGT-21	Trash Container, Flip-Down, Hands-Free	1.00
	Trash container bracket in curbside flip-down container.	
FCT-RWR-11	Digital Clock, Driver and Step Indicator Lights	1.00
	Digital clock, rear step indicator light, driver intention indicator lights (direction, braker) located in padding above the rear doors.	



# Specification Summary

Reference: QU00000003363 Rev: 3  
Purchaser: Demers Ambulance USA Inc.  
Contact:  
Address:

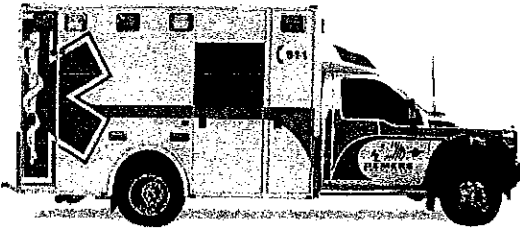
Opportunity: 2021-25 NCPD Contract  
Account Nassau County PD  
Contact: Billy Georgiou  
Shipping  
Address:

USA  
Telephone: 800-363-7591

Currency: USD  
Quotation Date:  
Expiration:

Sales Contact:  
Mobile:  
Phone:

Factory Contact:  
Mobile:

Name	Specifications
Type I - MXP150	Overall Length 285" - 291" (724 cm - 739 cm) Overall Width 95" (241 cm) Overall Height 110" (279 cm)** Headroom 72" (183 cm) Wheelbase 165" - 168" (411 cm - 427 cm)* Payload Capacity Up to 4500 lbs (2041 kg)
	
<p>*Depending on chassis selection  **Total height of vehicle may differ according to chassis and suspension</p>	

## Sales Options by Category

### 10-Base (BAS)

Item Number	Name/Description	Quantity
BAS-PLA-11	TYPE I - MXP150	1.00
	TYPE II - MXP150	
BAS-REG-11	United States	1.00
	Sales Administration Charge	
SR00077623	Customer Drawings	1.00
	Develop current Customer Drawings Comments: Added to the queue	

### 11-Chassis (CH\*)

Item Number	Name/Description	Quantity
BAS-CHA-21	Chassis Model year 2021	1.00
	Chassis Model year 2021	
CHP-FRD-00	Conversion Ford F350/F450 Chassis Cab	1.00
	Conversion Ford F350/F450 Chassis Cab	



<b>CHP-FRD-23</b>	<b>Ford F350XLT Super Duty Diesel Chassis Cab 4X4 169</b> Ford F350XLT Super Duty Diesel Chassis Cab 4X4 169 6.7L POWER STROKE V8 Diesel Engine Wheelbase 169" (4293 mm) GVWR (Gross vehicle weight rating) 13,300 Lbs / 6,033 Kg	1.00
<b>SR00077583</b>	<b>FORD OEM Keyless Entry</b> Chassis to have FORD OEM combination entry on cab doors Comments: Ford option 17V (Adjustable pedals (power), autolock/unlock and keyless entry keypad)	1.00

### 12-Suspension (SUS)

Item Number	Name/Description	Quantity
<b>SUS-LIQ-11</b>	<b>LiquidSpring™ Suspension Type I</b> Compressible Liquid Adaptive Suspension System, is a smart suspension systems. Liquid-based struts and an on-board processor provide better handling and control, and a smoother, softer ride. The reduced vehicle vibration increases comfort.	1.00
<b>SR00077595</b>	<b>Liquid Spring activates with C2</b> Liquid Spring drops and raises with side entry door opening / closing.	1.00
<b>SR00077620</b>	<b>Relocate Liquid Spring cab controller</b> Relocate Liquid Spring cab controller to inside floor console with slack to access via removing cup holder	1.00

### 13-Module (MOD)

Item Number	Name/Description	Quantity
<b>MOD-ALU-15</b>	<b>MXP150 Ambulance Module</b> All Aluminum ambulance module structure, doors structure and accessories (Included)	1.00

### 14-Module Configuration (MCF)

Item Number	Name/Description	Quantity
<b>MCF-CC1-11</b>	<b>C1 Door, ALS Access and Battery Location</b> First door on curbside (C1) for ALS compartment access and battery slide out sealed compartment. (Included)	1.00
<b>MCF-CC2-12</b>	<b>C2, Curbside Entry Door, with Opening Window</b> Side entry door on curbside (C2) for patient compartment access, with flush-mounted, automotive-style opening window.	1.00
<b>MCF-CC3-11</b>	<b>C3 Door, Storage Exterior Compartment</b> Third door on curbside (C3) for backboard or other storage. (Included)	1.00
<b>MCF-CC3-18</b>	<b>Premium Backboard Dividers, Two (2), with Belts</b> Two (2) adjustable Premium backboard dividers, with belts, in C3 compartment.	1.00
<b>MCF-CML-13</b>	<b>4" Diameter Compartment Lights, LED</b> 4" diameter LED Compartment lights. With Side entry Door Steps.	1.00
<b>MCF-RDR-13</b>	<b>A1 and A2, Rear Entry Doors, with Defrost</b> Two (2) rear entry doors for patient compartment access, each with its individual exterior door handle. Includes frameless flush-mounted tinted windows and defrost feature.	1.00
<b>MCF-SS1-11</b>	<b>S1 Door, Main Oxygen Exterior Compartment</b> First door on streetside (S1) for main vertical oxygen cylinder. (Included)	1.00
<b>MCF-SS2-11</b>	<b>S2 Door, Storage Exterior Compartment, Electrical</b> Second door on streetside (S2) for equipment storage. Upper enclosed electrical compartment. MX164/MXP150 (Included)	1.00
<b>MCF-SS2-12</b>	<b>Full-Depth Shelf, One (1), Adjustable</b> One (1) full-depth, adjustable shelf in S2 compartment.	1.00
<b>MCF-SS2-14</b>	<b>Fire Extinguisher, ABC-Rated, 5 lbs, with Bracket</b> Fire extinguisher, 5 lbs, ABC-rated, with heavy duty bracket in S2 compartment.	1.00
<b>MCF-SS2-17</b>	<b>Streamlight Vulcan LED Flashlight</b>	1.00

	Strawlight vertical LED flashlight with charging base mounted in 32 exterior compartment 4405	
MCF-SS3-21	Stair Chair Holder on Compartment Door	1.00
	Stair chair holder on S3 compartment door	
MCF-SS3-25	Half-Depth Shelves, Two (2), Adjustable	1.00
	Two (2) half-depth, adjustable shelves in S3 compartment	
MCF-SS3-26	S3 Compartment, Equipment Storage, Short	1.00
	Third door on street side S3 short for equipment storage	
SR00077607	Stair Chair Storage	1.00
	BE CERTAIN S3 stair chair holder has clearance height to go about the Stryker Star Pro (18") (18x15) stair chair shelf - chair sits too high with dry-docking installed - need to remove S of door will not close	
SR00077617	S3 opening greater than 90deg	1.00
	Change the S3 door strap to allow it to open beyond 90 degrees	
SR00077619	Main Oxygen Position S3	1.00
	Be sure (S3) Main O2 bracket is positioned to rest side leaving more room in compartment for other equipment	

### 15-Lighting (LGT)

Item Number	Name/Description	Quantity
LGT-LSL-12	Turn Signal Arrows, Amber (2), LED	1.00
	Two (2) amber turn signal arrows, intermediate side mount, Whelen 100 series (7 x 3) LED lights, includes 15 degree chroma boxes	
LGT-RSU-11	Third Upper Brake Light, LED	1.00
	Third upper brake light at rear of module, Whelen 100 series (6 x 4) LED light	
LGT-RSL-22	Mid-Height Lights, Arrow, Brake, Reverse	1.00
	Two (4) amber arrows, two (2) red brake lights, and two (2) reverse lights at mid height, Whelen 100 series LED lights (6 x 4)	
LGT-RSL-28	Rear Step Plate, without lighting	1.00
	Rear step plate without lighting	
LGT-TFL-11	Marker Lights, Amber (7) and Red (7), LED	1.00
	Seven (7) front upper center and corner amber LED marker lights, seven (7) rear upper center and corner red LED marker lights	
LGT-TFL-12	Marker Lights, Two (2) rear mid-height red LED	1.00
	Two (2) rear mid-height red LED marker lights	
SR00077573	Grille Warning Lights	1.00
	4 Grille warning lights to flash in Demers pattern alternating X (Top A-B, Bottom B-A). The upper grille warning should be clear not red, bottom stay red (same flash pattern)	
SR00077575	Brake Over-ride	1.00
	Winkler level 900 warning lights to override to brake lights in & out of emergency mode	
SR00077581	Street Side Rear 100 series split	1.00
	Street side rear 100 series warning light on the driver side rear, dual led split red/amber light, BLUE TO REAR	
SR00077593	Single Flash 300 Sync Wire	1.00
	All warning lights (front grille, intersection lights and rear brake lights) have continuous ON output Program to "Single Flash 300" for maximum impact, use sync wire on each light	
SR00077598	Flash light	1.00
	There shall be (1) Whelen emergency red white dash light permanent mount to dash panel for mid panel lighting. Offset amber light toward passenger side as to not block headlight sensor	





SR00077500	Brake Lights Flash	1.00
The lower cluster of brake lights flash with the Amber Turn Signal. Disconnect the Brake from the turn circuit.		
SR00077503	Rear 900 Flash X-pattern	1.00
rear plane 900 series upper corners and window height lights to flash X-pattern		
SR00077514	Rear upper Street Side BLUE	1.00
Rear plane - The 900 series warning light on the driver side rear shall be a blue light		
SR00077516	Rear Upper Center AMBER	1.00
replace upper rear center 900 series brake light with amber light		

### 16 Emergency and Working Lights (EWL)

Part Number	Name/Description	Quantity
EWL-ACC-11	Clear Lenses	1.00
Clear lenses		
EWL-BET-11	Chrome bezels	24.00
Chrome bezels		
EWL-FWD-17	Emergency Lights, Red (3), White (1), Red (3), LED	1.00
seven (7) emergency lights installed on the front of the module. Includes three (3) red, one (1) white, and three (3) red. Whelen 900 series (7 x 9) LED lights.		
EWL-FRL-15	Lights in Front Grille, Red (2), Wig-Wag (2), 900	1.00
Two (2) red and two (2) clear lights in front grille with Wig-Wag flash pattern. Whelen 900 series (5 x 1) LED lights.		
EWL-INT-11	Emergency Lights on Inside of Doors, One (1) each	1.00
One red emergency light on each compartment and entry door inside panel. Total of eight (8) round LED lights.		
EWL-INT-12	Intersection Lights, Clear/Red (2), LED	1.00
Two (2) clear/red intersection lights with turning priority. Whelen 900 series (7 x 3) LED lights.		
EWL-ITS-11	Emergency Lights, Red (2), LED, Inter. Side Mount	1.00
Two (2) red emergency lights intermediate side mount. Whelen 900 series (7 x 3) LED lights.		
EWL-LTS-11	Four (4) red LED lateral emergency lights (900)	1.00
Four (4) red lateral emergency lights (two (2) on each side). Whelen 900 series (7 x 9) LED lights.		
EWL-LTS-17	Scene Lights, Four (4), Clear LED, (900)	1.00
Four (4) lateral scene lights (two (2) on each side). Whelen 900 series (7 x 9) LED scene lights.		
EWL-RER-11	Emergency Lights, Red (2), LED, Rear Corners	1.00
Two (2) red rear emergency lights at upper rear corners. Whelen 900 series (7 x 9) LED lights.		
EWL-RER-12	Emergency Lights, Amber (2), LED	1.00
Two (2) rear upper amber lights. Whelen 900 series (6 x 4) LED lights.		
EWL-REK-15	Loading Lights, Two (2), LED	1.00
Two (2) rear loading lights. Whelen 900 series (6 x 3) LED lights.		
EWL-REK-16	Emergency Lights, Red (2), LED, Adult 1, Window Mt	1.00
Two (2) adult central red lights at window height. Whelen 900 series (7 x 3) LED lights.		
SR00077598	Speaker Lights	1.00
Add (1) Whelen 900 Series RED LED on each vertical side of speaker housings on grille (adult left head on grille lights).		
SR00077622	Secure Wires for lights	1.00
Tie tie all exterior light connections.		

### 17 Audible Warning System (WAW)

Item Number	Name/Description	Quantity
WRN-SUA-11	Back Up Alarm	1.00
	Back up alarm (97dB) with override switch. (Included)	
WRN-LFS-11	Whelen Howler Low Frequency Tone Siren	1.00
	Whelen Howler is a add on to any 100/200 watt siren amplifier. Uses low frequency tones to synchronize with the vehicles primary siren tones. Includes low frequency siren amplifier and speakers.	
WRN-SIR-11	Whelen 295LS Hands-Free Siren	1.00
	Whelen model 295LS siren amplifier with 17 Scan Lock® siren tones.	
WRN-SIR-13	Switch to Mute OEM Horn when Siren Speakers Active	1.00
	Switch to mute the OEM horn when the siren speakers are activated.	
WRN-SPE-11	Whelen SA315 Series Speakers	1.00
	Whelen SA315 series speaker is a compact speaker meeting SAE Class A requirements when paired with Whelen 100 watt siren amplifier.	

#### 18-Exterior Vehicle features (VFT)

Item Number	Name/Description	Quantity
VFT-FUL-11	Quarter Tank Fuel Fill	1.00
	Quarter tank fuel fill.	
VFT-MIR-11	OEM exterior mirrors	1.00
	Feed OEM exterior mirrors.	
VFT-MOP-11	Module Sub Fats, Aluminum	1.00
	Aluminum sub fats on module steps. (Included)	
VFT-MOP-12	Module Corner Protectors, Stainless-Steel	1.00
	Stainless steel protection on module corners. (Included)	
VFT-MOP-13	Module Wheel Trims, Fiberglass	1.00
	Formed fiberglass wheel trimming on module. (Included)	
VFT-MOP-14	Undercoating Protection	1.00
	Undercoating protection for module and chassis. (Included)	
VFT-MOP-15	Rear Wheel Mud Guards	1.00
	Mud guards on module for rear wheels. (Included)	
VFT-PIT-12	Chrome License Plate with Light	1.00
	Recessed chrome license plate holder with LED light.	
VFT-STP-11	Cab Steps, Anti-Skid Material with Mud Guards	1.00
	Anti-skid lateral steps includes mud guards for front wheels. (Included)	
VFT-STP-12	Rear Step Bumper, Retractable Center Section	1.00
	Anti-tilt rear retractable step, Diamond plate corner bumper, Rubber bumpers. (Included)	
SMON77594	rear step bumper switch	1.00
	Use nut and bolt to secure flip up step switch. Reinforce brackets to prevent it from bending.	

#### 19-Convenience (CNV)

Item Number	Name/Description	Quantity
CNV-ACC-13	Unlock Switch in Front Grille	1.00
	The door unlock/vest switch is located on the back of the front grille, on the driver's side half portion of the grille. It allows to unlock all doors of the vehicle, but cannot lock the doors. (Included)	
CNV-ACC-15	Demers Fast Side	1.00
	Demers fast side is generated by the multipass module. It allows fast closing of the curtains by the engine when specific conditions are met. (Included)	
CNV-CAM-11	Black Back Up Camera	1.00
	2016 Defiance standard back up camera with backup audio support and infra red light.	





CNV-LCK-11	vision. <b>Anti-Theft System</b>	1.00
	The anti-theft allows to leave the vehicle with the keys with the engine running to keep the vehicle at the ideal operating temperature. It protects against theft by running off the engine if the vehicle moves. (Included)	
CNV-LCK-12	<b>ECOSMART Anti-Idling System</b>	1.00
	The ECOSMART Anti-Idling System automatically stops the engine and restarts the engine of the vehicle in idling conditions. The ECOSMART Anti-idling System is managed by the Demers Electronic Multiplex System (DEMS).	
SR00077605	<b>Fuel Ring Pre-wire</b>	1.00
	Run a wire (18 AWG 2/C Str CMP Plenum Rated Shielded Sound & Security Cable) from fuel fill to RADIO COMPARTMENT for fuel ring; we will put ends on and connect	
	Comments: Modified from previous ... from fuel fill to RADIO COMPARTMENT	

### 21-Paint and Decals (DEC)

Item Number	Name/Description	Quantity
DEC-PNT-11	<b>Tri-Star Urethane Paint</b>	1.00
	Two (2) coats of primer with two (2) coats of urethane. All four (4) sides and roof. No sanding. No buffing.	

### 22-Drivers Compartment (CAB)

Item Number	Name/Description	Quantity
CAB-CON-11	<b>Floor-Mounted Console with control</b>	1.00
	Floor-mounted console in front cab	
CAB-CON-14	<b>Armrests, Driver and Passenger, Individual</b>	1.00
	Individual driver- and passenger-side armrests on sides of floor-mounted console.	
CAB-CON-15	<b>Cup Holders, Dual, in Floor-Mounted Console</b>	1.00
	Dual cup holders in floor-mounted console.	
CAB-CTR-13	<b>Control Center with Switches and Touch Pad</b>	1.00
	Control center with switches and LED backlit pictograms in the floor mounted console.	
CAB-LGT-11	<b>Cab headliner with Reading Lights, Red/Clear (2)</b>	1.00
	Two (2) clear and red overhead LED reading lights.	
SR00077579	<b>Laptop Storage cab console</b>	1.00
	Add Box for Laptop behind the center console in cab see photo from (F19P-1523)	
SR00077602	<b>Cab Console map bin</b>	1.00
	SINGLE MAP BOX AND BLANK COVER PLATE... MOVE CUP HOLDERS TO REAR-MOST POSITION Front console w / D030528 for MDT mount- design the pole for this Jetto bracket 425-5563 (bracket not included). Console Layout: oem radio/traffic /w pole/radio/radio/scanner Relocate cup holders to the rearmost section of console, radio just in front of cup holders. Comments:	
SR00077610	<b>F19P-1523 NCPD Cab Console</b>	1.00
	Front console w / D030528 for MDT mount- design the pole for this Jetto bracket 425-5563 (bracket not included). Console Layout: oem radio/traffic /w pole/radio/radio/scanner Relocate cup holders to the rearmost section of console, radio just in front of cup holders. Reduce height of MDT pole mount by 3"	
SR00077621	<b>SHIP LOOSE Waste Container</b>	1.00
	Add Waste container / bracket to walk-thru door so on cab side (same as previous orders). Add extra bracket for front console trash can	

### 23-Curbside configuration (CRB)

Item Number	Name/Description	Quantity
CRB-TEC-11	<b>Full-Length Seat Cushion</b>	1.00
	Full-length, thermoformed, molded seat cushion.	
CRB-TEC-13	<b>Ergonomic Seat Backrest with Lumbar Support</b>	3.00



CRB-TEC-17	Individual, ergonomic, thermoformed, molded backrests with lumbar support. <b>Seating, Three (3) Passengers, 2Pts Safety Belts</b>	1.00
	Seating for three (3) passengers with 2-point safety belts. Space for Flip-down and hands-free opening mechanism.	
SR00077576	<b>ADD UPHOLSTERY Squad Bench</b>	1.00
	Add full upholstery pad at foot of squad bench (C3 interior wall)	
SR00077586	<b>3-glove holder on side entry (C2) door</b>	1.00
	3-glove holder on side entry (C2) door. Additional built in glove holder assembly shall be included location shall be determined at preconstruction meeting. Comments: NS-ACC-0097 Modified from previous. Additional built in glove holder assembly shall be included location shall be determined at preconstruction meeting.	
SR00077588	<b>Squad Bench Lid Latch Linkage</b>	1.00
	Add linkage to squad bench lid to open with one hand only	
SR00077601	<b>A-bar w/sharps</b>	1.00
	A-bar w/sharps #model Kendal 8512 RED at head-end of squad bench. There shall be a heavy duty 1-1/4 inch diameter Anti-Microbial stainless steel "A" style Grab Bar/Arm Rest mounted at the head of the squad bench. This bar shall have the capacity to be pivoted or removed to allow for placing a long board patient on the squad bench. Redesign sharp support bracket for A-bar to prevent breaking.	

#### 24-Streetside configuration (STR)

Item Number	Name/Description	Quantity
STR-ACS-23	<b>Flip-Up Door, Tinted Self Latching Sliding Windows</b>	3.00
	Aluminum flip-up frames, self-latching for easy restocking of cabinets. Polycarbonate tinted self-latching sliding windows.	
STR-CRD-14	<b>Technimount Cardiac Monitor Base</b>	1.00
	Technimount cardiac monitor base only.	
STR-MED-11	<b>Medical Cabinet, CPR Bench Seat</b>	1.00
	Medical cabinet with CPR bench seat.	
STR-REA-11	<b>CPR Seat, 2-Pt Safety Belt</b>	1.00
	Seating for one EMT with 2-point safety belt.	
SR00077582	<b>Delete Counter Edge</b>	1.00
	Delete padded edge on forward counter (Primary Action Area) and make like rear counter.	
SR00077592	<b>Recess sharps container into SS wall</b>	1.00
	Recess sharps container into SS wall under action area (ECC). Replace plastic fasteners for sharp container below ECC by metal.	
SR00077606	<b>Locking Southco drawer</b>	1.00
	Use locking Southco latch to lock Drawer (SC) beneath ECC.	
SR00077611	<b>Street Side Drawer rear CPR</b>	1.00
	There shall be one (1) pull out drawer on rear side of CPR seating area with a heavy duty aluminum box inside with a hinged cover will accommodate a customer supplied cyber lock. Drawer (SC) to be configured so it cannot be removed without special tools, box inside drawer vs sliding cover. Use C2 Lever Latches w/ CH-751 on drawer face.	

#### 25-Forward Bulkhead (FWB)

Item Number	Name/Description	Quantity
FWB-DIV-12	<b>Sliding Window Pass-Through</b>	1.00
	Pass-through sliding window on front division for communication with cab.	
FWB-LFT-14	<b>Locking Radio Communication Compartment</b>	1.00
	Lockable compartment on street side for radio communication.	
FWB-RGT-11	<b>ALS Cabinet, with Drawer</b>	1.00
	ALS cabinet on curbside of front wall. Includes four (4) aluminum extruded doors with	





	see-through windows; adjustable shelf(s); one (1) drawer at mid-height; LED strip lighting; and inside/outside access via curbside door.	
<b>FWB-RGT-13</b>	<b>Compartment above ALS Cabinet, Lockable</b>	1.00
	Lockable compartment located above the front wall ALS cabinet.	
<b>FWB-RGT-16</b>	<b>See-Through Door, Two Handles</b>	1.00
	Four (4) extruded doors with see through windows and handles.	
<b>SR00077587</b>	<b>DELETE CN 10 HARDWARE</b>	1.00
	(2021-03-25): IN CONFLICT WITH BID SPECIFICATIONS. Pricing here is for the change in latches. Ten (10) locking Southco latches in the following positions: on the forward bulkhead; one (1) for the radio compartment, one (1) top ASL, four (4) for middle ASL, four (4) for lower ALS. (One for middle drawer requested in separate SR) (Original) NO CN #10 cabinetry hardware; all southco's to be locking. Comments: IN CONFLICT WITH BID SPECIFICATIONS	
<b>SR00077590</b>	<b>Lock ALS Stack drawer</b>	1.00
	ADD cylinder lock (CH751) to Drawer on ALS Stack	

### 26-Attendant seat (AST)

Item Number	Name/Description	Quantity
<b>AST-BSE-11</b>	<b>EVS Swivel Seat Base, Two (2) Positions</b>	1.00
	EVS swivel 360 degrees seat base; locking in two (2) positions, forward and rearward positions.	
<b>AST-HRS-12</b>	<b>EVS 1880 3Pts Vac-Formed Seamless Child Seat</b>	1.00
	The EVS 1880 is a vac-form, seamless ambulance attendant's seat. Integrated child restraint system that allows uninjured children weighing between 20-65 lbs to be transported in a five point safety harness. When it is not needed, the child-insert can be folded into the seat and allow an adult to use the seat as a standard attendant's seat.	

### 27-Cot Configuration (COT)

Item Number	Name/Description	Quantity
<b>COT-ANC-22</b>	<b>Floor Plate for Stryker Performance-LOAD</b>	1.00
	Stryker Performance-Load floor plate. No cot fastener included. Include pre-wiring for charging feature.	
<b>COT-POS-11</b>	<b>Center Floor-Mount Cot Configuration</b>	1.00
	Center floor mount cot configuration	

### 28-Rear Control Panel (CAR)

Item Number	Name/Description	Quantity
<b>CAR-AUX-11</b>	<b>Rocker Switch Controls with LED Backlit Pictograms</b>	1.00
	Auxiliary Rocker switch controls with LED backlit pictograms.	
<b>CAR-CTR-11</b>	<b>Rocker Switch Controls with LED Backlit Pictograms</b>	1.00
	Rocker switch controls with LED backlit pictograms.	

### 29-Oxygen (OXY)

Item Number	Name/Description	Quantity
<b>OXY-NTW-13</b>	<b>Oxygen Outlets, Three (3)</b>	1.00
	Three (3) oxygen outlet, two (2) in ECC, one (1) on curb side.	
<b>OXY-OUT-11</b>	<b>Oxygen Outlet, Quick-Connect</b>	3.00
	Quick-connect-style oxygen outlet.	
<b>OXY-REG-12</b>	<b>Oxygen Regulator, Manual, Sensor and Dig. Read-Out</b>	1.00
	Manual oxygen regulator with pressure sensor and digital read-out.	
<b>OXY-REG-13</b>	<b>Oxygen Control Valve, Electronic, Manual By-Pass</b>	1.00
	Electronic oxygen control valve with manual by-pass.	
<b>OXY-SPR-11</b>	<b>Universal Vertical Holder for Main Oxygen Cylinder</b>	1.00



SR00077615	Universal vertical holder for types "K" or "M" main oxygen cylinder in S1 streetside exterior compartment.	1.00
	<b>Main Oxygen Ratchet Strap</b>	
	RATCHET STRAP AND BUCKLE ASSEMBLY for CYLINDRE O2 (Ziamatic SKU: 3030-135-138)	

### 31-Suction (SUC)

Item Number	Name/Description	Quantity
SUC-LOC-11	<b>Suction System location in ECC</b> Main suction system is located in front streetside action area.	1.00
SUC-MOT-11	<b>Thomas high flow vacuum pump</b> Thomas high flow vacuum pump.	1.00
SUC-OUT-11	<b>Vacuum outlet QD in action area</b> Vacuum outlet QD Puritan with yellow 5/16" hose 4 ft long	1.00
SUC-REG-11	<b>Vacuum regulator with disposable canister</b> Vacuum regulator with disposable canister (Rico RS-4X)	1.00
SR00077624	<b>Suction Canister / Bracket</b> replacement bracket and canister for suction unit - Replace with On board suction Wall mount bracket for Bemis 1200cc Hi-Flow Canister Product #484410	1.00

### 32-Electrical System (ELE)

Item Number	Name/Description	Quantity
ELE-ALT-11	<b>Power Inverter, Xantrex Freedom, True Sine, 1000W</b> The inverter/charger provides AC power using the DC power from the conversion battery bank. Recharge all battery banks and power all 120 volts AC outlets when the external shoreline is connected.	1.00
ELE-ALT-14	<b>Super Auto Eject Power Inlet, 20 Amps, Yellow</b> Kusmaull 120 Volts AC, 20 Amps Automatically disconnects shoreline Completely sealed Yellow cover Indicator light	1.00
ELE-ALT-15	<b>Electrical Outlet, 120V AC with Indicator</b> 120V AC hospital-grade electrical outlets with indicator. (Included)	1.00
ELE-CON-13	<b>ACDelco Conversion Batteries</b> Two (2) ACDelco conversion Batteries. (Included)	1.00
ELE-CON-14	<b>Electrical Outlet, 12V DC 20 amp with Indicator</b> 12V DC, 20 amp Duplex electrical outlets. (Included)	1.00
ELE-GES-11	<b>Demers Multiplex Electronic Management System</b> Demers Electronic Management System (DEMS) – Multiplex system. (Included)	1.00
SR00077574	<b>wire inverter on w/ignition</b> wire inverter on w/ignition	1.00
SR00077581	<b>Pre-wire 12vdc for Engel Cooler</b> Pre-wire 12V for Engel cooler #MD14F behind rear-facing attendant seat	1.00
SR00077599	<b>Additional 20 amp Shoreline</b> ADDITIONAL (second) 20 A shore line w/indicator light to supply OEM BLOCK HEATER and 110v heater	1.00
SR00077612	<b>12 vdc wired constant hot</b> all 12 volt outlet ports to be wired constant hot	1.00
SR00077701	<b>Emergency Starting System</b> Emergency Start System with a high quality molded plug including 2-gauge wire mounted on the front bumper. Vendor must leave service loop at plug receptacle and include one set of 25ft 2/0 cable including one female plug on one end and 800 amp alligator clips on the other end with dust cover. Label: EMERGENCY JUMP START Comments: An Associated Equipment Plug-in jump-start set #6146 shall be provided and installed. The set shall include 800 amp clamps, 4 ft polarized socket box, and 25	1.00





foot 1g cables.

### 33-Communication System (COM)

Item Number	Name/Description	Quantity
COM-RAD-11	<b>Pre-Wiring for 2-Way Radio, Two (2) Antenna Cables</b> Wiring preparation for two-way radio, with two (2) antenna cables. (routed from front cab to radio communication compartment)	1.00
COM-RAD-14	<b>Radio Communications Compartment</b> Radio communications compartment universal board, Bussmann blade-type fuse panels, and harness to power the radio communication devices. (12V battery feed, ground, ignition)	1.00
COM-REC-11	<b>Data Recorder Available Signals</b> Data recorder available signals through a universal connector, in the electrical compartment. (Included)	1.00
SR00077585	<b>Move Howler switch</b> Move Howler switch to the left most side of the switch panel (bottom row left)	1.00
SR00077596	<b>radio panel access</b> Add nut-septs for radio-comm panel access	1.00
SR00077604	<b>Custom radio communication installation</b> Install (1) blank in cab console for Motorola XTL-1500 first slot behind siren; prepare opening for Motorola XTL-1500 in ECC (relocate temperature sensor to prevent false reading from radio heat). Run Cat-5 wire from electrical compartment to HVAC return area.	1.00
SR00077618	<b>Radio Antennas (4)</b> (2021-03-25) Pre-Wiring for 2-Way Radio, Two (2) additional Antenna Cables. Two (2) selected in the configurator. (Original) total of (4) coax	1.00

### 34-HVAC (CVC)

Item Number	Name/Description	Quantity
CVC-AUX-12	<b>Dual In-Line condenser 60000 BTU, Front</b> Auxiliary dual in line condenser installed on the front of module - Hoseline 60000 BTU	1.00
CVC-CLD-12	<b>Independant Air Conditioning System</b> The compressor, condensor and evaporator formed an assembly independant of the OEM; cooling the air of the patient compartment through the ducted outlets.	1.00
CVC-DIF-11	<b>Air Conditioning Outlets, Round</b> Round outlets for ducted air conditioning unit. (Included)	1.00
CVC-HOT-11	<b>OEM Tie-In Heating Unit</b> The heating system is an extension of the OEM heating system; heating the patient compartment area through invisible opening underneath the medical cabinet at floor level. (Included)	1.00
CVC-VNT-13	<b>Exhaust Fans (2)</b> Two (2) exhaust fans for contaminated air. Activated by front control interface or rear console switch. (Included)	1.00
SR00077580	<b>Routing of HVAC hoses</b> Inspection point: ensure proper routing of AC lines under hood to prevent burning from engine heat	1.00
SR00077591	<b>120vac Electric Heater</b> Add 110V Electric Heater installed on SS wall, near rear entry doors; Comments: NS-HVAC-0082	1.00
SR00077613	<b>Reinforce front module wall</b> Increase reinforcement for AC condensor on front wall of module to prevent fatigue near auxiliary AC condensor; and "oil can" noise.	1.00

### 35-Interior Lights (ILG)



Item Number	Name/Description	Quantity
ILG-PLF-11	<b>LED Dome Lights, Adjustable, Dig. Timer</b> The ceiling lights have four (4) different intensities. Each time the ceiling lights button is pushed, the intensity increases, until maximum intensity is reached.	8.00

### 36-Grab Handles (GBR)

Item Number	Name/Description	Quantity
GBR-COL-12	<b>Grab Bars Color, Yellow</b> Color of selected grab bars is Yellow.	1.00
GBR-DRS-11	<b>Rear Door-Mounted Grab Bars, 16" x 16"</b> Two (2) door-mounted grab bars, 16" x 16", inside of rear doors (A1 and A2). (Included)	1.00
GBR-DRS-12	<b>Curbside Door-Mounted Grab Bar, 12"</b> One (1) door-mounted grab bar, 12" each, on the inside of the side entry door (C2). (included)	1.00
GBR-EMB-11	<b>Embarking Grab Bars, 12"</b> Two (2) entry grab bars, 12" each, mounted inside the patient compartment. One (1) near the curbside entry door, and one (1) near the R2 rear entry door. (Included)	1.00
GBR-PLF-11	<b>Ceiling Grab Rails, 90", Two (2)</b> Two (2) ceiling-mounted grab rails, 90"	1.00

### 37-Finish and Trim (FNS)

Item Number	Name/Description	Quantity
FNS-FLR-11	<b>Lonseal, Lonplate II, Gun metal</b> Lonseal, Lonplate II, Gun Metal floor covering.	1.00
FNS-GRD-11	<b>Cobalt Blue Upholstery</b> Cobalt blue vinyl upholstery for seat and padding covering. (Included)	1.00
FNS-GRD-15	<b>Safety Yellow Upholstery</b> Yellow vinyl upholstery for safety exit padding covering. (Included)	1.00
FNS-MAT-11	<b>Wood Flooring</b> Exterior grade plywood, 0.75 inches thick.	1.00
FNS-PLF-11	<b>Fiberglass Ceiling</b> Fiberglass ceiling in Patient Compartment. (Included)	1.00
FNS-STK-11	<b>General Vehicle Identification</b> Vehicle general labels identification. (Included)	1.00

### 38-Functionality (FCT)

Item Number	Name/Description	Quantity
FCT-PLF-11	<b>Radio Speakers, Recessed, Two (2)</b> Two (2) recessed radio speakers. (Included)	1.00
FCT-PLF-13	<b>IV Hooks, Recessed in Ceiling, Flexible, Four (4)</b> Four (4) recessed flexible IV hooks in ceiling.	1.00
FCT-RGT-13	<b>Storage Compartment, Sliding Doors</b> Storage compartment, two (2) cabinets, LED strip lighting, and sliding doors.	1.00
FCT-RGT-21	<b>Trash Container, Flip-Down, Hands-Free</b> Trash container bracket in curbside flip-down container.	1.00
FCT-RWR-11	<b>Digital Clock, Driver and Step Indicator Lights</b> Digital clock, rear step indicator light, driver intention indicator lights (direction, braker) located in padding above the rear doors.	1.00
SR00077709	<b>Hardware parts kit</b> (2021-03-25) Please provide part number or models requested. Pricing estimate, see part / priced below. (Original) ship lose ---2 door ext handles /2 door latches /2 interior compartment handles /misc hardware pack /2 spring latches/2 door hold open pistons /2 door unlock switch /2 sharps containers /2 waste container/6 shelving	1.00





springs kits



# DEMERS AMBULANCES EASY STEPS WARRANTY GUIDE (United States)

## UNDERSTANDING YOUR DEMERS AMBULANCES LIMITED WARRANTIES

Your satisfaction is very important to us.

If you have questions or concerns with your vehicle, please do not hesitate to take the following steps:

1. Contact your Service Advisor at your authorized service center.
2. If the inquiry or concern is not resolved in a reasonable delay, please contact the **Demers Ambulances** Customer Assistance at:

**Demers Ambulances**  
**Customer Assistance Center**  
**1-800-363-7591 (toll free - U.S.)**  
**info@demers-ambulances.com**

### 1. INTRODUCTION

Thank you for buying a **Demers Ambulance**.

When warranty repairs are required, you may take your vehicle to any **Demers Ambulances** authorized service center (see separate sheet for these locations). Please be aware that since certain warranty repairs require specifically trained employees, not all service centers are authorized to perform these warranty repairs. If a particular center cannot assist you, then contact the **Demers Ambulances** Customer Assistance Center at the number shown above.

This guide explains in detail the warranty coverage that apply to your **Demers Ambulances**.

**Demers Ambulances** provides the following Limited Warranties (Hereafter collectively referred to as the "Limited Warranties"):

1. **Modular Body Structure Limited Warranty**
2. **Modular Body Paint Limited Warranty**
3. **Electrical Limited Warranty**
4. **Demers Ambulances Materials/Workmanship Limited Warranty**
5. **OEM Materials/Workmanship assembled by other than Demers Ambulances Limited Warranty**

Chassis Manufacturer provides the New Vehicle Limited Warranty as well as the Federal and California Emissions Defect Warranties and Emissions Performance Warranties.  
Please see the separate Chassis Manufacturer warranty booklet for coverage.

## **2. IMPORTANT INFORMATION YOU SHOULD KNOW:**

### **IF YOU NEED CUSTOMER ASSISTANCE:**

For customer assistance, please follow the procedures outlined in the section 3 of this warranty guide.

### **DEFINITION:**

**Demers Ambulances** refers to legal name Demers Ambulance Manufacturer Inc.

**OEM** refers to Original Equipment Manufacturer

**OWNER** refers to Original purchaser and/or Original license operators

### **KNOW WHEN EACH LIMITED WARRANTY BEGINS AND HOW LONG IT LASTS:**

The **Start Date** for each Limited Warranty is the day the unit is first put into service (requires proper documentation to be filled and returned to **Demers Ambulances**) or the date of invoice, if no in service document was returned to **Demers Ambulances**. Each Limited Warranty lasts for the length of time specified or until the applicable mileage has been met, whichever occurs first.

### **CHECK YOUR VEHICLE:**

If you see any damage when you receive your vehicle, notify your **Demers Ambulances Representative** immediately.

### **MAINTAIN YOUR VEHICLE PROPERLY:**

Your vehicle contains an **Owner's Manual** and a **Recommended Maintenance Schedule** which indicates the scheduled maintenance required for your vehicle. Proper maintenance guards against major repair expenses resulting from neglect or inadequate maintenance.

It is your responsibility to make sure that all of the scheduled maintenances are performed and that the materials used meet applicable engineering specifications. Failure to perform scheduled maintenance as specified in the Service Guide will invalidate warranty coverage on parts affected by that lack of maintenance. Make sure that receipts for completed maintenance work are retained with the vehicle and confirmation of maintenance work is always kept.

### **COVERAGE UNDER THE LIMITED WARRANTIES:**

During a Limited Warranty coverage period, the authorized **Demers Ambulances** service center will repair, replace, or adjust all parts on your vehicle (except specific exclusions as stated in the exclusions section of each Limited Warranty) that are defective in factory-supplied materials or workmanship. Items and conditions that are not covered by the Limited Warranties are stated in each Limited Warranty.

When making warranty repairs on your vehicle, the authorized service center will use new or remanufactured **Demers Ambulances** parts or other parts authorized by **Demers Ambulances**.

### **VEHICLES TO WHICH THE LIMITED WARRANTIES DO APPLY:**

The **Limited Warranties** described in this booklet apply to your vehicle if:

- It was originally registered/licensed in United States and
- It is being operated in United States.

### **LIMITATIONS ON ALL OF YOUR LIMITED WARRANTIES:**

ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THE VEHICLE IS LIMITED TO THE DURATION OF THE APPLICABLE LIMITED WARRANTY. THE PERFORMANCE OF REPAIRS AND NEEDED ADJUSTMENTS ARE THE EXCLUSIVE REMEDIES UNDER ALL THE LIMITED WARRANTIES. **DEMERS AMBULANCES** SHALL NOT BE HELD RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE, SUCH AS LOSS OF TIME, INCONVENIENCE, LOSS OF USE OF THE VEHICLE, LOANER VEHICLES, LODGING, FOOD, TOWING, PERSONAL PROPERTY, OR LOSS OF BUSINESS PROFITS.

The implied warranties are limited (to the extent allowed by law) to the time period covered by the written warranties, or to the applicable time period provided by state law, whichever period is shorter.

Some state do not allow **Demers Ambulances** to limit how long an implied warranty may last, or to exclude or limit incidental or consequential damages, so the limitation and exclusions described above may not apply to you.

#### **NOTE**

This information about the limitation of implied warranties and the exclusion of incidental and consequential damages is applicable to all the Limited Warranties.

Your Limited Warranties give you specific legal rights. You may have other rights that vary from state to state. The Limited Warranties are the only express warranties from **Demers Ambulances** applicable to your vehicle. **Demers Ambulances** does not authorize anyone to assume any other obligation or liability in connection with your vehicle or the Limited Warranties.

**Demers Ambulances** reserves the unrestricted right at any time, and from time to time, to make changes in design of and/or improvements on its products without thereby imposing any obligation upon itself to make corresponding changes or improvements in or on its products theretofore manufactured.

### **WHAT IS NOT COVERED UNDER ANY OF THE LIMITED WARRANTIES:**

#### **Damage Caused By:**

- Abuse, negligence or unapproved alteration of original parts
- Damage from accidents
- Proven failure of a third party, certified or not by Demers Ambulances to make repairs, to adhere to comprehensively detailed remount instruction of the proponent that results in any impairment is also exempted.
- Collision or objects striking the vehicle
- Theft, vandalism, or riot
- Fire or explosion
- Freezing
- Misusing the vehicle, such as driving over curbs, overloading
- Altering or modifying the vehicle – including the engine, body, chassis, or components – after the vehicle leaves **Demers Ambulances'** control
- Non-**Demers Ambulances** approved parts installed after the vehicle leaves **Demers Ambulances'** control. For example, but not limited to, cellular phones, alarm systems, and automatic starting systems
- Tampering with the vehicle
- Disconnecting or altering the odometer or allowing the odometer to be inoperative for an extended period of time with the result that the actual mileage cannot be determined
- Using contaminated or improper fuel/fluids
- Customer-applied chemicals or accidental spills
- Driving through water deep enough to cause water to be ingested into the engine

**Damaged Caused by Use and/or the Environment**

Your Limited Warranties do not cover surface corrosion and deterioration that result from use and/or exposure to the elements. Here are examples:

- Stone chips, scratches (some examples are on paint and glass)
- Dings, dents
- Cuts, burns, punctures or tears
- Road salt, tree sap
- Bird and bee droppings
- Lightning, hail
- Windstorm
- Earthquake
- Water or flood

**Damaged Caused by Improper Maintenance**

Your Limited Warranties do not cover damage caused by failure to maintain the vehicle, improperly maintaining the vehicle, or using the wrong part, fuel, oil, lubricants, or fluids. See the **Owner's Manual** for correct fluid types and levels, and consult the **Recommended Maintenance Schedule** for proper ways to maintain your vehicle.

**Maintenance/Wear**

Your Limited Warranties do not cover: (1) parts and labor needed to maintain the vehicle; and (2) the replacement of parts due to normal wear and tear. You, as the owner, are responsible for these items. Examples are:

- Oil changes
- Oils, lubricants, other fluids
- Oil/air filters
- Brake linings/pads or adjustments
- Tire rotation
- Cleaning/polishing
- Wiper blades
- Clutch linings or adjustments
- Engine tune-up
- Batteries
- Bulbs
- Belts
- Hoses

**Other Items and Conditions Not Covered**

Your Limited Warranties also do not cover:

- Vehicles that have ever been labeled or branded as "dismantled", "fire", "flood", "junk", "rebuilt", "reconstructed", or "salvaged"; this will void the Limited Warranties
- Vehicles that have been determined to be a "total loss" by an insurance company; this will void the Limited Warranties
- Tires, wheel alignment and tire balancing.
- Adjustments as part of normal preventive maintenance such as hinges / door latches and hardware
- Components and installations other than those specified and approved by **Demers Ambulances**
- Batteries; batteries are covered by their respective OEM manufacturer.
- Programs, updates and/or software used by and for upgrade of equipment such as, but not limited to: GPS, AVL, Data recorder, mapping system, driver behavior, etc. Support and Warranty coverage beyond that of Demers Ambulances, for such equipment is to be provided by their Original Equipment Manufacturer.

### 3. STEPS YOU MUST FOLLOW IN ORDER TO OBTAIN WARRANTY SERVICE

To obtain warranty service, you must:

1. First contact the authorized **DEMERS AMBULANCES DEALER** from whom you purchased your vehicle, or contact a **Demers Ambulances** Warranty Service Representative directly:

**1-800-363-7591 (toll free - U.S.)**  
**info@demers-ambulances.com**

- Have all pertinent information ready for the representative (using warranty claim form), including:
  - Vehicle make and model (Ford E350, GM Express, etc.);
  - **Demers Ambulances** model (MX164; MX170; EXE : LT2E : etc.);
  - **Demers Ambulances** stock number (located in the driver B pillar);
  - VIN (Vehicle Identification Number);
  - Date of delivery;
  - In Service Date;
  - Current mileage;
  - And any other pertinent information associated with the purchase of your ambulance.
- 2. To be eligible for any warranty service, you or your dealer (whichever applies) must send the warranty claim form (via fax; email or regular mail) found in your Owner's Manual with the proper information within 30 days of failure.
- 3. Your warranty replacement parts will be sent as soon as possible. Defective parts must be returned to your **Demers Ambulances DEALER** within 30 days of shipment of the replacement part. If the defective part is received within the required 30 day period, and is confirmed as being defective by **Demers Ambulances** technical personnel, there will be no charge to you. **Demers Ambulances will cover parts repair and shipping.**

#### NOTE

If the claimed defective part or the claim form is not received by your **Demers Ambulances DEALER** within 30 days of shipment of the warranty replacement part, or if the part is determined not to be defective, your **Demers Ambulances DEALER** will invoice you for the entire cost, plus shipping and handling, for the replacement part. It is your responsibility to return the claimed defective part to your **Demers Ambulances DEALER** within 30 days of receipt of the replacement part in order to avoid being invoiced for the replacement part.

4. All approved warranty work must be completed by a **Demers Ambulances** authorized service center.
5. You or Your dealer need to obtain authorization from **Demers Ambulances** for any work to be completed. Please do not take it upon yourself to make arrangements for the completion of warranty work. By doing so, and without the appropriate approval from a **Demers Ambulances** Warranty Service representative, you may VOID your warranty and/or be responsible for the total cost of the service repair. All warranty invoice should be submit 90 days maximum after authorization date.
6. If you have any questions concerning **Demers Ambulances'** warranty policies, please contact a **Demers Ambulances** Warranty Service representative.





# DEMERS AMBULANCES LIMITED WARRANTIES

## 1. MODULAR BODY STRUCTURE LIMITED LIFETIME WARRANTY

### WHAT IS COVERED?

Demers Ambulances hereby warrants to each original owner of a **Demers Ambulance** that, under normal use and service, each new **Demers Ambulances Modular Body Structure** (exclusive of paint finish, hardware, mouldings, windows and other components and accessories) shall be structurally sound and free of all structural defects of both material and workmanship, under normal use and service and further warrants that it will maintain such structural integrity for a period of **TWENTY FIVE (25) YEARS**. The obligations of **Demers Ambulances** under this warranty is limited to repairing and replacing, at its sole discretion, any component as a whole or any part related to the **Modular Body Structure**. Parts may be replaced with refurbished parts of like kind and quantity. Thereof which shall be returned with transportation charges prepaid to an authorized **Demers Ambulances** Service Center or dealer, and which examination shall disclose to have been defective, except as hereinafter provided. Service will be provided during normal business hours.

In the event that a modular body remount by the original owner is performed prior to the expiration of the original **Modular Body Structure Limited Warranty**, **The Modular Body Structure Limited Warranty** shall remain in effect provided the remount work is completed by **Demers Ambulances** personnel or a facility approved by **Demers Ambulances**.

Should repairs become necessary under the term of this warranty, the extent of that repair shall be determined solely by **Demers Ambulances** and shall be performed solely by **Demers Ambulances** or a repair facility designated by **Demers Ambulances**.

This warranty is conditioned upon:

- normal use and proper maintenance of such modular body;
- prompt written notice of any defects submitted to **Demers Ambulances** or one of its authorized dealers in the area;
- no alteration or additions to the modular structure except by **Demers Ambulances** or authorized by it;

If any of such conditions are not complied with, this warranty shall become void and unenforceable.

### WHAT IS NOT COVERED?

The following items are specifically excluded from the **Demers Ambulances** Modular Body Structure Limited Warranty:

- All paint, striping, hardware, hinges, latches, mouldings, windows, appointments and accessories;
- Any and all structural damage resulting from any form of accident or operator negligence.
- Any and all structural damage resulting from unmaintained galvanic corrosion.
- Any and all structural damage resulting from unmaintained oxidation.
- The expense of any transportation to or from a repair facility.
- Any defect resulting from misuse, negligence, accident, remounting, overloading beyond applicable weight rating by customer or third parties.

## **2. MODULAR BODY PAINT LIMITED WARRANTY 5 YEARS / 180 000 MILES**

### **WHAT IS COVERED?**

Demers Ambulances hereby warrants to each original owner of a Demers Ambulance, that under normal use and service, each new Demers Ambulances Modular Body Paintwork provided by Demers Ambulances or a Demers Ambulances **PAINT & COATING ACCREDITED MANUFACTURER and/or SERVICE SUPPLIER** shall be free from defects of both material and workmanship, and further warrants that it will maintain such integrity for a period of **FIVE (5) YEARS or 180 000 miles**, whichever occurs first. The obligations of Demers Ambulances under this warranty is limited to repairing and replacing, at its sole discretion, any component as a whole or any part related to the Demers Ambulances Modular Body Paintwork. Parts may be replaced with refurbished parts of like kind and quantity. Thereof which shall be returned with transportation charges prepaid to an authorized Demers Ambulances service center or dealer, and which examination shall disclose to have been defective except as hereinafter provided. Service will be provided during normal business hours.

The following paint failures are covered:

- Peeling or delaminating of the topcoat and/or other layers of paint
- Cracking or checking
- Loss of gloss caused by cracking, checking, and hazing
- Any paint failure caused by defective paint or paint curing process at Demers Ambulances or Demers Ambulances Accredited paint service supplier.

### **WHAT IS NOT COVERED?**

The following items are specifically excluded from the Demers Ambulances Modular Body Paint Limited Warranty:

- Hazing, chalking, or loss of gloss caused by improper care, abrasive polishes, cleaning agents, heavy duty pressure washing, or aggressive mechanical wash systems
- Paint deterioration caused by abuse, accidents, acid rain, chemical fallout or acts of nature
- Accidents, scratches, chips, bruises, and gloss reduction due to normal vehicle use and maintenance
- Custom finishes, exotic finishes or any other finish than standard refinish procedure
- Failures resulting from product misuse or abuse
- Repairs done to previously refinished areas unless stripped to bare metal or appropriate substrate
- Failures on finishes performed by Non-Demers Ambulances Service Center
- Paint failures resulting from improper application of striping, tapes, decals or custom painted designs / numerals.
- Defects resulting from normal and customary wear as a result of operating the vehicle.
- The expense of any transportation to or from a repair facility.

Should repairs become necessary under the term of this warranty, the extent of that repair shall be determined solely by Demers Ambulances and shall be performed by Demers Ambulances or a repair facility designated by Demers Ambulances.

### **3. ELECTRICAL LIMITED WARRANTY 5 YEARS / 180 000 MILES**

#### **WHAT IS COVERED?**

**Demers Ambulances** hereby warrants to each original owner of a **Demers Ambulance** that, under normal use and service, each new **Demers Ambulances Electrical System** shall be free from defects of both materials and workmanship, and further warrants that it will maintain such integrity for a period of **FIVE (5) YEARS or 180 000 MILES**, whichever occurs first. The obligations of **Demers Ambulances** under this warranty is limited to repairing and replacing, at its sole discretion, any component as a whole or any part related to the **Demers Ambulances Electrical System**. Parts may be replaced with refurbished parts of like kind and quantity. Thereof which shall be returned with transportation charges prepaid to an authorized **Demers Ambulances** service center or dealer, and which examination shall disclose to have been defective except as hereinafter provided. Service will be provided during normal business hours.

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by **Demers Ambulances** and shall be performed solely by **Demers Ambulances** or a repair facility designated by **Demers Ambulances**.

Items specifically covered under the **Demers Ambulances** Electrical Warranty include:

- Electrical harnesses and harness installation
- Printed circuit board(s)
- Switches, timers, outlets
- Circuit breakers and relays
- Shoreline

#### **WHAT IS NOT COVERED?**

The following items are specifically excluded from the **DEMERS** Ambulances Electrical Limited Warranty:

- OEM electrical systems and components
- Equipment not manufactured by **DEMERS** Ambulances but which are installed by **DEMERS** Ambulances personnel. These items include, but are not limited to, the following: battery chargers; sirens; inverters; light bars and similar OEM equipment. These excluded items are typically covered by separate warranties supplied by **DEMERS** Ambulances and/or the OEM manufacturer of the component.
- Periodic tightening and cleaning of connection terminals as this is considered routine maintenance
- Defects arising from abuse, accident, negligence or unapproved alteration of original parts or systems.
- The expense of any transportation to or from a repair facility.

**DEMERS AMBULANCES MATERIALS AND WORKMANSHIP  
LIMITED WARRANTY  
5 YEARS / 180 000 MILES**

**WHAT IS COVERED?**

**Demers Ambulances** hereby warrants to each original owner of a **Demers Ambulance** that, under normal use and service, each new **Demers Ambulances Materials and Workmanship**, shall be free from defects and further warrants that it will maintain such integrity for a period of **FIVE (5) YEARS or 180 000 MILES**, whichever occurs first. The obligations of **Demers Ambulances** under this warranty is limited to repairing and replacing, at its sole discretion, any part or materials related to the **Demers Ambulances Supplied Parts and Materials**. Parts may be replaced with refurbished parts of like kind and quantity. Thereof which shall be returned with transportation charges prepaid to an authorized **Demers Ambulances** distributor or dealer, and which examination shall disclose to have been defective except as hereinafter provided. Service will be provided during normal business hours.

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by **Demers Ambulances** and shall be performed solely by **Demers Ambulances** or a repair facility designated by **Demers Ambulances**.

**WHAT IS NOT COVERED?**

The following items are specifically excluded from the **Demers Ambulances** Features Limited Warranty:

- Chassis, OEM body structure, engine, interior or any other items supplied by chassis manufacturer (see chassis manufacturer's warranties)
- Any required maintenance adjustment, general tightening or headlamps adjustments
- Normal wear, or defects arising from abuse, accident, negligence or unapproved alteration of original parts or systems.
- The expense of any transportation to or from a repair facility.

#### **4. OEM MATERIALS AND WORKMANSHIP ORIGINALLY ASSEMBLED BY OTHER THAN DEMERS AMBULANCES LIMITED WARRANTY 2 YEARS / 75 000 MILES**

##### **WHAT IS COVERED?**

**Demers Ambulances** hereby warrants to each original owner of a **Demers Ambulances** body that, under normal use and service, each new **OEM Materials And Workmanship Originally Assembled By OTHER Than Demers Ambulances**, shall be free from defects and further warrants that it will maintain such integrity for a period of **TWO (2) YEARS or 75 000 MILES**, whichever occurs first. The obligations of **Demers Ambulances** under this warranty is limited to repairing and replacing, at its sole discretion, any component as a whole or any part related to the **OEM Parts And Materials originally assembled by OTHER than Demers Ambulances**. Parts may be replaced with refurbished parts of like kind and quantity. Thereof which shall be returned with transportation charges prepaid to an authorized **Demers Ambulances** distributor or dealer, and which examination shall disclose to have been defective except as hereinafter provided. Service will be provided during normal business hours.

These items include, but are not limited to, the following: battery chargers; sirens; inverters; light bars; fluorescent ballasts; door handles & latches; gas cylinders; laptops; laptop mounts; docking stations; actuators and similar OEM equipment. These items are typically covered by separate warranties supplied by the OEM manufacturer of the component. When necessary, **Demers Ambulances** Customer Assistance personnel will assist you in pursuing warranty assistance with the OEM manufacturers of these components, should their stated warranty be in excess of the basic **Demers Ambulances** warranty

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by **Demers Ambulances** and shall be performed solely by **Demers Ambulances** or a repair facility designated by **Demers Ambulances**.

##### **WHAT IS NOT COVERED?**

The following items are specifically excluded from the **Demers Ambulances** Features Limited Warranty :

- Chassis, OEM body structure, engine, interior or any other items supplied by chassis manufacturer (see chassis manufacturer's warranties)
- Any required maintenance adjustment, general tightening or headlamps adjustments
- Normal wear, or defects arising from abuse, accident, negligence or unapproved alteration of original parts.
- The expense of any transportation to or from a repair facility.



# DEMERS AMBULANCES

## RECEIPT AND ACKNOWLEDGMENT OF LIMITED WARRANTIES DELAY WARRANTY REGISTRATION

The undersigned acknowledges receipt and understanding of DEMERS AMBULANCES Modular Body Structure Limited Warranty, Modular Body Paint Limited Warranty, Electrical Limited Warranty, Demers Ambulances Materials And Workmanship Limited Warranty and OEM Materials And Workmanship Originally Assembled By Other Than Demers Ambulances Limited Warranty. These Limited Warranties have been reviewed in detail and I understand the policies and procedures outlined in each warranty.

Accepted and agreed to this day of \_\_\_\_\_.

### OWNER INFORMATION

Name : \_\_\_\_\_

Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

Representative Name : \_\_\_\_\_

Representative Email Address: \_\_\_\_\_

Representative Signature : \_\_\_\_\_

### DEALERSHIP INFORMATION

Name : \_\_\_\_\_

Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

Dealership Representative : \_\_\_\_\_

Representative Email Address: \_\_\_\_\_

Dealership Signature : \_\_\_\_\_

### VEHICLE INFORMATION

Vehicle Identification Number (VIN): \_\_\_\_\_

Demers Ambulance Vehicle Stock Number: \_\_\_\_\_

Date of delivery: \_\_\_\_\_


Mileage on the vehicle at date of delivery: \_\_\_\_\_

**WARRANTY SHOULD BE ACTIVATED WITHIN 24HRS OF DELIVERY**

Please fill and return to:

Fax.: 450-467-6526 or [dehatele@demers-ambulances.com](mailto:dehatele@demers-ambulances.com)



	Warranty claim form		F-5.02e
			Rev. : 1

1	Vehicle serial number (V.I.N) (Number on dash, driver's side)	
---	---	--

2	Fleet unit number		3	Demers stock number	
---	-------------------	--	---	---------------------	--

4	Date in service (YY/MM/DD)		5	Milles / Miles	
---	----------------------------	--	---	----------------	--

6	Date of failure (YY/MM/DD)		7	Date of warranty claim	
---	----------------------------	--	---	------------------------	--

8	Description of the issue

9	Cause(s) of the issue

10	Corrective(s) action(s)

11	Estimated repair time	
----	-----------------------	--

12	Claim requested by		13	Invoice N°	
----	--------------------	--	----	------------	--

14	Billing address	15	Shipping address
Phone:		Phone:	

Part N°	QTY	DESCRIPTION

<b>DEMERS RESERVED SECTION</b>	
1. Warranty claim authorization no. :	
2. Time allowed for repairs :	
3. Warranty claim authorization date :	

CPQ quote:

QUO0000003363 Rev: 0

Date & revision:

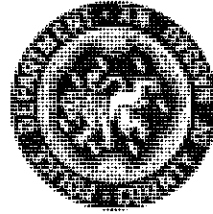
2021-03-25 rev.0

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Streetside exterior .....	page 4
Front & rear exterior .....	page 5
Curbside interior wall .....	page 6
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## DISCLAIMERS

Demers makes every effort to maintain the accuracy and quality of the information provided in these drawings. However, Demers cannot guarantee and assumes no legal liability or responsibility for the accuracy or completeness of the information provided. The information contained in these drawings is for general guidance only. You should always develop your quote and send to Demers for engineering validation to the feasibility of the custom options according to the specific configuration required by the customer.

Should there be any discrepancies between the CPQ configurator, the CPQ quote or sale sheet and these drawings, the CPQ configurator, the CPQ quote or sale sheet will take precedence. These drawings are subject to change by engineering during the construction process of the vehicle. Dimensional data for information only. The copyright of all content in these drawings is owned by Demers and/or the various manufacturers of our equipment. These drawings in part or whole cannot be changed, reproduced, stored in or transmitted onto any website or social media without the prior written consent from Demers.

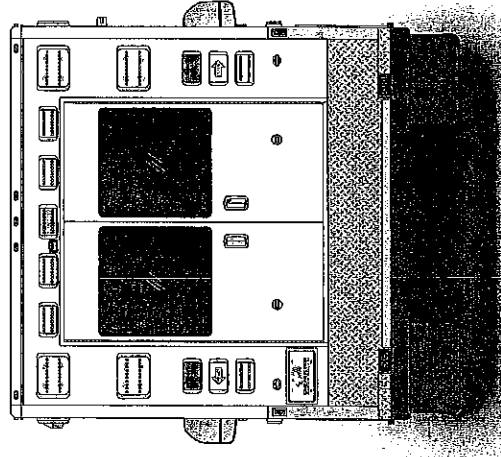
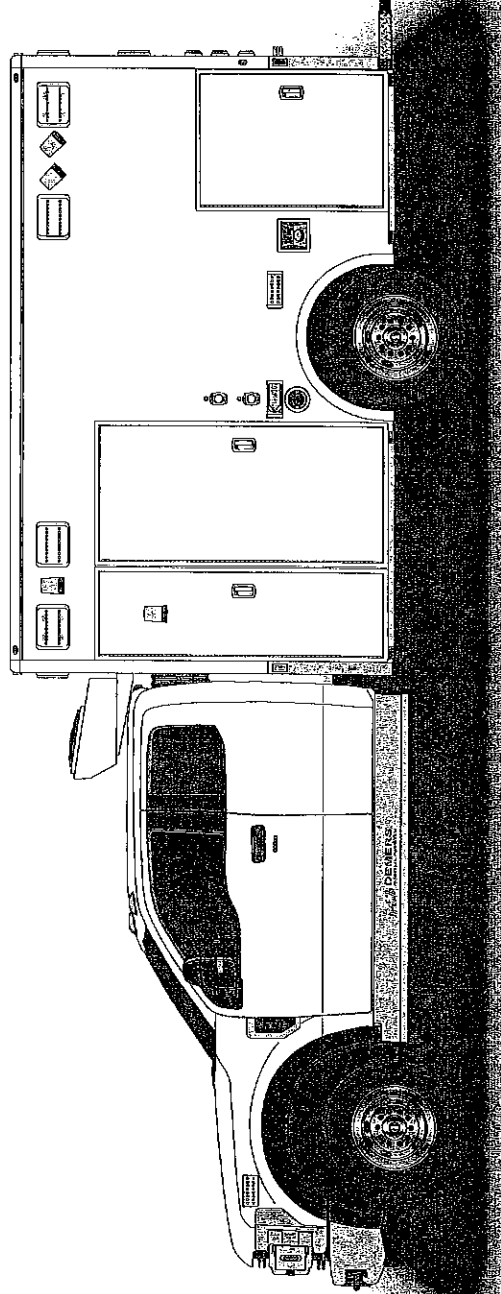
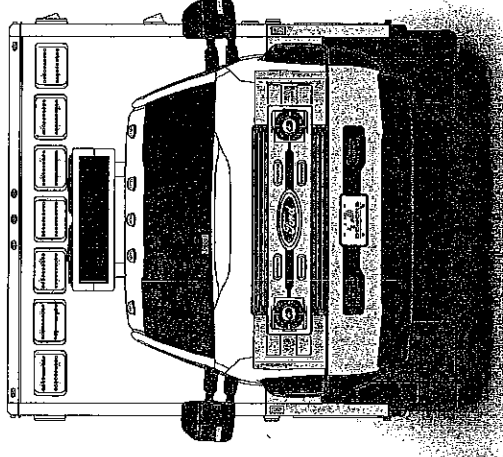
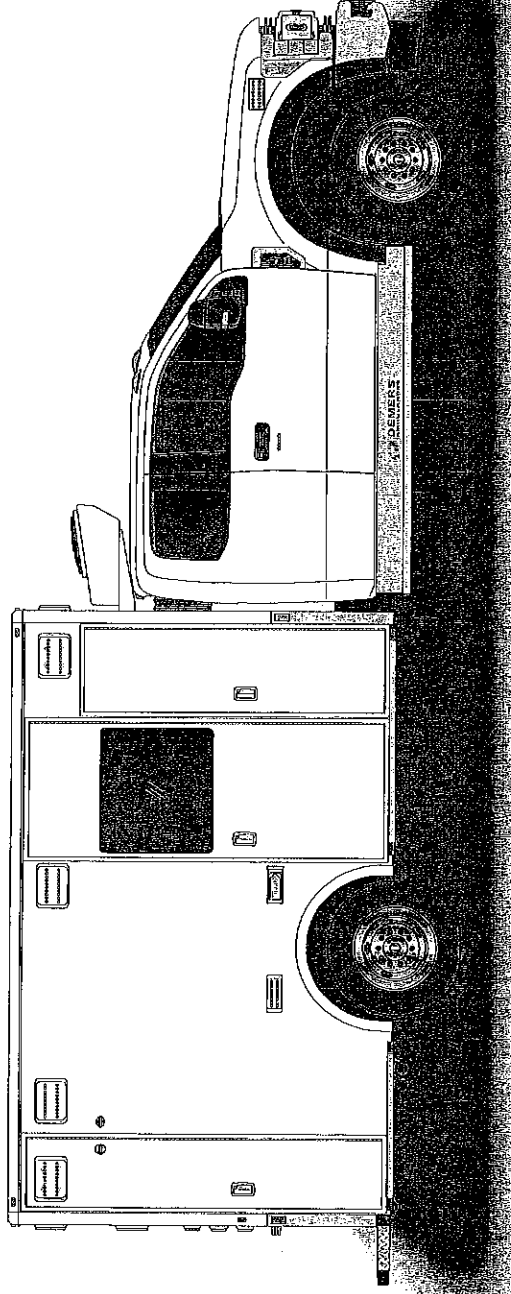


# MXPI150E - Ford F450 Supercab

## Nassau County Police Department, NY

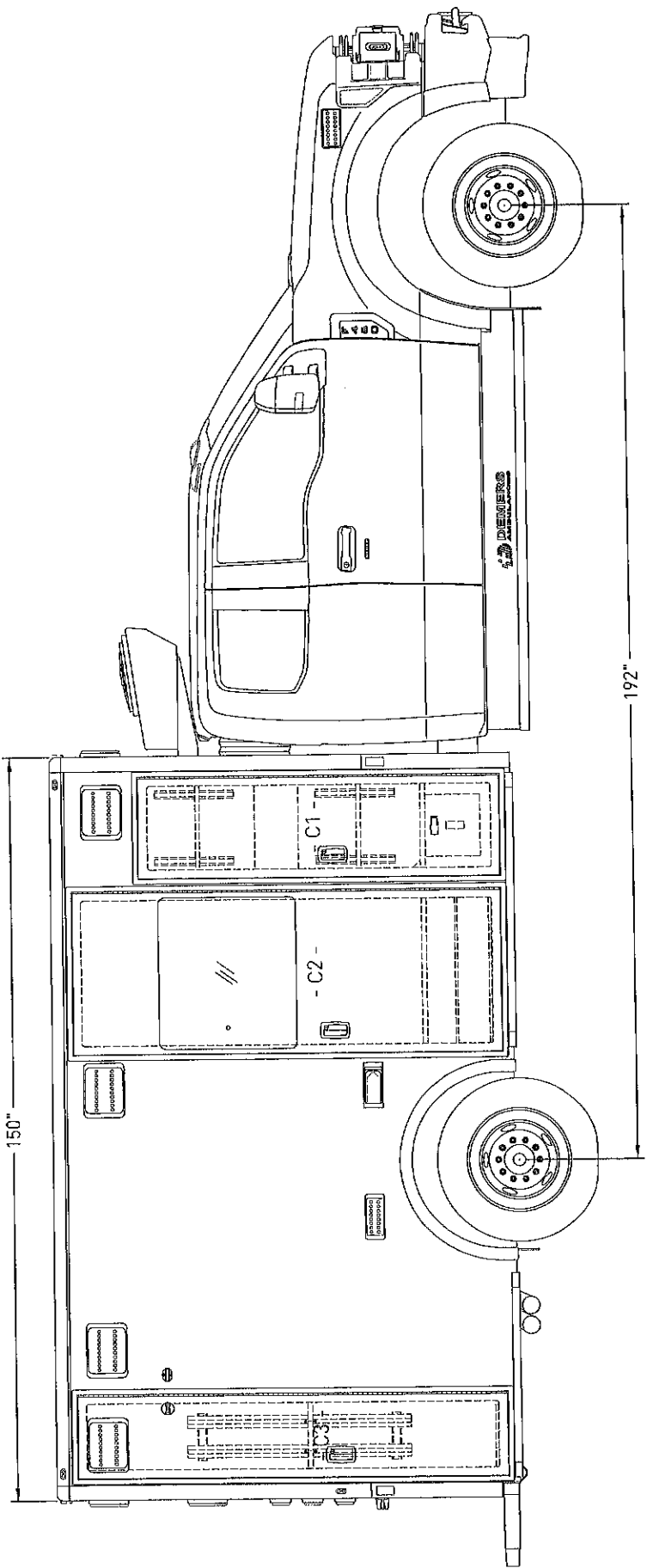
# General exterior

Date: 12-03-25 rev.0  
Scale: 1/4" = 1'-0"  
Draftman: TT



# Curlside exterior

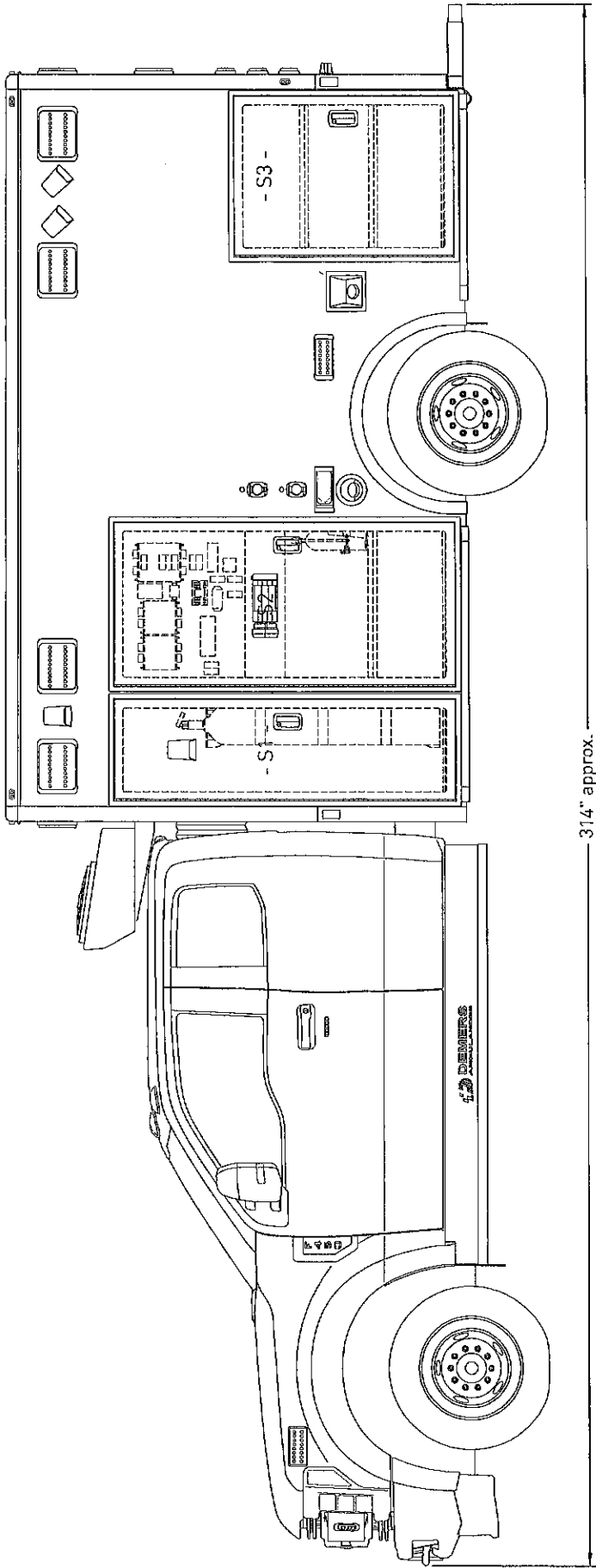
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Scale: 1:32  
Draftman: TT



Compartment	Opening L x H	Interior dimensions L x H x D
C1	16.75" x 55.75"	19.25" x 57.00" x 31.50"
C2	29.25" x 82.75"	-
C3	13.25" x 82.75"	16.75" x 84.25" x 18.50"

# Streetside exterior

Date: 21-03-25 rev:0  
Scale: 1:32  
Draftman: TT

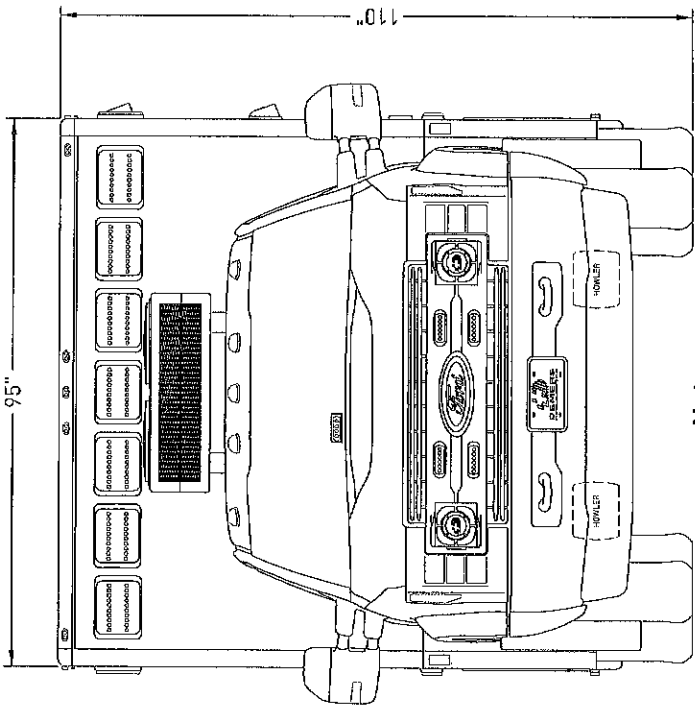


314" approx.

Compartment	Opening L x H	Interior dimensions L x H x D
S1	16.75" x 65.25"	20.50" x 65.00" x 18.00"
S2	29.25" x 65.25"	32.00" x 40.50" x 13.50"
S3	28.50" x 40.75"	33.25" x 42.00" x 17.50"

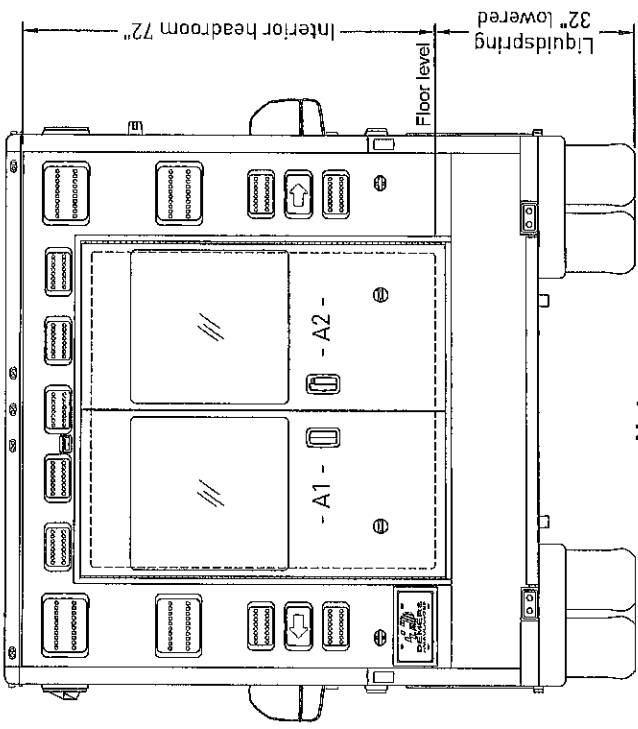
Front & rear exterior

Date: 3/21-03-25 rev.0  
Scale: 1/32  
Draftman: TT



Note

The total height of the vehicle can be different according to chassis and suspensions



Note

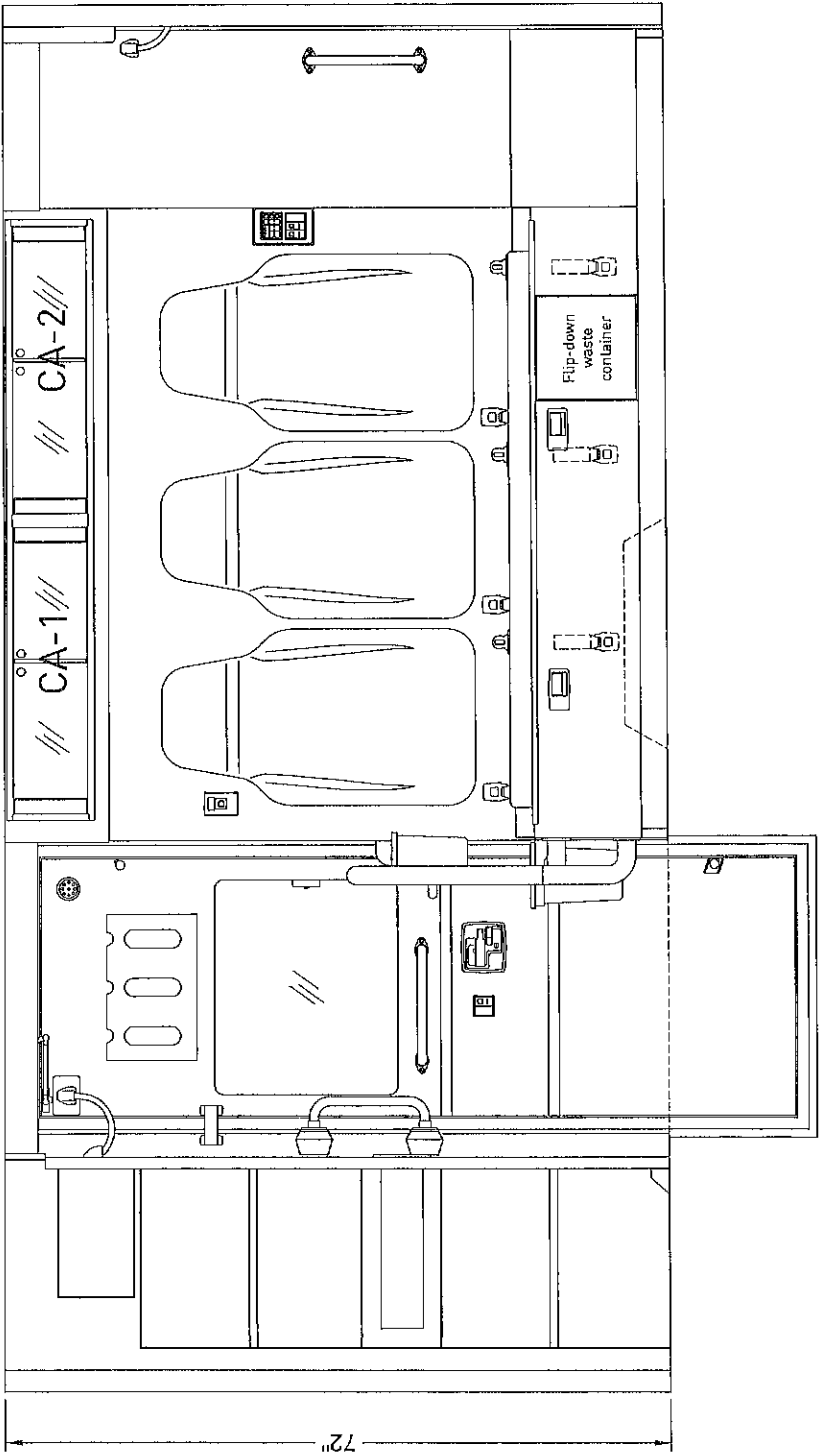
The rear loading height of the vehicle can be different according to chassis and suspensions

Compartment	Opening L x H	Interior dimensions L x H x D
A1 & A2	54.50" x 59.75"	-



# Cur'side interior wall

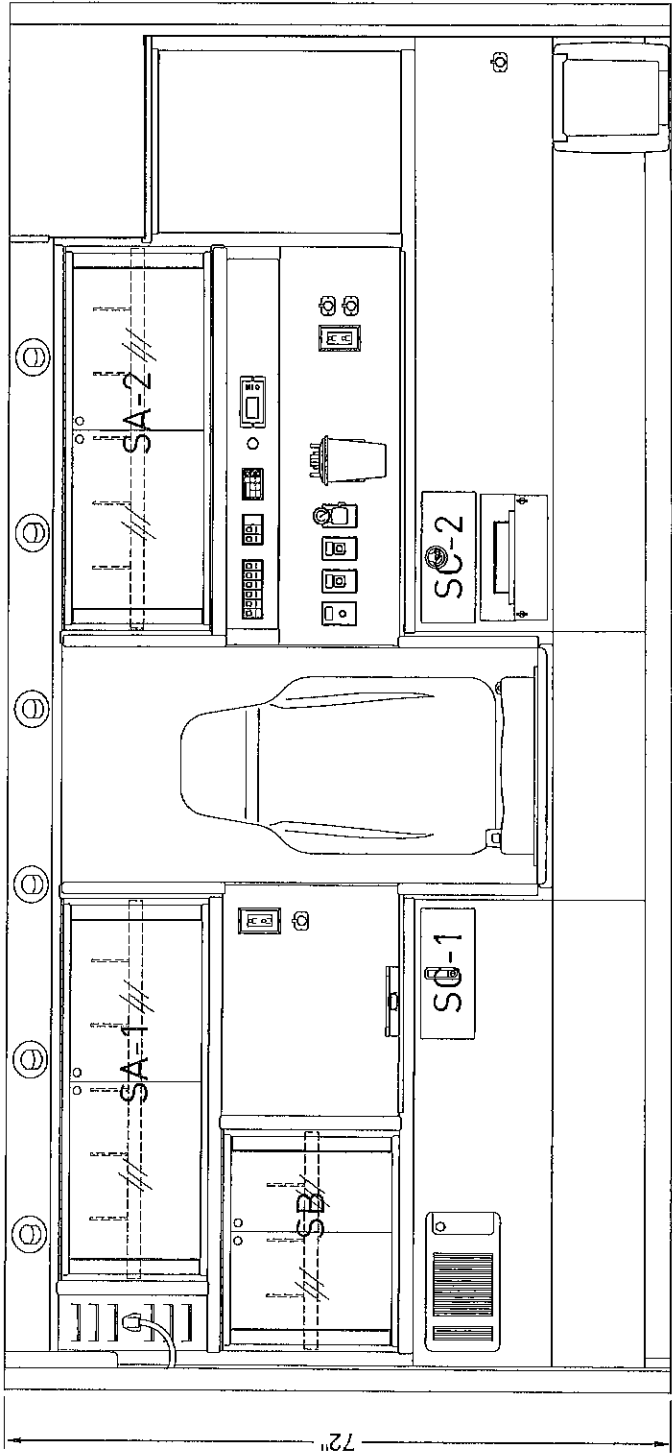
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Scale: 1/20  
Draftman: TT



Compartment	Opening L x H	Interior dimensions L x H x D
Storage cabinet - CA-	31.00" x 8.00"	32.25" x 9.50" x 8.50"

Streetside interior wall

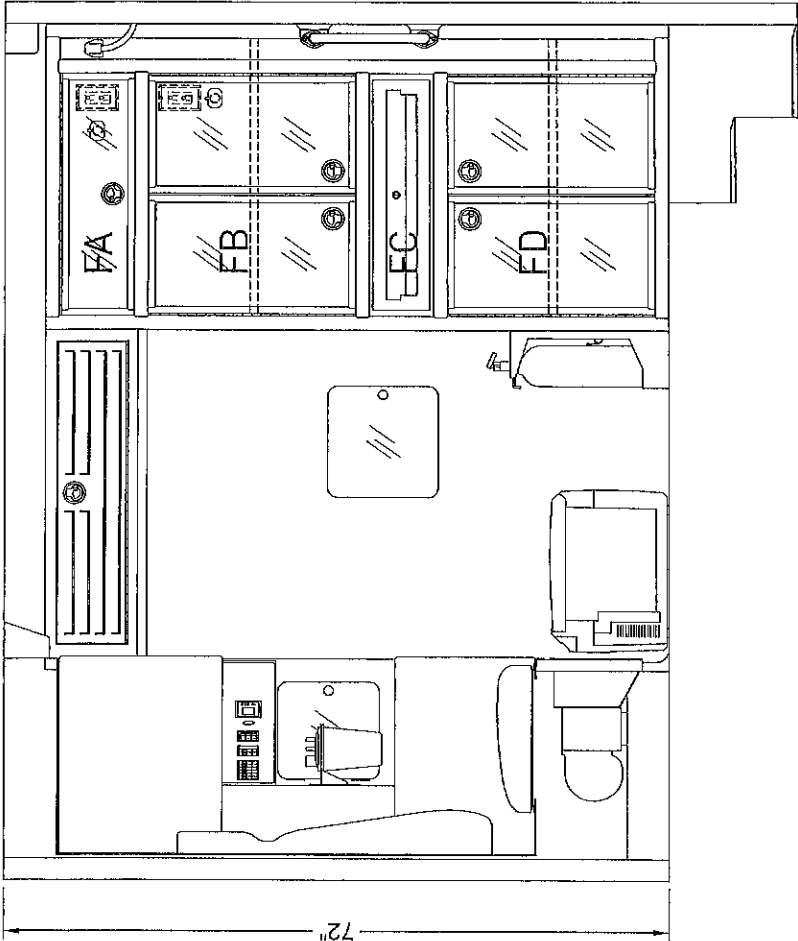
Date: 21-03-25 rev.0  
Scale: 1/4"=1'-0"  
Draftman: TT



Compartment	Opening L x H	Interior dimensions L x H x D
Storage cabinet -SA-	41.50" x 16.00"	41.75" x 16.25" x 11.00"
Storage cabinet -SB-	24.00" x 19.25"	25.00" x 20.00" x 16.25"
Storage drawer -SC-	-	12.00" x 4.50" x 12.50"

Front interior wall

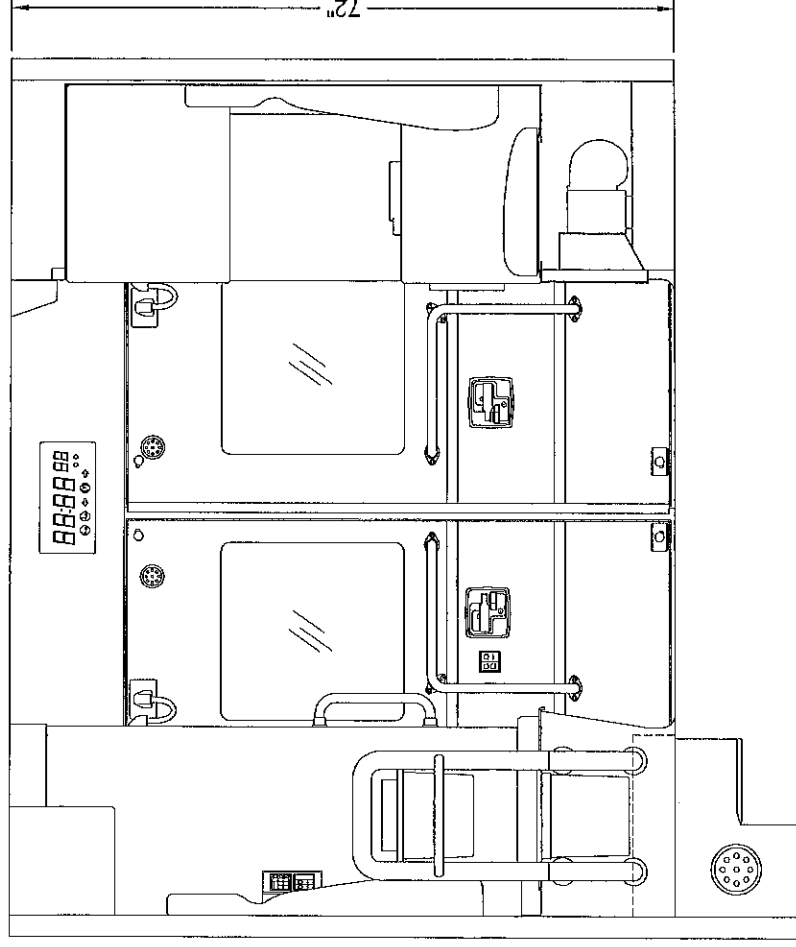
Date: 021-03-25 rev.0  
Scale: 1:20  
Draftman: TT



Compartment	Opening L x H	Interior dimensions L x H x D
Lockable comp. -FC-	26.25" x 8.00"	26.00" x 8.00" x 13.75"
High ALS comp. -FD-	26.25" x 22.50"	31.50" x 23.75" x 19.25"
Storage drawer -FE-	-	21.50" x 4.25" x 18.50"
Low ALS comp. -FF-	26.25" x 22.50"	31.50" x 24.75" x 19.25"

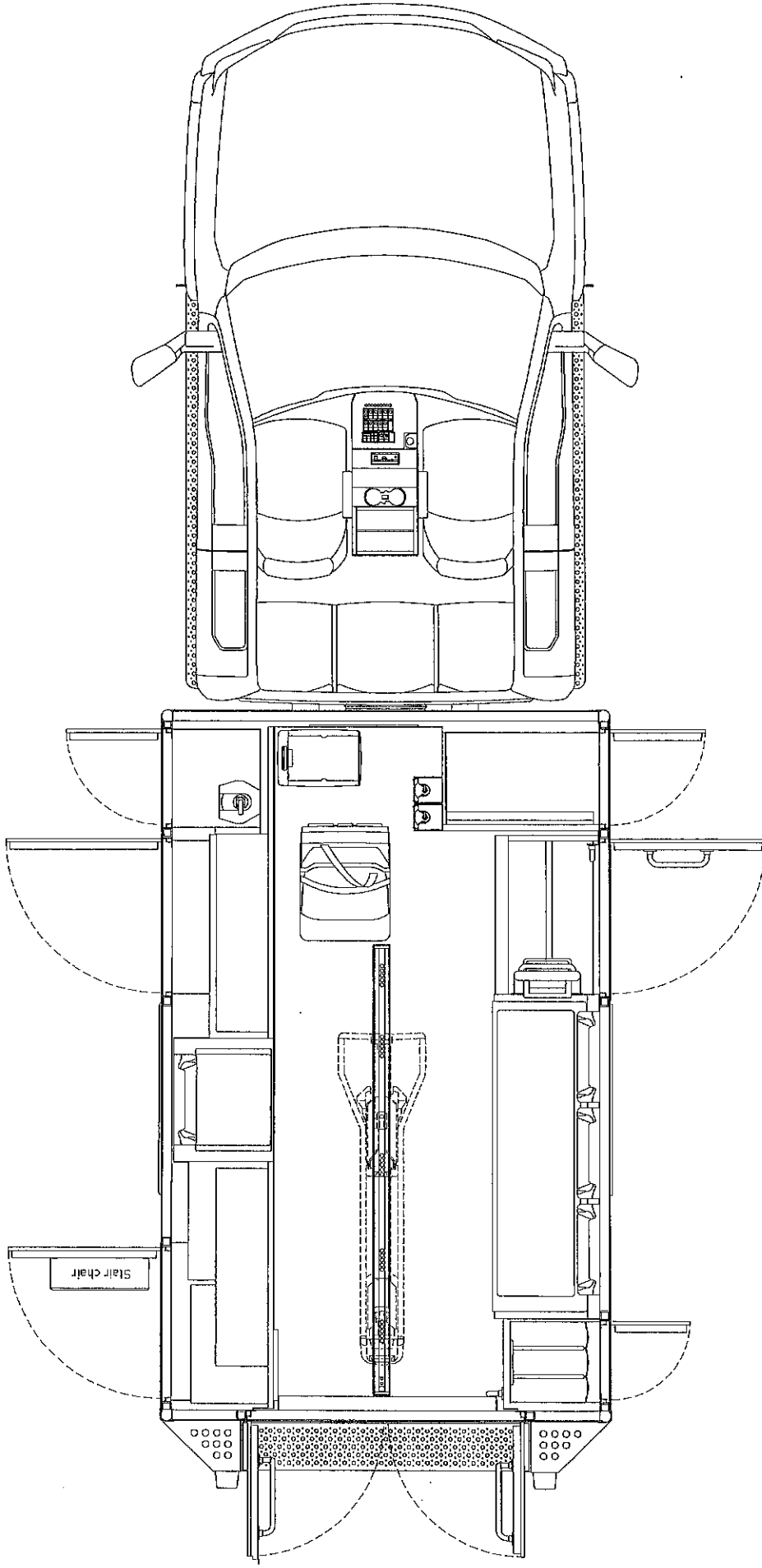
# Real interior wall

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Scale: 1/20  
Draftman: TT



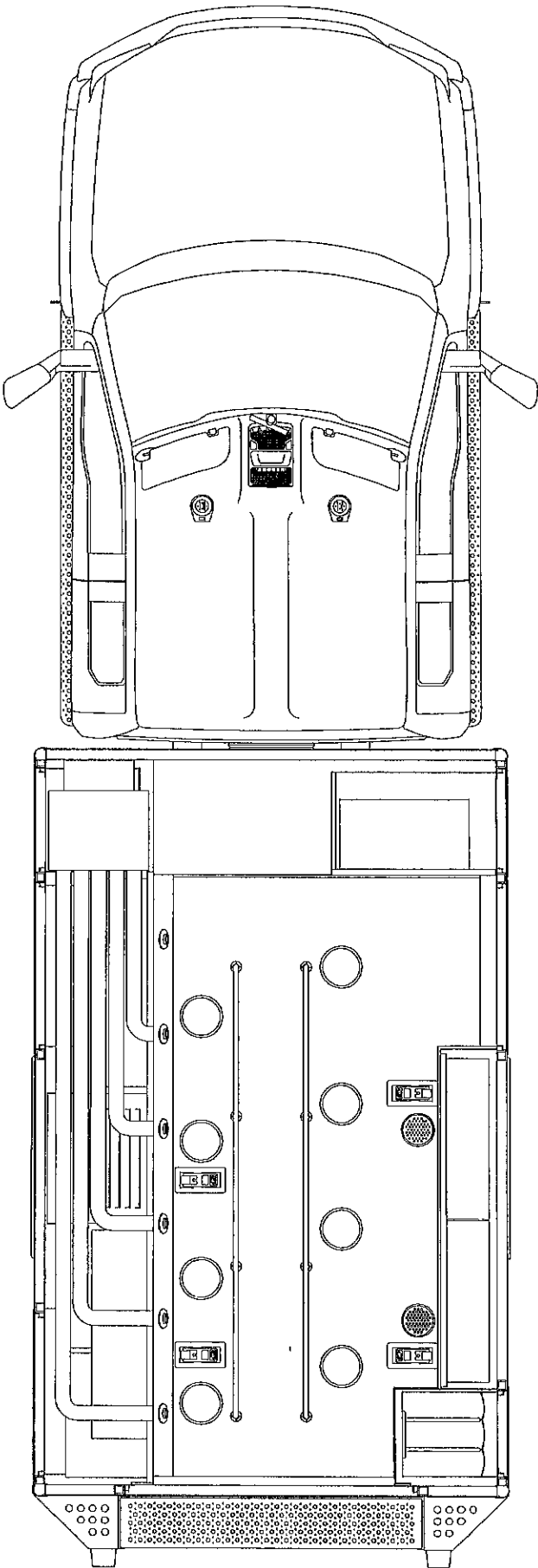
# Floor view

Date: 021-03-25 rev.0  
Scale: 1:32  
Draftman: TT

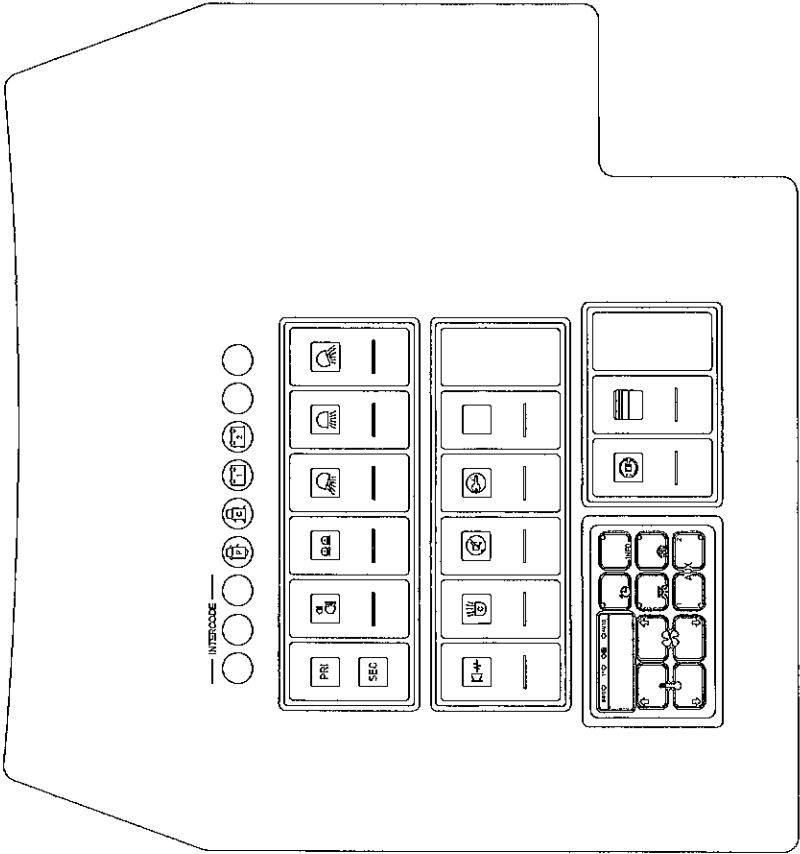


# Ceiling view

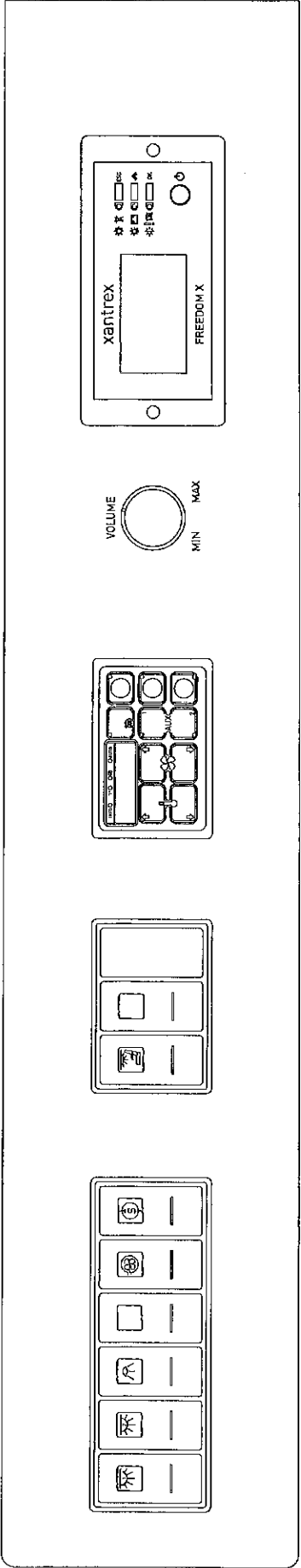
Date: 21-03-25 rev.0  
Scale: 1:32  
Draftman: TT



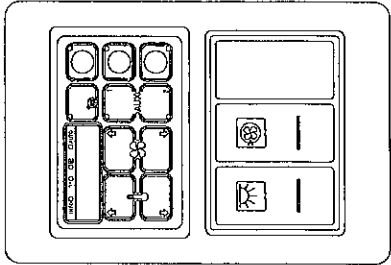




Streetside console



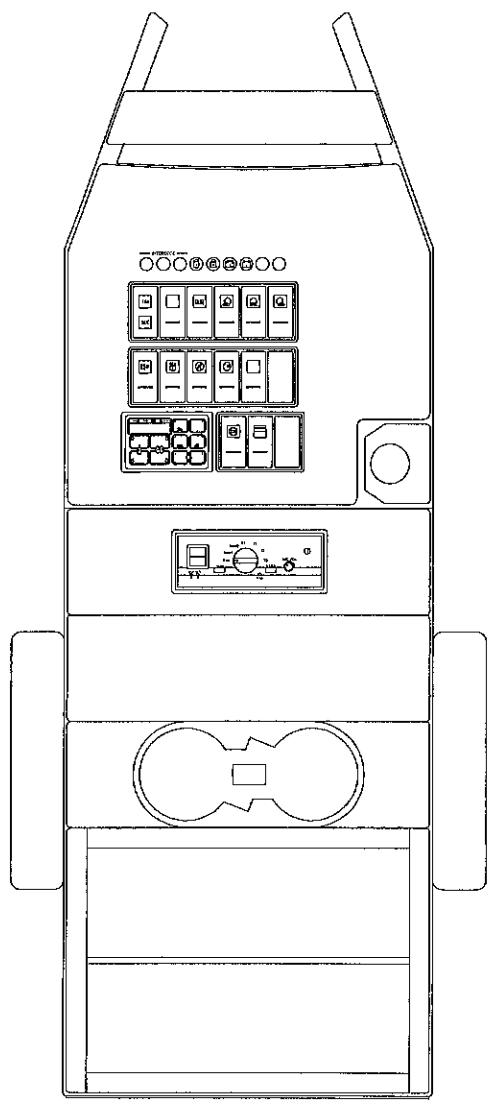
Curbside console



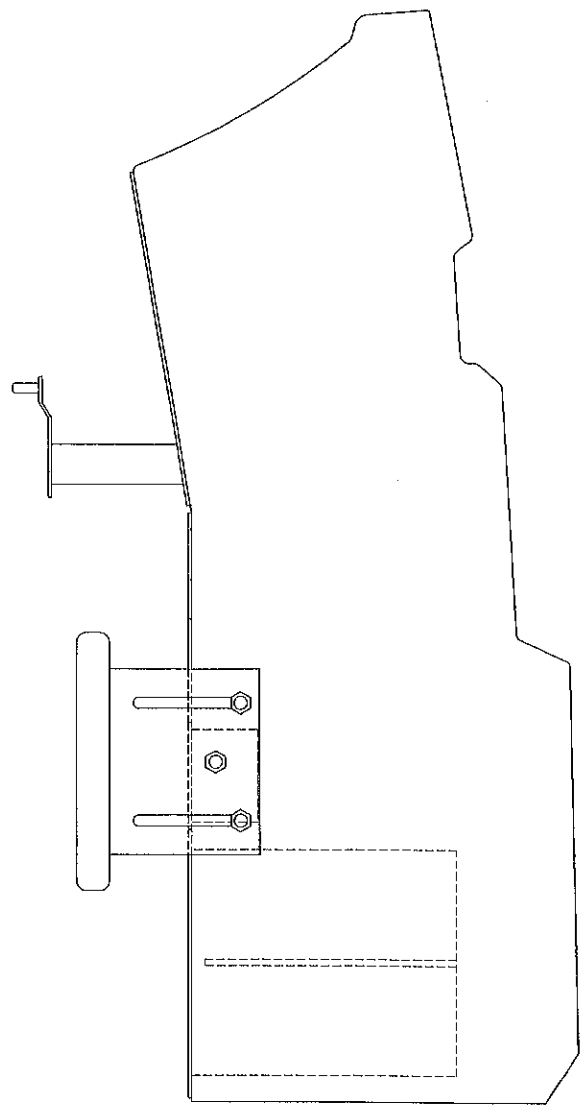
# Flood console details

Date: 10/21/03-25 rev.0  
Scale: 1/4"  
Draftman: TT

Top view



Side view



CPQ quote: QU00000003365 Rev: 0

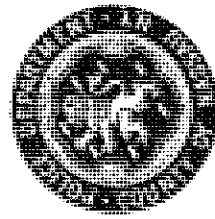
Date & revision: 2021-03-26 rev: 0

General exterior .....	page 2
Curbside exterior .....	page 3
Streetside exterior .....	page 4
Front & rear exterior .....	page 5
Curbside interior wall .....	page 6
Streetside interior wall .....	page 7
Front interior wall .....	page 8
Rear interior wall .....	page 9
Floor view .....	page 10
Ceiling view .....	page 11
Front console .....	page 12
Rear consoles .....	page 13
Floor console details .....	page 14

## DISCLAIMERS

Demers makes every effort to maintain the accuracy and quality of the information provided in these drawings. However, Demers cannot guarantee and assumes no legal liability or responsibility for the accuracy or completeness of the information provided. The information contained in these drawings is for general guidance only. You should always develop your quote and send to Demers for engineering validation to the feasibility of the custom options according to the specific configuration required by the customer.

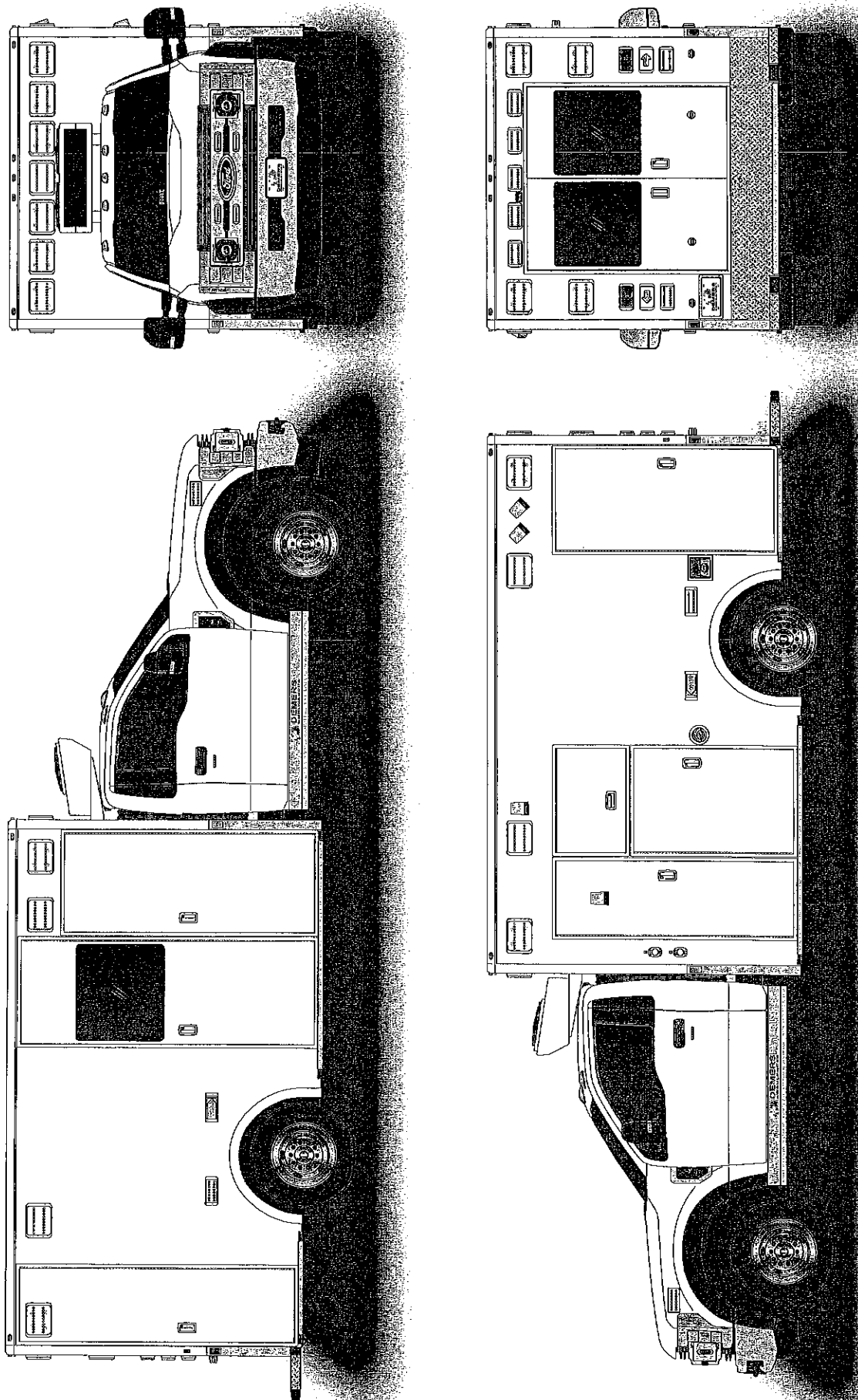
Should there be any discrepancies between the CPQ configurator, the CPQ quote or sale sheet and these drawings, the CPQ configurator, the CPQ quote or sale sheet will take precedence. These drawings are subject to change by engineering during the construction process of the vehicle. Dimensional data for information only. The copyright of all content in these drawings is owned by Demers and/or the various manufacturers of our equipment. These drawings in part or whole cannot be changed, reproduced, stored in or transmitted onto any website or social media without the prior written consent from Demers.



**MXPI170E - Ford F450**  
Nassau County Police Department, NY

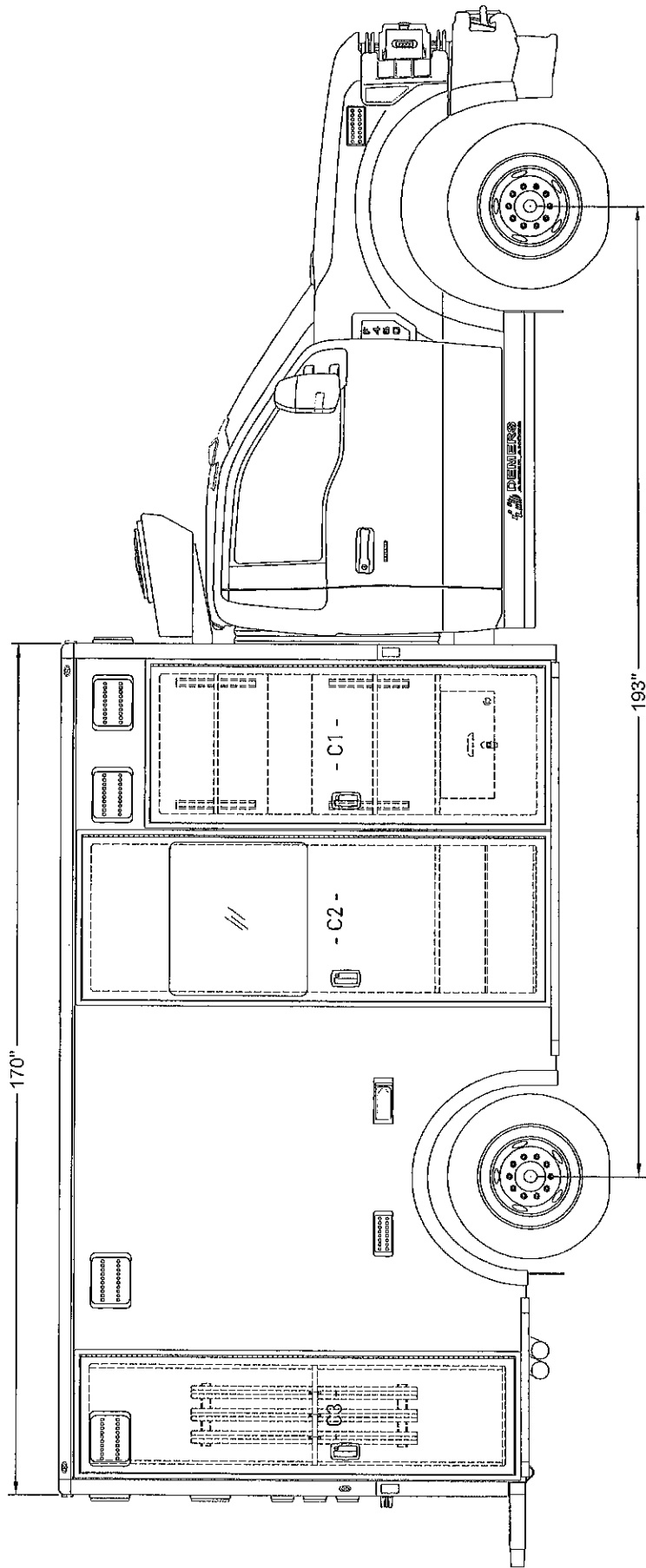
# General exterior

Date: 3/21-03-26 rev.0  
Scale: 1/4" = 1'-0"  
Draftman: TT



Curt side exterior

Date: -021-03-26 rev:0  
Scale: 1:30  
Draftman: TT

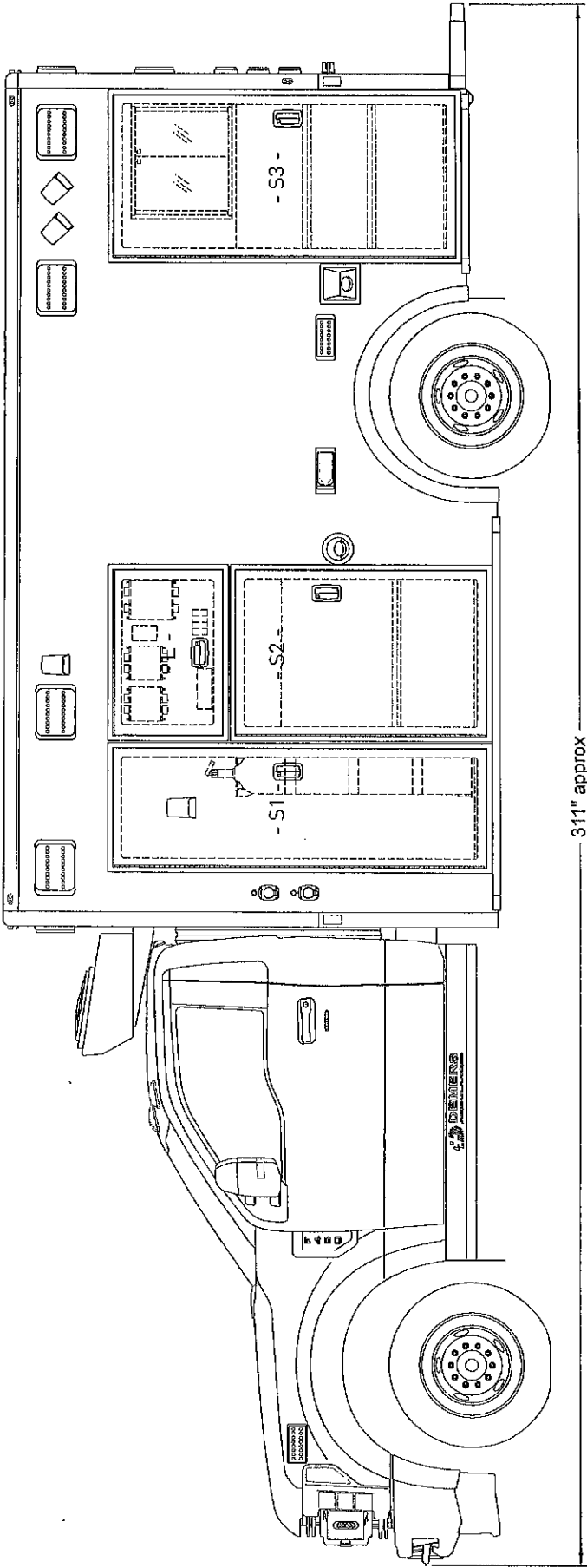


Compartment	Opening L x H	Interior dimensions L x H x D
C1	27.75" x 55.75"	30.25" x 57.25" x 32.00"
C2	29.25" x 88.75"	-
C3	20.00" x 82.75"	20.75" x 84.25" x 18.50"



Streetside exterior

Date: 21-03-26 rev.0  
Scale: 1:30  
Draftman: TT

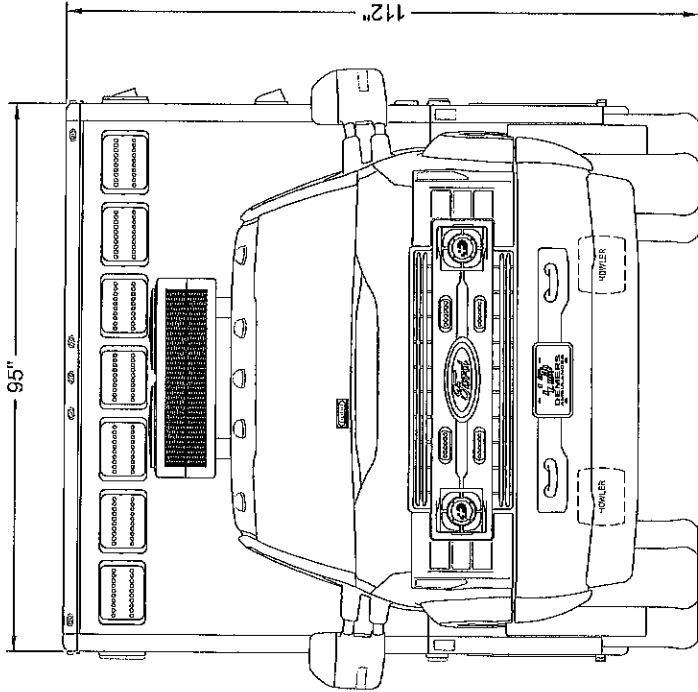


311" approx

Compartment	Opening L x H	Interior dimensions L x H x D
S1	20.25" x 71.50"	23.75" x 79.50" x 18.00"
S2	29.25" x 47.00"	32.25" x 47.25" x 13.50"
S3	28.50" x 65.50"	33.25" x 42.00" x 17.50"
E	29.25" x 18.50"	-

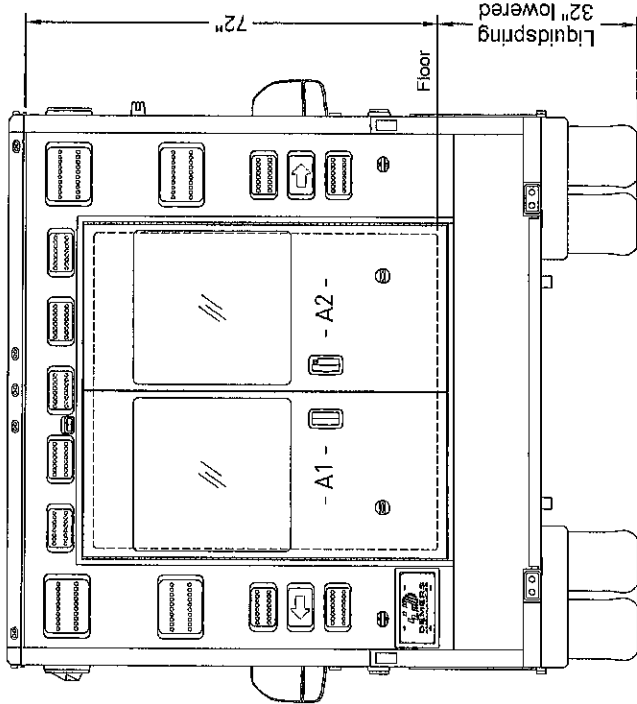
# Front & rear exterior

Date: 2021-03-26 rev.0  
 Scale: 1:30  
 Drafter: TT



### Note

The total height of the vehicle can be different according to chassis and suspensions



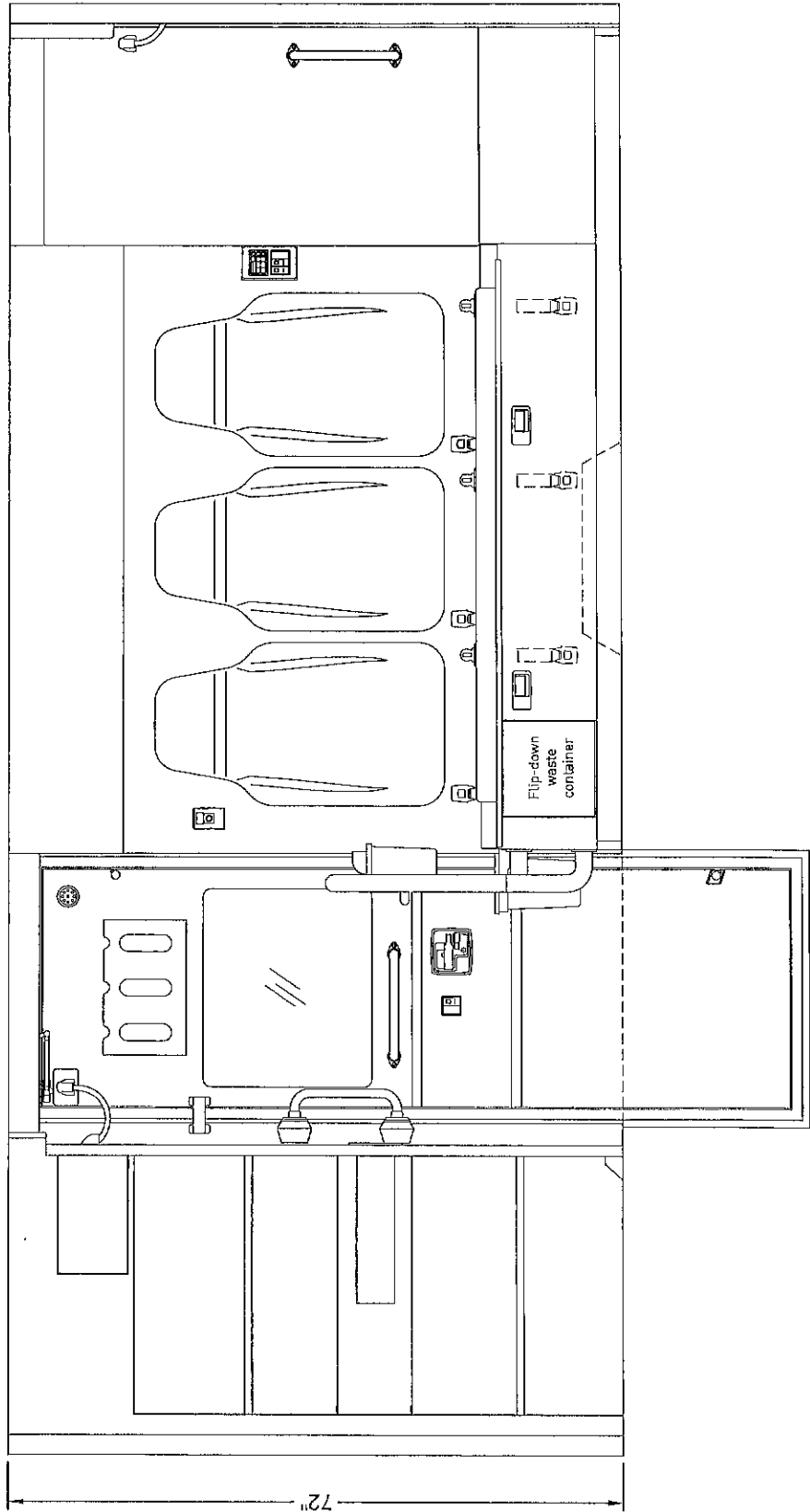
### Note

The rear loading height of the vehicle can be different according to chassis and suspensions

Compartment	Opening L x H	Interior dimensions L x H x D
A1 & A2	54.50" x 59.75"	-

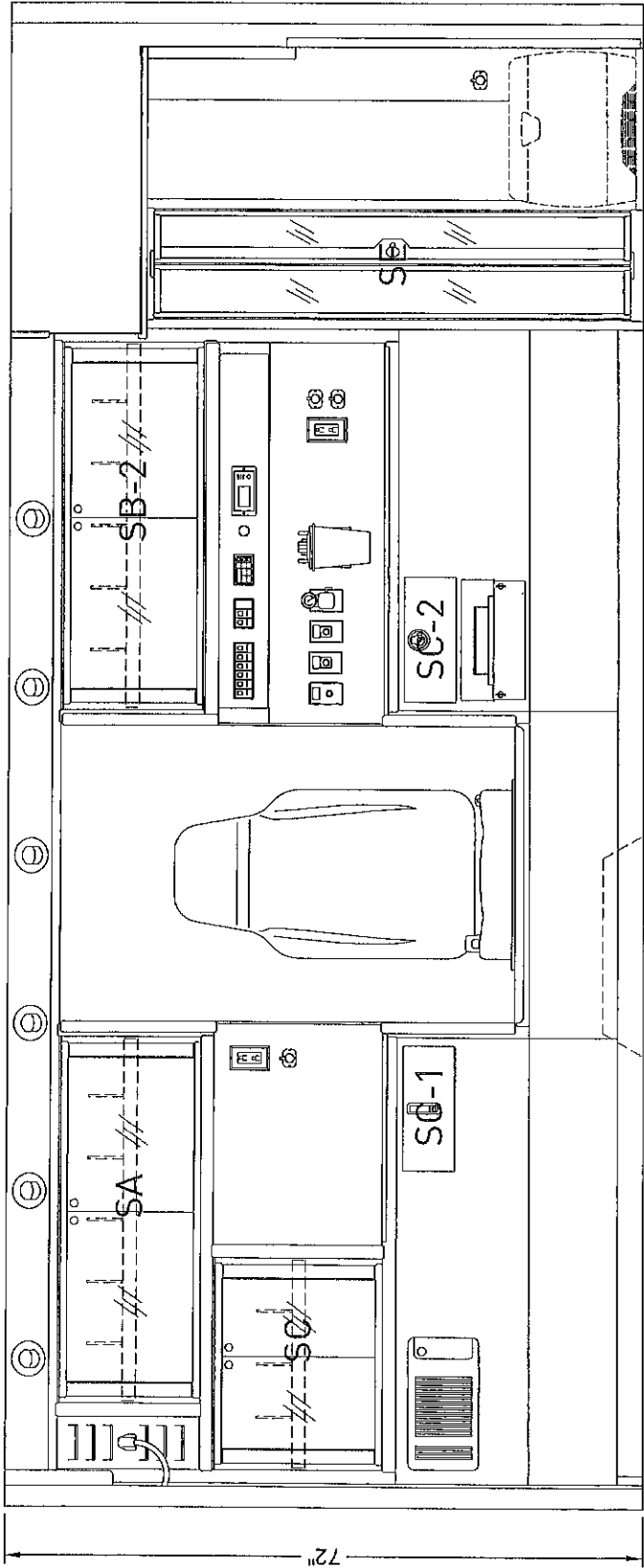
# Curlside interior wall

Date: 2021-03-26 rev.0  
Scale: 1/20  
Draftman: TT



Streetside interior wall

Date: 12/21-03-26 rev:0  
Scale: 1/20  
Draftman: TT

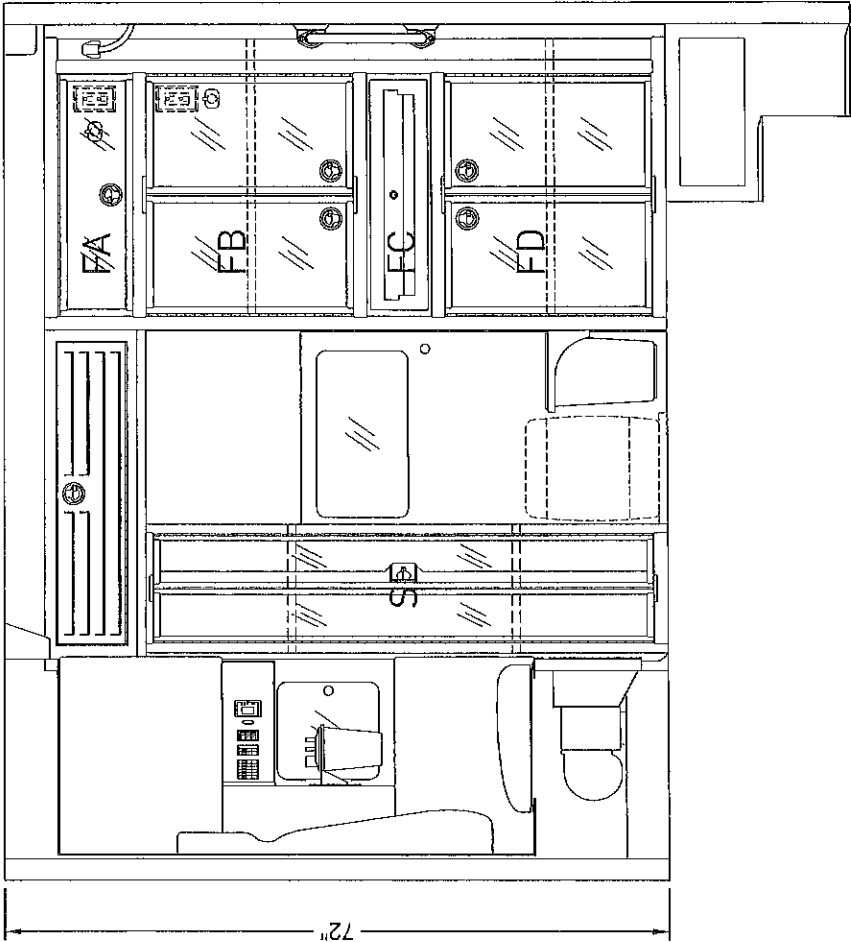


Compartment	Opening L x H	Interior dimensions L x H x D
Storage cabinet -SA-	41.50" x 16.00"	42.50" x 16.75" x 16.00"
Storage cabinet -SB-	41.50" x 16.00"	41.75" x 16.25" x 11.00"
Storage cabinet -SC-	24.00" x 19.25"	25.00" x 20.25" x 16.00"
Storage drawer -SD-	-	12.00" x 4.50" x 12.50"
Storage cabinet -SE-	16.50" x 54.25"	25.50" x 57.25" x 15.75"

\*This dimension is the maximum

# Front interior wall

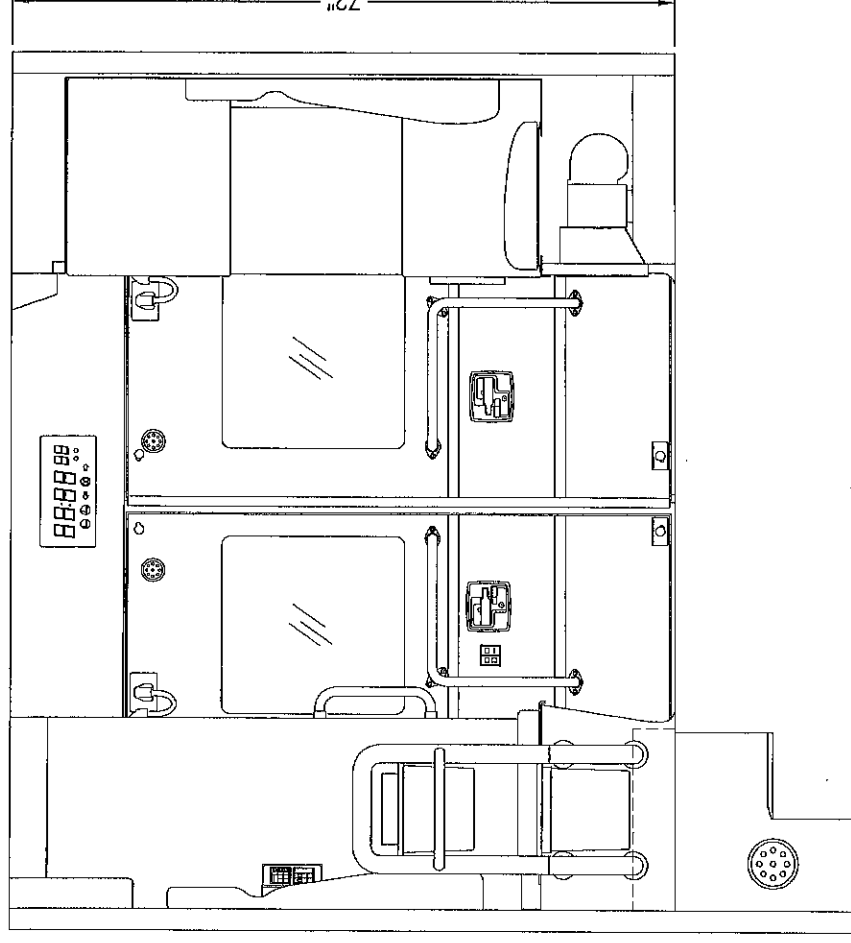
Date: 2021-03-26 rev:0  
Scale: 1/20  
Draftman: TT



Compartment	Opening L x H	Interior dimensions L x H x D
Lockable comp. -FA-	26.00" x 8.00"	41.75" x 16.25" x 11.00"
High ALS comp. -FB-	26.00" x 22.50"	32.00" x 23.75" x 30.25"
Storage drawer -FC-	-	21.75" x 4.50" x 18.50"
Low ALS comp. -FD-	26.00" x 22.50"	32.00" x 24.75" x 30.25"

# Real interior wall

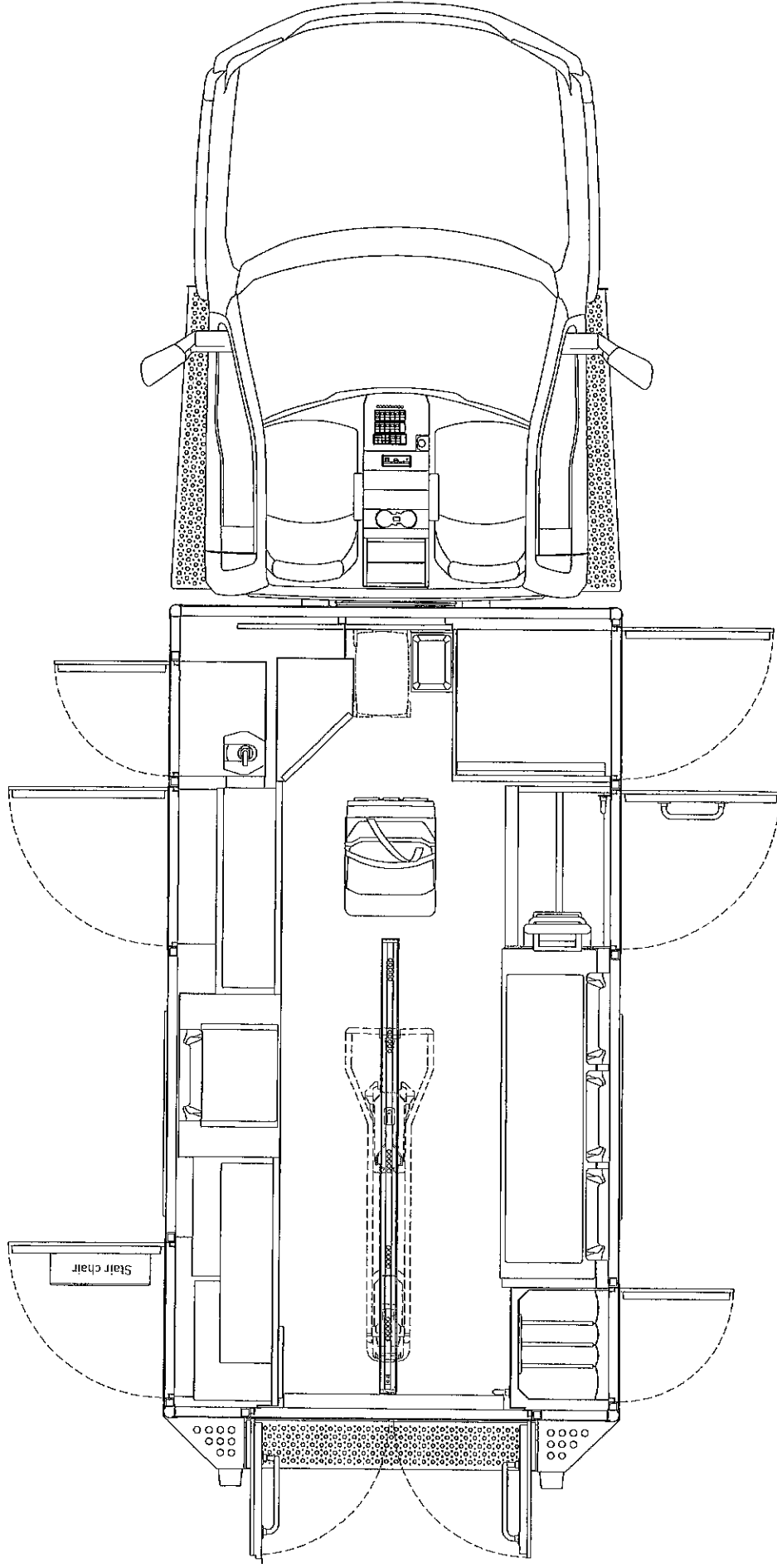
Date: 021-03-26 rev.0  
Scale: 1/20  
Draftman: TT





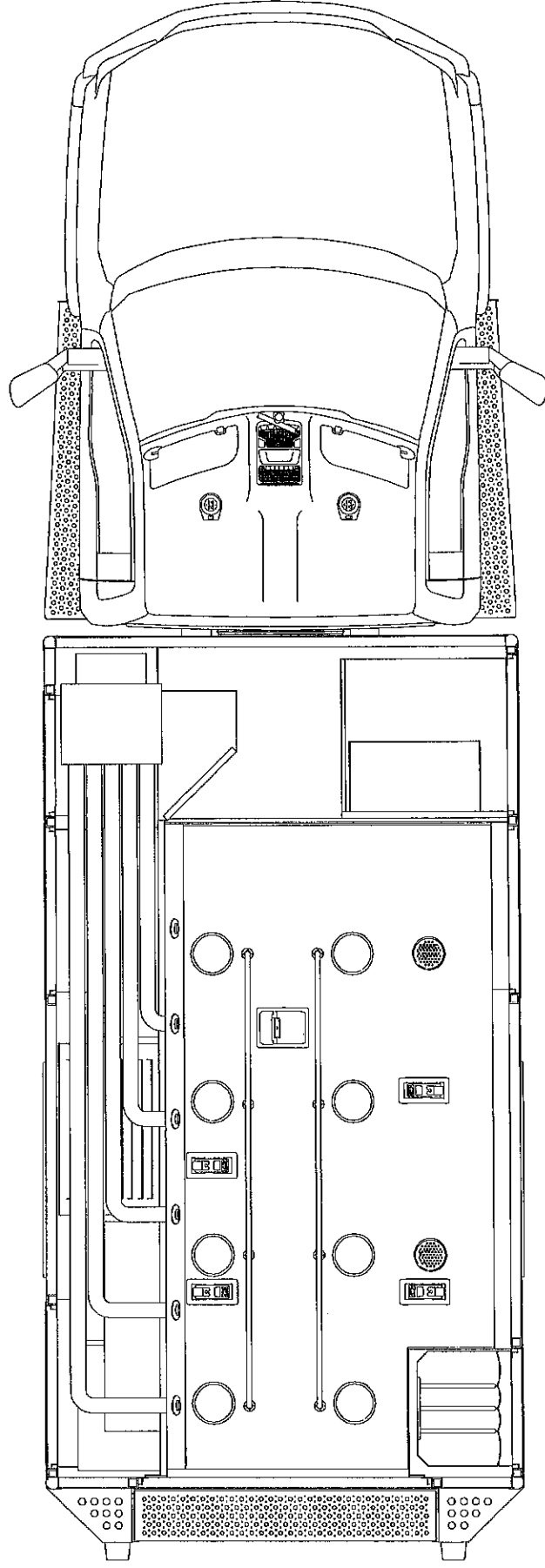
# Floor view

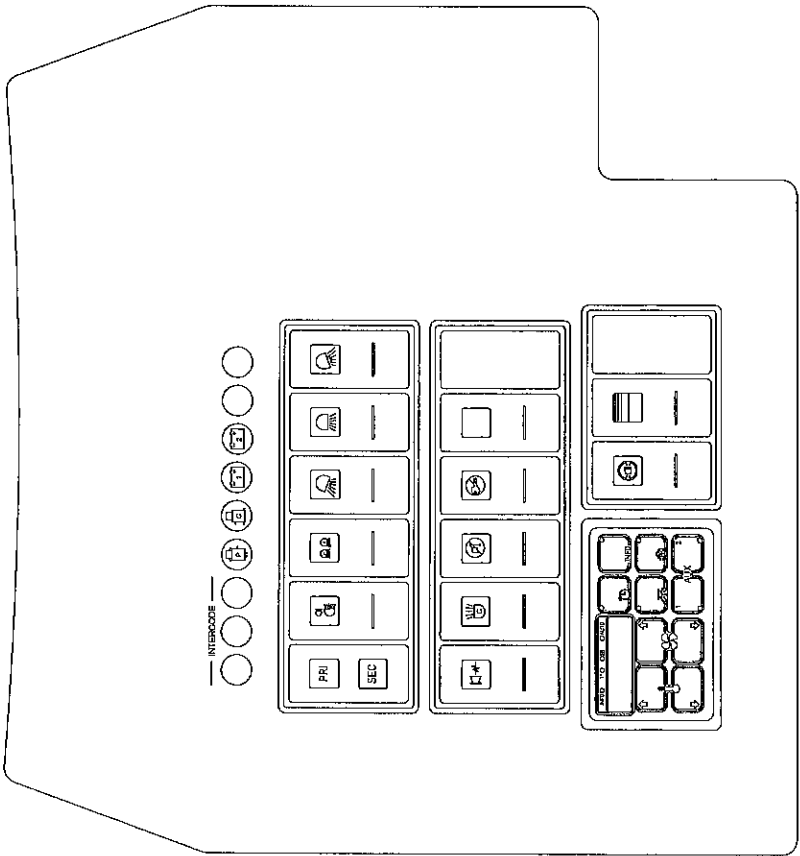
Date: 2021-03-26 rev.0  
Scale: 1:30  
Draftsman: TT



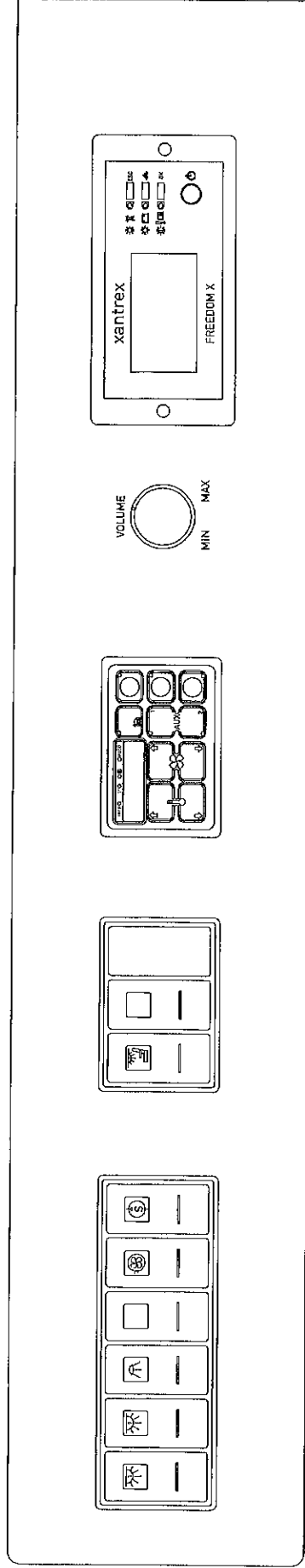
# Ceiling view

Date: 3/21-03-25 rev.0  
Scale: 1/30  
Draftman: TT

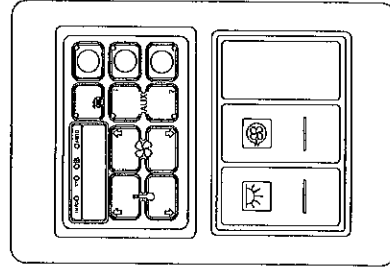




## Streetside console



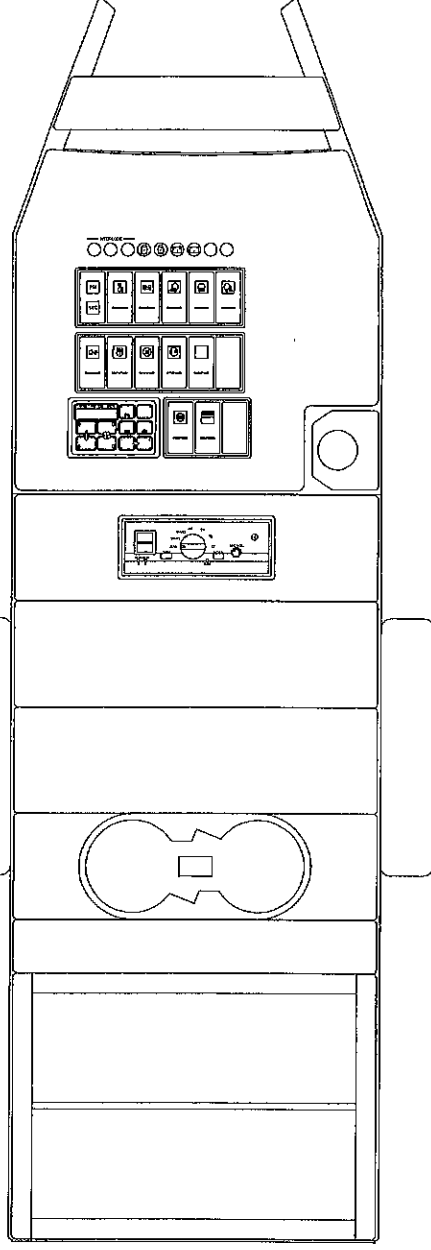
## Curbside console



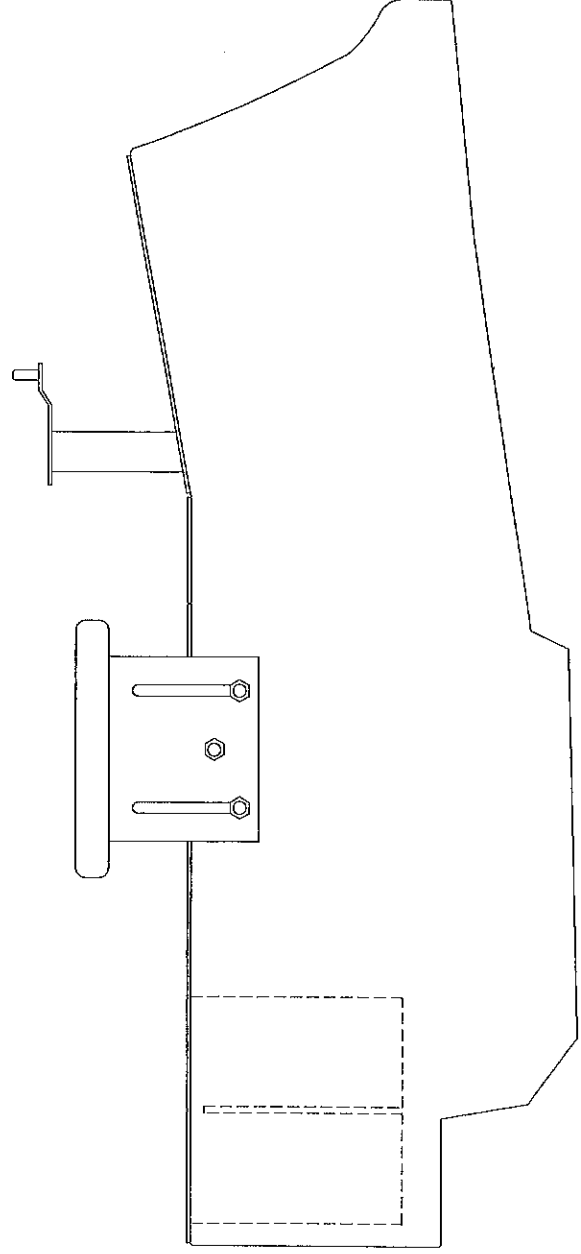
# Floor console details

Date: 021-03-26 rev.0  
Scale: 1:7  
Draftman: TT

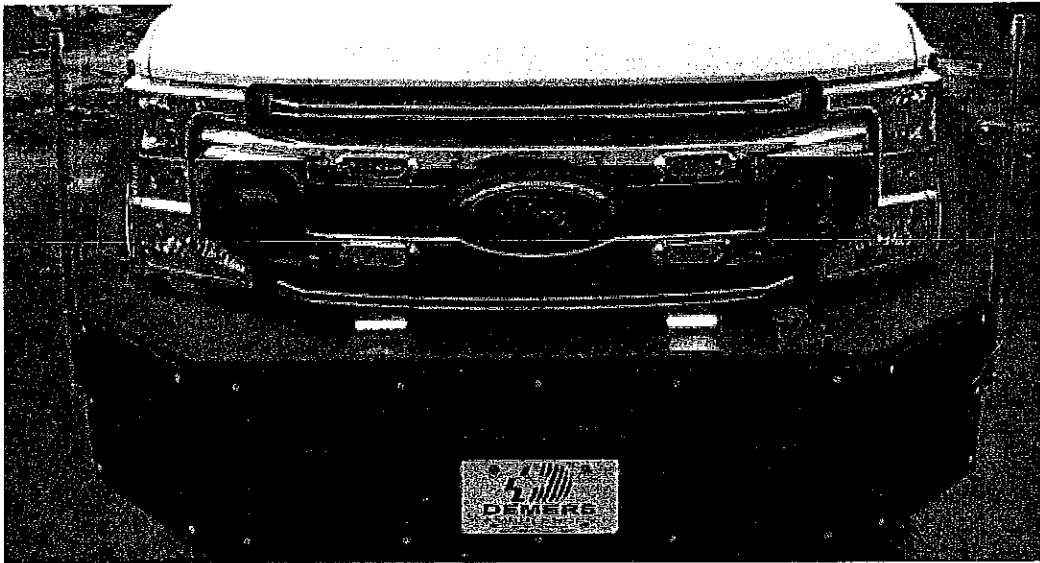
Top view



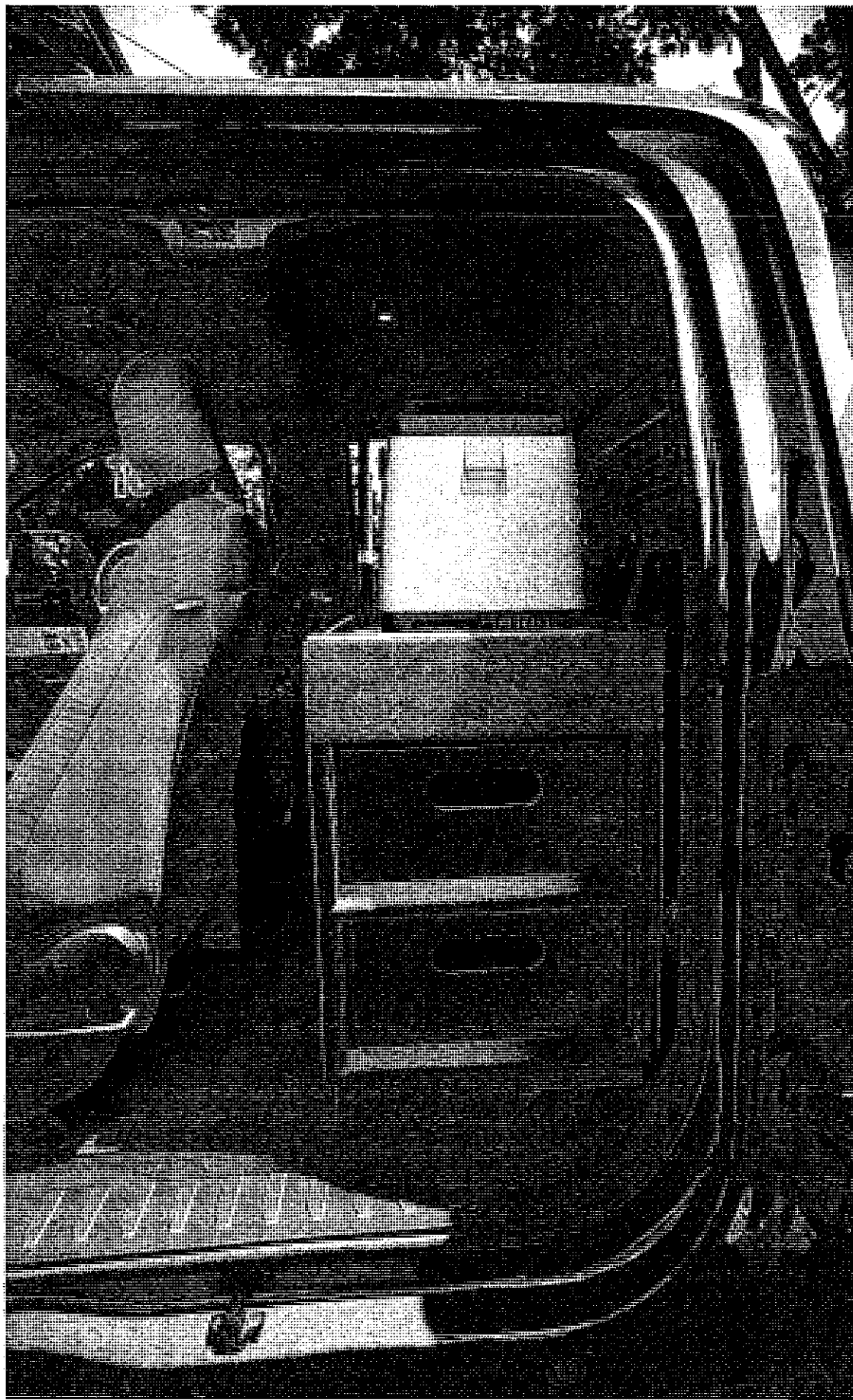
Side view

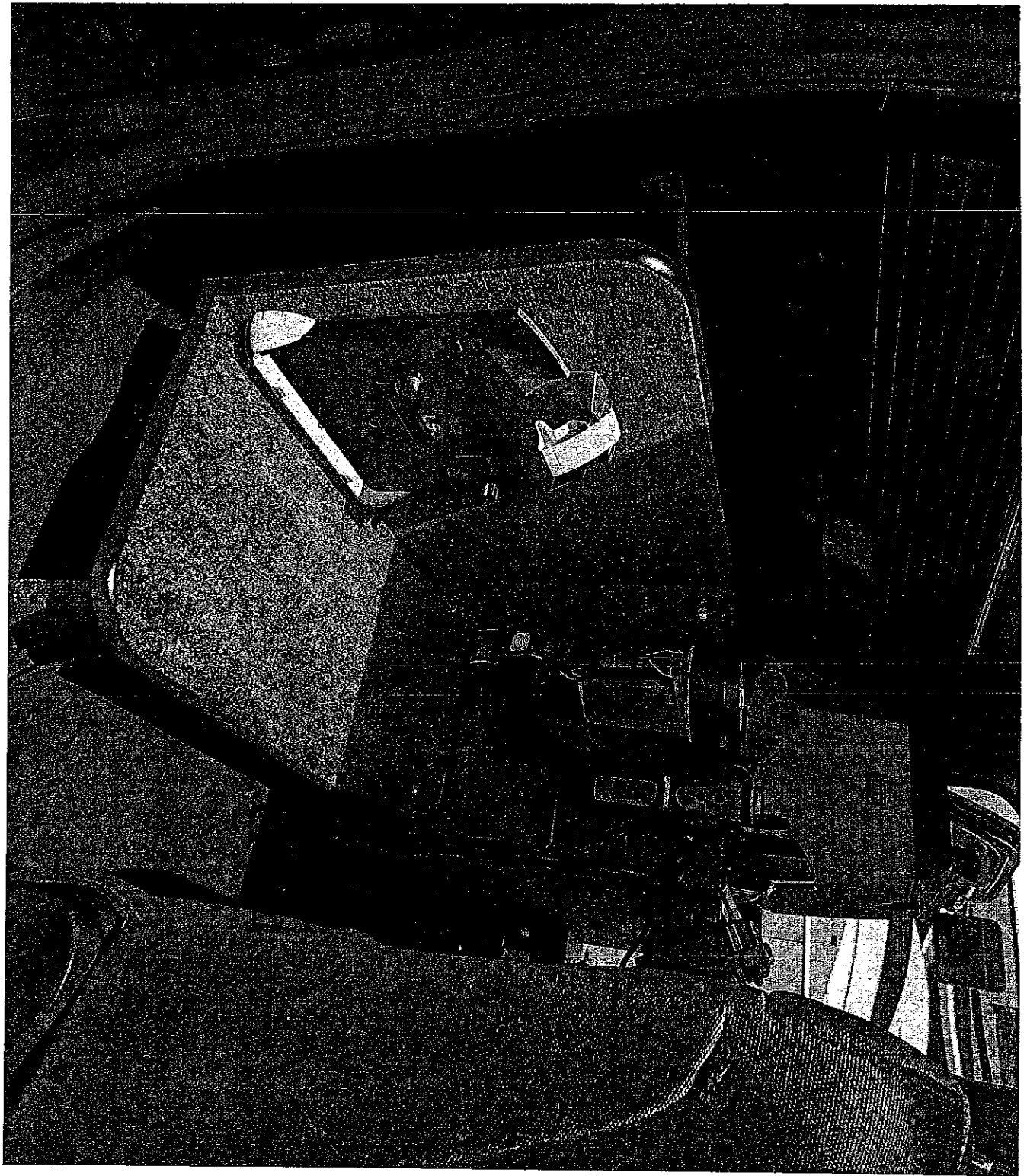


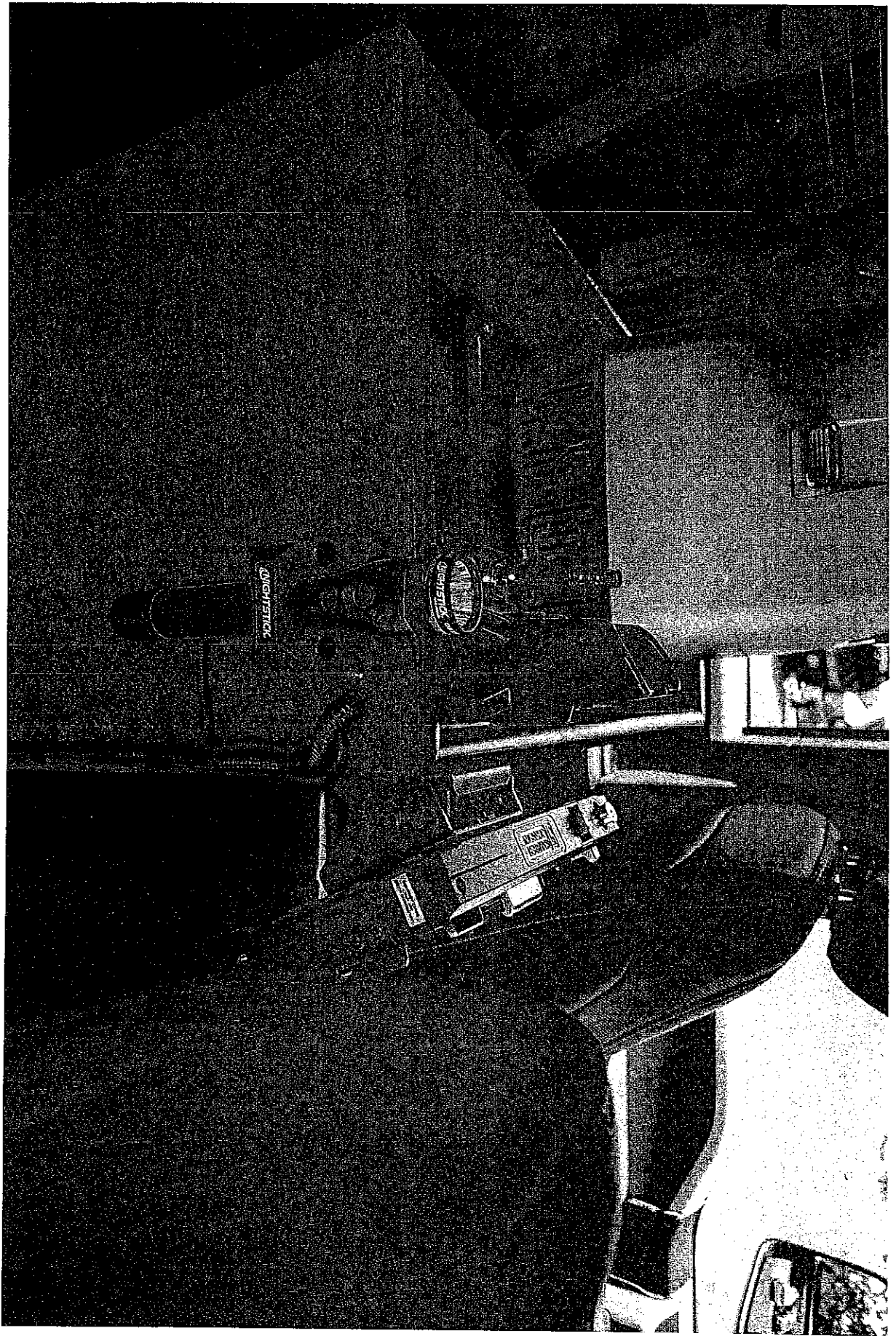
## FRONT PUSH BAR OPTION #21













## Proliner Nassau Bid

Quote Number: 10348329

Remit to: **Stryker Medical**

Version: 1

P.O. Box 93308

Prepared For: NASSAU COUNTY AMB

Chicago, IL 60673-3308

Attn:

Rep: Danny Stupin

Email: daniel.stupin@stryker.com

Phone Number:

Mobile: (516) 729-8355

Quote Date: 03/31/2021

Expiration Date: 06/29/2021

Delivery Address		End User - Shipping - Billing		Bill To Account	
Name:	NASSAU COUNTY AMB	Name:	NASSAU COUNTY AMB	Name:	PROLINER RESCUE VEHICLE SALES AND SVC
Account #:	1163950	Account #:	1163950	Account #:	1297350
Address:	1490 FRANKLIN AVE EMERGENCY AMBULANCE BUREAU	Address:	1490 FRANKLIN AVE EMERGENCY AMBULANCE BUREAU	Address:	18 PECONIC AVE
	MINEOLA		MINEOLA		MEDFORD
	New York 11501		New York 11501		New York 11763-3275

### Equipment Products:

	Product	Description	Qty
1.0	6506000000	Power-PRO XT	1
1.1	6085033000	PR Cot Retaining Post	
1.2	7777881669	3 Yr X-Frame Powertrain Wrrnty	
1.3	7777881670	2 Yr Bumper to Bumper Warranty	
1.4	6506026000	Power Pro Standard Components	
1.5	6500001430	X-RESTRAINT PACKAGE	
1.6	0054030000	DOM SHIP (NOT HI, AK, PR, GM)	
1.7	6506600000	English Manual	
1.8	6085031000	Trendelenburg	
1.9	6506038000	Steer Lock Option	
1.10	6060036017	Short Hook	
1.11	6500028000	120V AC SMRT Charging Kit	
1.12	6506034000	G-Rated Mattress	



## Proliner Nassau Bid

Quote Number: 10348329

Version: 1

Prepared For: NASSAU COUNTY AMB

Attn:

Remit to:

**Stryker Medical**

P.O. Box 93308

Chicago, IL 60673-3308

Rep:

Danny Stupin

Email:

daniel.stupin@stryker.com

Phone Number:

Mobile:

(516) 729-8355

Quote Date: 03/31/2021

Expiration Date: 06/29/2021

Product	Description	Qty
1.13 6506031000	Siderail Option	
1.14 6085046000	Retractable Head Section 02	
1.15 0054200994	NO RUNNER	
1.16 6500318000	NO IV POLE	
1.17 6506012003	STANDARD FOWLER	
1.18 6500128000	Head End Storage Flat	
1.19 6500034000	SMRT Charger Mounting Bracket	
1.20 6500147000	Equipment Hook	
1.21 6506034001	6506 PERFORMANCE-LOAD OPTION	
2.0 639005550001	MTS POWER LOAD	1
3.0 6392000001	PERFORMANCELOAD W/CHARGE,PLATE	1
3.1 6392026000	STANDARD COMPONENTS	
3.2 6392001901	LABEL, 6392-000-001 SPEC	
3.3 6392001015	INDUCTIVE CHARGING OPTION	
3.4 6390700001	FLOOR PLATE ASSY KIT	
3.5 6392009001	PERFORMANCE LOAD OPS MANUAL	
3.6 7777881660	1 year parts, labor & travel	



1170 Production Drive, Van Wert, OH 45891

March 30, 2021

This letter serves to confirm that Demers Ambulance USA Inc., the authorized U.S. distributor of Demers products, has appointed L. I. Proliner, Inc., located at 18 Peconic Avenue, Medford, NY 11763 as the Company's dealer and recognizes Vasilios Hadzigeorgiou as Dealer Owner and CEO. L. I. Proliner is responsible for the sales and service in Nassau and Suffolk Counties, New York, representing the products manufactured by Demers Ambulance USA Inc. and Demers, Ambulance Manufacturer Inc.

Greg Tucci

Digitally signed by  
Greg Tucci  
Date: 2021.03.30  
12:56:26 -04'00'

Greg Tucci  
National Sales Director

800-363-7591

To Whom it May Concern,

Proliner Rescue Vehicle Sales is an authorized Whelen Master Distributor in good standing. They have the ability to sell, service and submit product for warranty consideration of Whelen equipment. If you have any questions, please contact me.

Sincerely,  
Matthew Herman  
Northeast Regional Sales Manager  
860-876-3762



## **Billy Georgiou**

**From:** Marcel Fortin <mfortin@demers-ambulances.com>  
**Sent:** Tuesday, March 30, 2021 3:08 PM  
**To:** Billy Georgiou; Greg Tucci  
**Cc:** Dave Schwartzman  
**Subject:** RE: nassau bid

Billy,

Please find warranty info and fleet references below.  
Please let me know if you need anything else.

Thanks,

	% Overall Warranty	% of Multiplex Warranty
2017-2018	0.7%	0.29%
2018-2019	0.7%	0.4%
2019-2020	0.6%	0.6%
2020-2021	0.4%	1.6%
<b>TOTAL AVG</b>	<b>0.6%</b>	<b>0.7%</b>

**Since 2008**  
**Superior Air-Ground Ambulance Service, Inc.**  
**David Curtis**  
V.P. Operations  
Superior Air-Ground Ambulance Service, Inc.  
395 W. Lake Street Elmhurst, IL 60126 Tel: 630-832-2000

Superior Air-Ground Ambulance Services, Inc. operates more than 130 ambulances in the Chicagoland area and 30 in Northwest Indiana, making it the largest independently owned and operated Emergency Medical Services provider in Illinois.  
Of the 130 ambulances in service every day, 40 are Advanced Life Support, 10 are Critical Care, 70 provide Basic Life Support and 5 service bariatric patients.

### **Since 2010**

#### **Acadian Companies**

##### **Trampus Gaspard**

Director of Fleet Operations Acadian Companies PO Box 98000  
Lafayette, LA 70509 Office: (337) 291 4188  
Cell: (337) 258 7434

[trampus.gaspard@acadian.com](mailto:trampus.gaspard@acadian.com)

Acadian ambulance Service is the Unites States largest and most respected privately held medical transportation company. Acadian values the long-standing partnerships it's had with leading healthcare organizations.

### **Since 1995**

#### **La Corporation D'Urgences Santé, Montréal, Québec**

##### **Nicola D'Ulisse**

Chief and General Manager

514-723-5821

[nicola.dulisse@urgences-sante.qc.ca](mailto:nicola.dulisse@urgences-sante.qc.ca)

3232 Belanger Street

Montreal, Quebec H1Y 3H5

816 paramedics covering Quebec largest region with over 60% of Quebec population  
138 ambulances – Type III Ford E450 et Type II Ford E150  
13 supervisor vehicles – Ford Crown Victoria  
13 service vehicles  
118 office employees, 139 other employees, 105 support personnel

### **Since 2010**

#### **Alberta Health Services (AHS) – under contract**

##### **George Gauvreau**

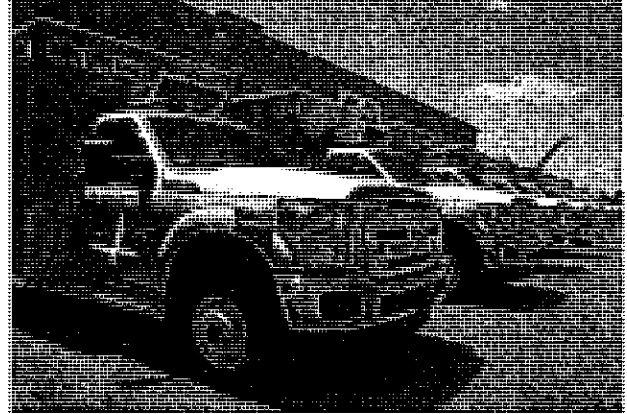
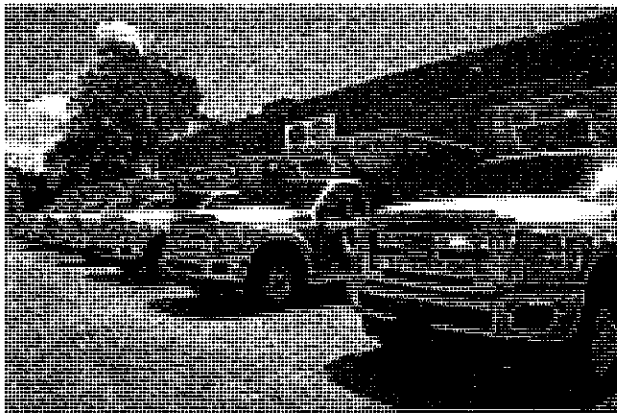
Manager, Fleet Operations

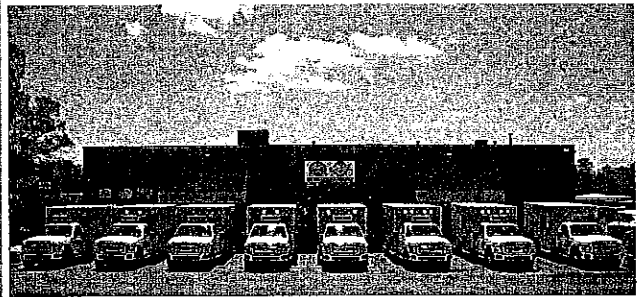
Alberta Health Services

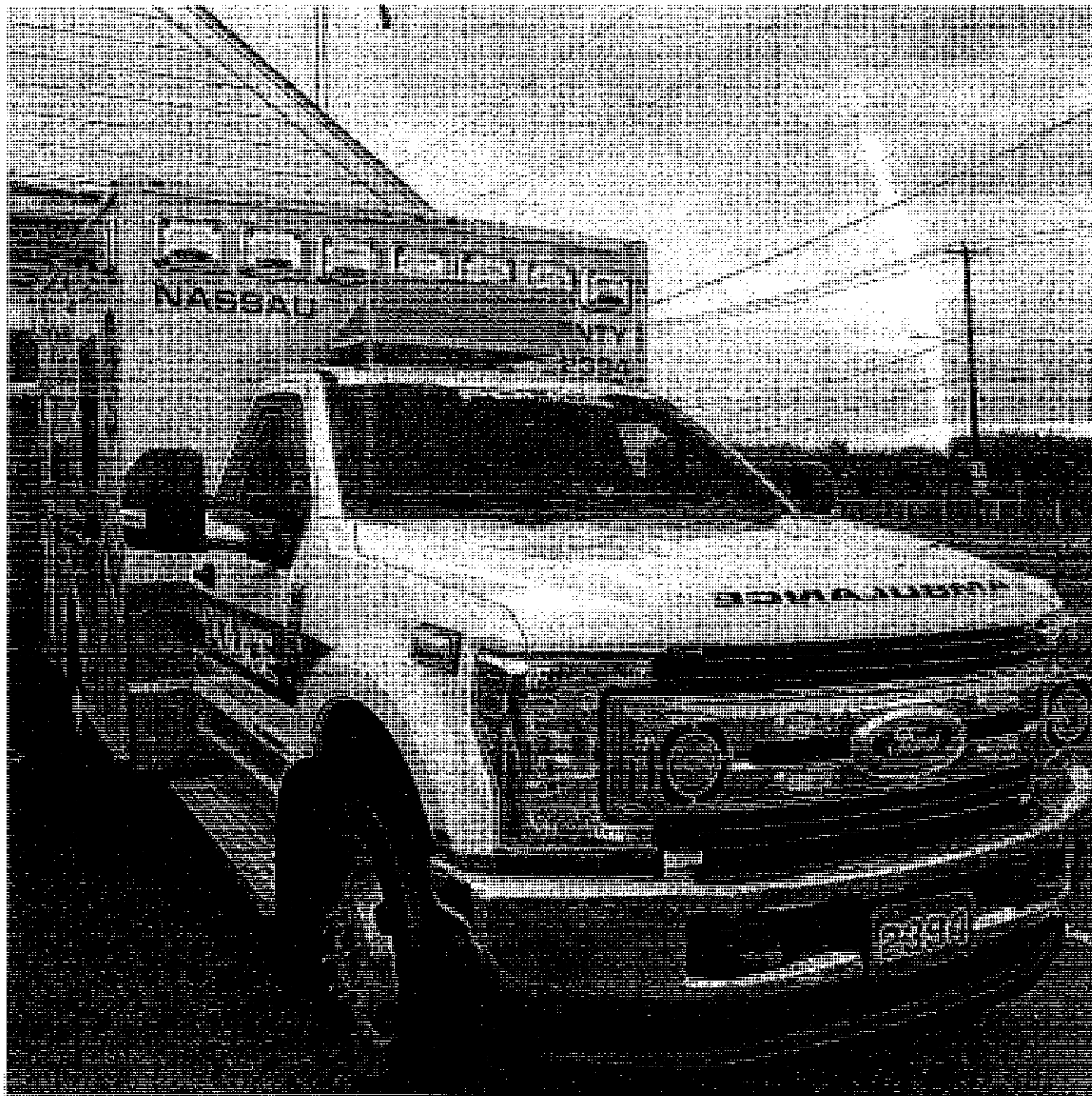
Tel: 403-955-9666

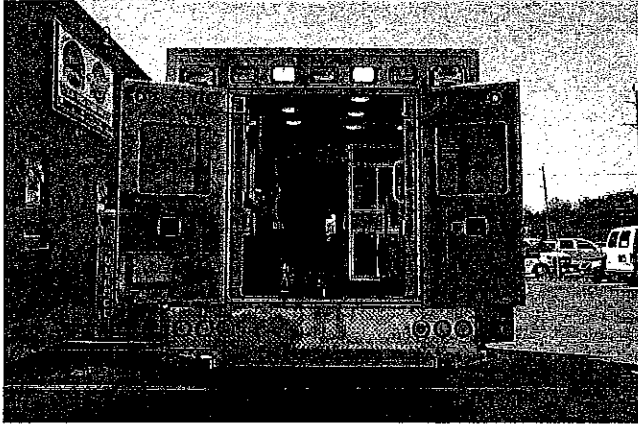
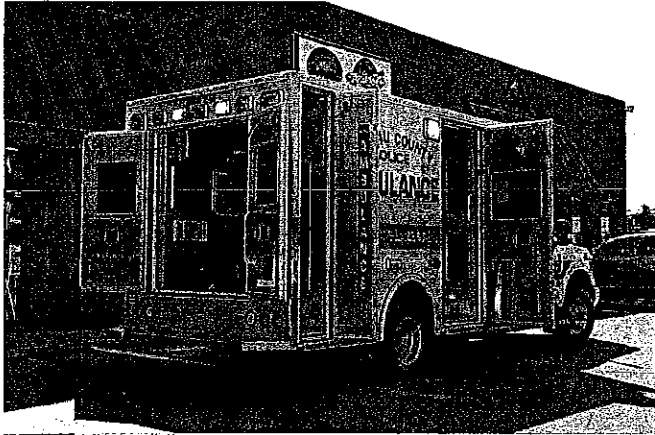
[george.gauvreau@albertahealthservices.ca](mailto:george.gauvreau@albertahealthservices.ca)

100, 3705 35 Street N.E.













## CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

\*\*\*\*\* 113330825  
LI PROLINER INC  
18 PECONIC AVE  
MEDFORD NY 11763



SCAN TO VALIDATE  
AND SUBSCRIBE

<b>POLICYHOLDER</b> LI PROLINER INC 18 PECONIC AVE MEDFORD NY 11763		<b>CERTIFICATE HOLDER</b> BID#07003-04011-035 NASSAU COUNTY 1 WEST ST MINEOLA NY 11501	
<b>POLICY NUMBER</b> G1257 856-3	<b>CERTIFICATE NUMBER</b> 385554	<b>POLICY PERIOD</b> 06/01/2020 TO 06/01/2021	<b>DATE</b> 3/29/2021

THIS IS TO CERTIFY THAT THE POLICYHOLDER NAMED ABOVE IS INSURED WITH THE NEW YORK STATE INSURANCE FUND UNDER POLICY NO. 1257 856-3, COVERING THE ENTIRE OBLIGATION OF THIS POLICYHOLDER FOR WORKERS' COMPENSATION UNDER THE NEW YORK WORKERS' COMPENSATION LAW WITH RESPECT TO ALL OPERATIONS IN THE STATE OF NEW YORK, EXCEPT AS INDICATED BELOW, AND, WITH RESPECT TO OPERATIONS OUTSIDE OF NEW YORK, TO THE POLICYHOLDER'S REGULAR NEW YORK STATE EMPLOYEES ONLY.

IF YOU WISH TO RECEIVE NOTIFICATIONS REGARDING SAID POLICY, INCLUDING ANY NOTIFICATION OF CANCELLATIONS, OR TO VALIDATE THIS CERTIFICATE, VISIT OUR WEBSITE AT [HTTPS://WWW.NYSIF.COM/CERT/CERTVAL.ASP](https://www.nysif.com/cert/certval.asp). THE NEW YORK STATE INSURANCE FUND IS NOT LIABLE IN THE EVENT OF FAILURE TO GIVE SUCH NOTIFICATIONS.

THIS POLICY DOES NOT COVER CLAIMS OR SUITS THAT ARISE FROM BODILY INJURY SUFFERED BY THE OFFICERS OF THE INSURED CORPORATION.

VASILIOS HADZIGEORGIOU PRES  
OF LI PROLINER INC  
ONE PERSON CORP

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS NOR INSURANCE COVERAGE UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICY.

NEW YORK STATE INSURANCE FUND

DIRECTOR, INSURANCE FUND UNDERWRITING



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/29/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> DeVivo Associates Inc. 718 Union Blvd West Islip, New York		<b>CONTACT NAME:</b> Dennis J DeVivo <b>PHONE (A/C, No, Ext):</b> 631-661-9059 <b>FAX (A/C, No):</b> 631-661-1754 <b>E-MAIL ADDRESS:</b> dennis@devivoassociates.com		
<b>INSURED</b> L.I. Proliner Inc. & Georgiou Enterprises Inc. 18 Peconic Avenue Medford, NY 11763 NY 11763		<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
		<b>INSURER A:</b> Arch Insurance		
		<b>INSURER B:</b>		
		<b>INSURER C:</b>		
		<b>INSURER D:</b>		
		<b>INSURER E:</b>		

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVO	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR		MFPK07334907	10/11/2020	10/11/2021	EACH OCCURRENCE \$ 1,000,000
		DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000				
		MED EXP (Any one person) \$ 5,000				
		PERSONAL & ADV INJURY \$ 1,000,000				
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOG OTHER:				GENERAL AGGREGATE \$ 2,000,000	
					PRODUCTS - COMP/OP AGG \$ 2,000,000	
						GLLL included \$
A	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		MFCA08345807	10/11/2020	10/11/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
		BODILY INJURY (Per person) \$				
		BODILY INJURY (Per accident) \$				
		PROPERTY DAMAGE (Per accident) \$				
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE		MFUM07982108	10/11/2020	10/11/2021	EACH OCCURRENCE \$
		AGGREGATE \$ 2,000,000				
		\$ 2,000,000				
		DED RETENTION \$				
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/>
						E.L. EACH ACCIDENT \$
						E.L. DISEASE - EA EMPLOYEE \$
						E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate holder is an Additional Insured

**CERTIFICATE HOLDER****CANCELLATION**Nassau County  
1 West Street  
Mineola, NY 11501

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

04/30/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Aon Reed Stenhouse Inc. 700 de la Gauchetière, Suite 1900 Montreal, Quebec H3B 0A7 CANADA Aon Risk Services Central, Inc. 5600 West 83 <sup>rd</sup> Street, 8200 Tower, Suite 1100 Minneapolis, MN 55437 USA	<b>CONTACT NAME:</b> Maryse Jobin <b>PHONE (A/C, No, Ext):</b> 514.840.7787 <b>E-MAIL ADDRESS:</b> maryse.jobin@aon.ca <b>FAX (A/C, No):</b> 514.842.3458														
<b>INSURED</b> Demers Ambulance USA Inc. 1170 Production Drive Van Wert, OH 45891	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: HDI Global Insurance Company</td><td></td></tr><tr><td>INSURER B: HDI Global Insurance Company</td><td></td></tr><tr><td>INSURER C: Certain Lloyd's Underwriters</td><td></td></tr><tr><td>INSURER D: Certain Lloyd's Underwriters</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: HDI Global Insurance Company		INSURER B: HDI Global Insurance Company		INSURER C: Certain Lloyd's Underwriters		INSURER D: Certain Lloyd's Underwriters		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
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INSURER C: Certain Lloyd's Underwriters															
INSURER D: Certain Lloyd's Underwriters															
INSURER E:															
INSURER F:															

**COVERAGES****CERTIFICATE NUMBER: 9****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> _____ <input type="checkbox"/> _____ GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER: B		<input type="checkbox"/>	GLD5570600	04/30/2020	04/30/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Each occurrence) \$ MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<b>MASTER GENERAL LIABILITY</b> <input checked="" type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> DIC/DIL <input checked="" type="checkbox"/> Other than Umbrella GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER: C		<input type="checkbox"/>	01861772-14003	04/30/2020	04/30/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Each occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000 D		<input type="checkbox"/>	258103/2	04/30/2020	04/30/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
D	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000		<input type="checkbox"/>	CAEX13515	04/30/2020	04/30/2021	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of General Liability

**CERTIFICATE HOLDER****CANCELLATION**

To whom it May Concern

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

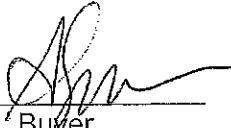
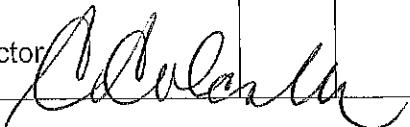


## FORMAL BID RECOMMENDATION

BID NUMBER 07003-04011-035 OPEN 04/01/21 TITLE: Ambulances  
DATE: 05/17/21 TO: BUYER -Anette Sullivan FROM:  
ADMINISTRATION

PLEASE REVIEW ATTACHED BID RESULT. NOTE YOUR RECOMMENDATION FOR AWARD.

FORWARD THIS TRANSMITTAL SHEET TOGETHER WITH BID FILE. RETAIN REQUISITION.

		Bid Results	
		Item	Bidder
<p>Date: 05/17/21 To: Supervisor From: Buyer Anette Sullivan</p> <p>List of recommended awards in accordance with the attached summary is shown in column at right. The reason for award to other than low bidder is indicated on the reverse side of this page.</p> <p> Buyer</p>			Recommendation for an award to be made
			LI Proliner.
			Bids were reviewed and approved by
			NCPD Emergency Ambulance Bureau
<p>Date: _____ To: Director From: Supervisor</p> <p><input type="checkbox"/> Concur <input type="checkbox"/> Disagree (See Reverse)</p>			Director, James O'Melia.
			See attached email.
<p>Date: <u>5/18/21</u></p> <p>To: Buyer <input checked="" type="checkbox"/> From: Director</p> <p><input type="checkbox"/> Approved for Award</p> <p><input type="checkbox"/> Hold award pending discussion</p> <p><input checked="" type="checkbox"/> Subject to Legislature Approval</p> <p> Director</p>			

## **Sullivan, Anette**

---

**From:** O'Melia, James <JOMelia@PDCN.ORG>  
**Sent:** Friday, April 16, 2021 12:01 PM  
**To:** Sullivan, Anette  
**Cc:** Colasurdo, Claudia  
**Subject:** Ambulance Bid

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

After an extensive review of the bids submitted for ambulances and in consultation with Assistant Commissioner Hart of NCPD and Assistant Director John Vangelli of NCPD FSB we have chosen LI Proliner. LI Proliner was the lowest bidder and met all the requirements set forth in the RFP. We are confident that they will be able to meet or exceed our needs.

Please do not hesitate to contact we if you should need further information.

Thank you for all your time and effort on this project.

James O'Melia  
Assistant Director  
Deputy Commanding Officer  
Emergency Ambulance Bureau  
Nassau County Police Department

OPENED: APRIL 1, 2021 AT 11 A.M.  
 BID NO: 07003-04011-035  
 REQ. NO: N/A  
 TITLE: AMBULANCES

ITEM #	ARTICLE	QTY.	UNIT	1	2	3	4	5	6	7	8	DETAILS OF AWARD
				GABRIELLI TRUCK SAL. LTD.	COMMANDE FLEET CORP.	LI PROLINE INC.	SPECIALTY HEARSE & AMBULANCE SALES CORP.					AWARD TO NO. AMOUNT
1	Ambulance			\$ 217,775.00	232,136.00	179,974.00	183,958.00					
2	2021 ford F350 4X4 NO liquid spring			\$ 58,824.00	216,178.00	-14,970.00	NB					
3	2021 ford f350 4X4 with liquid spring			\$ 69,214.00	224,603.00	-4,470.00	NB					
4	2021 XLT Ford F550 4x4 with liquid spring			\$ 74,969.00	232,136.00	5,789.00	-1,676.00					
5	2021 ford XLT f550 crew cab 4x4 with liquid spring			\$ 79,895.00	238,603.00	9,952.00	2,359.00					
6	Module size to a 170"with interior options to match			\$ 565,777.00	8,900.00	14,972.00	8,592.00					
7	Pass thru option with removal of rear 60% seat section & protective floor covering			\$ 1,269.00	0.00	1,560.00	285.00					
8	Rear seat storage unit made of 5/8 thick Gray UHMD poly			\$ 3,500.00	2,500.00	2,270.00	906.00					
9	Complete lettering and graphics package to match the existing fleet			\$ 3,150.00	4,000.00	4,395.00	3,652.00					
10	MDT charging doc with articulating arm installed and wired			\$ 1,869.00	350.00	1,473.00	520.00					
11	OEM diagnostic computer system software with 2yr subscription			\$ 2,000.00	NB	(NA)	1,800.00					
12	FORD premium care 5yr 150,000 miles extended warrantee			\$ 5,700.00	NB	5,465.00	6,185.00					
13	FORD premium care 7yr 150,000 miles extended warrantee			\$ 6500.00	NB	6489.00	6585.00					
14	Labor rate for all repairs to be performed on ambulance conversion			\$ 150.00	110.00	98.00	110.00					
15	Parts discount percentage off of list price for all ambulance conv. parts			\$ -20%	-10%	-10%	-20%					
16	Stryker Performance load with charger installed			\$ 7250.00	5942.00	7841.00	4882.00					
17	Stryker power cot with 4 steer wheels and o2 holder			\$ 20950.00	20102.00	18907.00	17848.00					
18	Stryker power load unit			\$ 25975.00	22960.00	24100.00	23204.00					
19	110V, 1500 Watt Auxiliary Heating System			\$ 750.00	2500.00	690.00	764.00					
20	Auxiliary Air Conditioning Condensor & Compressor			\$ 2426.00	4000.00	6960.00	4289.00					
21	Front Push Bumper			\$		2895.00	NB					
22	BUMPER TO ACCEPT DUAL SIREN SPEAKERS			\$ 6250.00	3500.00	230.00	STANDARD					
PREPARED BY		TERMS	NET	NET	NET	NET	NET	NET	NET	NET	NET	

Claudia Colasurdo hereby certifies that the bids listed above were opened at the time and place specified therein and that the above is a correct transcription from all original bids received.

Date

4/1/21 PUBLIC BID OFFICER

**Sullivan, Anette**

**From:** Slovensky, Stephen <Stephen.Slovensky@stonybrookmedicine.edu>  
**Sent:** Wednesday, April 21, 2021 1:38 PM  
**To:** Sullivan, Anette  
**Subject:** RE: LI Proliner

**Attention: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.**

Yes. We have been purchasing vehicles from them for many years.

No issues and they are attentive to our needs.

-Steve

Stephen Slovensky, MBA, FACHE  
Emergency Medical Services Director  
Stony Brook University Hospital  
Emergency Medical Services Room 4-188  
Stony Brook, NY 11794-8350

Office (631) 444-3911 Fax (631) 706-4237

**From:** Sullivan, Anette <asullivan1@nassaucountyny.gov>  
**Sent:** Wednesday, April 21, 2021 1:37 PM  
**To:** Slovensky, Stephen <Stephen.Slovensky@stonybrookmedicine.edu>  
**Subject:** FW: LI Proliner

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

See below please.

**From:** Sullivan, Anette  
**Sent:** Wednesday, April 21, 2021 1:34 PM  
**To:** [stephen.slovensky@stonybrookmedicine.edu](mailto:stephen.slovensky@stonybrookmedicine.edu)  
**Subject:** LI Proliner

Hello,

Your name has been given as a reference from LI Proliner.

Please let me know briefly, if you've done business with them and was your company satisfied.

Thank you,  
Anette Sullivan  
Buyer  
One West Street



Mineola, New York 11501

Phone (516) 571-6103

Fax (516) 571-4263

e-mail [asullivan1@nassaucountyny.gov](mailto:asullivan1@nassaucountyny.gov)



This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by e-mail and destroy all copies of the original.

## Sullivan, Anette

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**From:** Mike Cooper <MCooper@centereachfiredistrict.org>  
**Sent:** Wednesday, April 21, 2021 2:04 PM  
**To:** Sullivan, Anette  
**Subject:** Re: L I Proliner Reference

**Attention: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.**

Hello good afternoon yes we have done work with Proliner and very satisfied with them  
Ty  
Mike cooper

Sent from my iPhone

On Apr 21, 2021, at 1:37 PM, Sullivan, Anette <asullivan1@nassaucountyny.gov> wrote:

Please see below.

---

**From:** Sullivan, Anette  
**Sent:** Wednesday, April 21, 2021 1:35 PM  
**To:** mcooper@centerreachfiredistrict.org  
**Subject:** L I Proliner Reference

Hello,

Your name has been given as a reference from LI Proliner.

Please let me know briefly, if you've done business with them and was your company satisfied.

Thank you,  
Anette Sullivan  
Buyer  
One West Street  
Mineola, New York 11501  
Phone (516) 571-6103  
Fax (516) 571-4263  
e-mail [asullivan1@nassaucountyny.gov](mailto:asullivan1@nassaucountyny.gov)  
<image001.png>