

# Request for Proposals

Project: REQUEST FOR PROPOSALS (RFP)

2022 CITY OF KENAI FIRE DEPARTMENT

**NEW AMBULANCE PURCHASE** 

Release: May 6, 2022

Last day for Questions: May 18, 2022 by 4:00pm

Proposals Due Date: May 27, 2022 by 4:00pm at City Hall

Kenai City Hall

210 Fidalgo Avenue

Kenai, AK 99611

ATTN: Director of Public Works

Or by email at publicworks@kenai.city

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### **Advertisement for Proposals**

Project Name: 2022 City of Kenai Fire Department

New Ambulance Purchase

Proposal Documents Available: May 6, 2022

Last Day for Questions: May 18, 2022 @ 4:00 PM

Proposal Due Date: May 27, 2022 no later than 4:00 PM at City Hall

The City of Kenai plans to purchase a new ambulance to replace aging equipment. Proposers shall thoroughly review the RFP and provide any/all questions in writing to <a href="mailto:publicworks@kenai.city">publicworks@kenai.city</a>

Proposers should contact the Public Works Department at (907) 283-8236 or the email above to be placed on the plan holder's list to receive addenda.

RFP documents can be obtained on the City of Kenai website at <a href="https://www.kenai.city">www.kenai.city</a> or at City Hall for a non-refundable fee of \$25.00.

Publish: <u>Anchorage Daily News</u>- May 6, 2022

Peninsula Clarion - May 6, 2022 or 1st available after

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#### **REQUEST FOR PROPOSALS (RFP) INSTRUCTIONS**

#### 1.0 GENERAL INFORMATION

#### 1.1 Introduction

The purpose of this Request for Proposals is to provide the City of Kenai Fire Department with a new ambulance to replace aging equipment. Proposers shall thoroughly review the RFP and provide responses to the items requested within the specifications. The specifications are not intended to be exclusive, proposers may provide a written explanation in the event any of their specific equipment strays from the requested items and explain any possible benefit / conflict in regard to that specific item. It is the intent of the City of Kenai to award to the lowest cost responsive and responsible proposer, from a proven provider of comparable equipment, with consideration toward delivery time, conformity to specifications, warranty / service availability, and reference checks.

### 1.2 Background

The Kenai Fire Department is an ISO Class 3/5 rated municipal entity. The department is responsible for fire protection, emergency medical services, hazardous material response, and related emergencies within the Kenai City Limits and the Kenai Municipal Airport. The department is also responsible for non-emergency functions including fire investigations, code enforcement, fire inspections, and fire safety and injury prevention programs within the community.

#### 1.3 Questions

Any questions regarding this proposal are to be submitted <u>in writing</u> to the Public Works Department by no later than the time and date specified in the ad or addendum. Questions shall be emailed to publicworks@kenai.city. The subject line of the email should read: "Questions: 2022 KFD New Ambulance".

All questions will be answered and distributed to all prospective proposers via addendum. To receive project addenda, you must be on the plan holders list. To be placed on the plan holders list, please contact Scott Curtin by email at publicworks@kenai.city. Downloading project documents from the City web site does not automatically place you on the plan holders list.

#### 1.4 Preparation Costs

The City shall not be responsible for proposal preparation cost, nor for costs including attorney fees associated with any (administrative, judicial or otherwise) challenge to the determination of the highest ranked proposer and/or award of contract and/or rejection of proposal. By submitting a proposal, each proposer agrees to be bound in this respect and waives all claims to such costs and fees.

#### 1.5 Additional Services

This section is not applicable to this procurement

#### 1.6 Timeline

Release	May 6, 2022
Deadline for Questions	May 18, 2022
Proposals Due	May 27, 2022
Notice of Award (estimated)	June 6, 2021

These dates are approximate and subject to change.

#### 2.0 RULES GOVERNING COMPETITION

#### 2.1 Examination of Proposals

Proposers should carefully examine the entire Request for Proposal (RFP) and any addenda thereto, and all related materials and data referenced in the RFP. Proposers should become fully aware of the nature of the work and the conditions likely to be encountered in performing the work.

#### 2.2 Proposal Acceptance Period

Proposals must be irrevocable for sixty (60) days following the submission date.

#### 2.3 Confidentiality

The content of all proposals will be kept confidential until the selection of the Consultant is announced. At that time, the selected proposal is open for review by the competing proposers, excluding any tabulations and evaluations thereof. After the award of the Contract, all proposals, tabulations and evaluations will then become public information.

#### 2.4 Proposal Format

Proposals are to be prepared in such a way as to provide a straight forward, concise delineation of the proposer's capabilities to satisfy the requirements of this RFP. Emphasis should be concentrated on:

- (1) conformance to the RFP instructions;
- (2) responsiveness to the RFP requirements;
- (3) completeness and clarity of content.

#### 2.5 Signature Requirements

<u>All proposal transmittal letters and cost proposal forms must be signed</u>. A proposal may be signed by: an officer or other agent of a corporate vendor, if authorized to sign contracts on its behalf; a member of a partnership; an owner of a privately-owned vendor; or other agent if properly authorized by a power of attorney or equivalent document. The name and title of the individual(s) signing the proposal must be clearly shown immediately below the signature.

#### 2.6 Proposal Submission

Three (3) copies of the technical proposal are to be submitted to the City of Kenai Public Works Department at 210 Fidalgo Avenue, Kenai, AK 99611, along with one (1) copy of the Cost Proposal in a <u>separate sealed</u> envelope. These four (4) documents shall be submitted in a sealed envelope clearly marked with the proposer's and RFP name.

### 2.7 Tax Compliance

Kenai City Code requires that businesses or individuals contracting to do business with the City be in compliance with the Kenai Peninsula Borough tax provisions. No contract will be awarded to any individual or business found to be in violation.

#### 2.8 Licenses and Certifications

Proposers shall include with their proposals copies of all licenses, certificates, registrations and other credentials required for performance under the contract. Documentation must be current and must have been issued by or under authority of the State of Alaska or, if documentation is from an outside jurisdiction, such documentation must be accepted as valid by the State of Alaska for performance in Alaska. Such documentation shall include, but is not limited to, Alaska business license and applicable professional licenses, registrations and certificates.

#### 2.9 News Releases

News releases pertaining to the award resulting from the RFP shall not be made without prior written approval of the City of Kenai's City Manager.

#### 2.10 Disposition of Proposals

All materials submitted in response to this RFP will become the property of the City of Kenai. One copy shall be retained for the official files of the Public Works Department and will become public record after award of the Contract.

#### 2.11 Oral Change/Interpretation

No oral change, or interpretation, of any provision contained in this RFP is valid whether issued at a pre-proposal conference or otherwise. Written addenda will be issued when changes, clarifications, or amendments to proposal documents are deemed necessary by the City.

Proposer shall acknowledge receipt of addenda in the space provided on the Proposal Form. Only a proposal acknowledging receipt of all addenda may be considered responsive, unless the addendum, in the opinion of the City Manager, would have no material effect on the terms of the proposal. The City Manager may elect to allow a proposer to acknowledge receipt of addenda after opening proposals.

#### 2.12 Replacement of Submitted Proposals

Replacements will be accepted by the City, and binding upon the responding firm, only if it is received by the City at the place designated for submission prior to the scheduled deadline and meets all other RFP conditions.

#### 2.13 Late Submissions

Proposals not received prior to the date and time specified in this RFP will not be considered.

#### 2.14 Withdrawal of Proposals

At any time prior to scheduled closing time for receipt of RFP submittals, any responding firm may withdraw their submittal, either personally or by written request. However, a proposal may not be withdrawn after opening without the written consent of the City.

#### 2.15 Acceptance – Rejection of Proposals

The City may reject any or all proposals if the City Manager determines that it is in the best interest of the City and may waive irregularities, other than the requirements for timeliness and manual signature, if the irregularities do not affect the competitive advantage of any proposer.

### 2.16 Choice of Law and Jurisdiction

The laws of the State of Alaska shall govern this RFP, and any legal action brought thereon shall be filed in the Third Judicial District at Kenai, Alaska.

#### 2.17 Conflicts of Interests

No member of the governing body of the City of Kenai or other officer, employee or agent of the City who exercises any functions or responsibilities in connection with the carrying out of the project shall have any personal interests, direct or indirect, in any ensuing contract as a result of

this Request for Proposal, without first disclosing his/her potential conflict, by submitting a letter to the Clerk's Office establishing their "intent to do business with the City." The contractor for itself and its principal employees, officers, agents, directors or shareholders covenants that neither the contractor nor any of the listed classes of individuals has nor shall acquire any interest, direct or indirect, in the project, direct or indirect, to which the contract pertains which would conflict in any manner or degree with the performance of its work hereunder. The selected proposer further covenants that in its performance of the contract no person having such interest shall be employed, without first disclosing his/her potential conflict.

### 2.18 Insurance Requirements

Proposer will review the insurance requirements as indicated in Section 5 of the General Conditions on page 2 of the sample agreement. The successful Proposer will be expected to provide an insurance certificate meeting the coverage amounts requested with the City of Kenai listed as an additional insured, after issuance of the Notice of Award and prior to execution of the agreement.

#### 3.0 SCOPE OF WORK

- 3.1 Project Description See attached list of specifications and provide responses for each area requested.
- 3.2 This purchase will include a pre-build, mid-build and post build inspection to take place in coordination with representatives from the City of Kenai. The pre-build and post build inspections will take place at the proposer's facility in the presence of City representatives, the mid-build may be conducted by Video Conference. <u>Transportation costs will be included within proposal for two City of Kenai representatives travel, lodging and per diem from the City of Kenai to the proposer's manufacturing facility.</u>

#### 4.0 PROPOSAL AND SUBMISSION REQUIREMENTS

To achieve a uniform review process and obtain the maximum degree of comparability, it is required that the proposals be organized in the manner specified below.

#### 4.1 Letter of Transmittal

Briefly state your firm's understanding of the services to be performed and make a positive commitment to provide the services as specified.

List name(s) of the person(s) who are authorized to make representations for your firm, their titles, address, and telephone numbers.

The letter must be signed by a corporate officer or other individual who has the authority to bind the firm.

#### 4.2 Supplier's Experience

Detail the firm's experience in the same or similar areas of expertise.

Provide at least three (3) references, preferably Alaska based, for which your firm has provided the same or similar equipment within the last five years. Include a point of contact, telephone number, e-mail address, and a brief description of the equipment provided.

#### 4.3 Conformity to Specifications

The City of Kenai currently has three ambulances, a 2003 Ford F450 Diesel, a 2012 Ford F450 Diesel, and a 2016 Dodge Ram 4500 Gas. This RFP will replace the 2003 unit. The attached specifications request a variety of features to be provided within the new unit. This section shall highlight the proposer's ability to provide the items requested.

### 4.4 Timeline for Delivery

Execution of agreement will include a timeline for completion. The successful Proposer will have reasonable expectations from their suppliers and will be required to commit to a delivery date. The City of Kenai will be kept apprised of project milestones throughout the fabrication process including receipt of chassis, start of upfitting, completion of unit, ship date, arrival date.

#### 4.5 Cost Proposal

The Cost Proposal is to be provided in a separate sealed envelope from the technical proposal. The City will not open the cost proposal until after evaluations are complete.

#### 4.5.1 Cost Proposal Form

Complete the Cost Proposal Form provided with this RFP.

#### 5.0 EVALUATION PROCESS AND CRITERIA

#### 5.1 Evaluation Process

A committee of individuals representing the City of Kenai will perform evaluation of the proposal. The committee will rank the proposal as submitted based on the criteria presented in Section 5.3.

#### 5.3 Criteria

Ranked criteria will be used to determine the best value proposal. Proposals will be evaluated using the weighted categories described below. Each of three evaluators A numeric score

between zero and one will be assigned to each proposal for each category. The proposal determined to best meet the criteria of a category will be assigned a value of ten. The other proposals will be assigned a score based on how far off they are from the highest ranking proposal.

#### 5.3.1 Supplier's Experience (15 points)

This category accounts for experience in similar equipment installations as well as the ability of the supplier to provide the required services. Specific experience to Alaska will be scored higher than out of state experience. Proposer's ability and track record of providing service in Alaska will be scored higher than out of state service.

#### 5.3.2 Conformity to Specifications (15 points)

This category represents the ability of the proposer to comply with specifications of module construction and chassis requirements. This includes dimensions, configuration, and required appurtenances and equipment. Overall confidence in the ability of the equipment to meet the scope of work is also assessed under this criterion. Proposer's able to more closely provide all of the requested features will score higher than those that cannot.

#### 5.3.3 Timeline for Delivery (10 points)

Understanding concerns surrounding the supply chain shorter delivery times will be scored higher than longer delivery times. Detailed information on chassis availability provided from the manufacturer will be scored higher than without. It is anticipated that a new ambulance will arrive in Kenai approximately sixteen (16) months from execution of agreement. In the event a 2023 Chassis is just not available, proposers are encouraged to submit a proposal with an alternative estimated timeline for delivery.

#### 5.3.4 Cost (60 points)

The lowest total cost will be assigned the full score. The remaining proposals will be assigned a fraction of the full score in proportion to the cost difference.

#### 6.0 SELECTION PROCESS

The Proposer with the highest total evaluation points may be invited to enter into contract negotiations with the City of Kenai. If an agreement cannot be reached with the highest ranked Proposer, the City shall notify the proposer and terminate the negotiations. If proposals are submitted by one or more other proponents determined to be qualified, negotiations may then be conducted with such other proposers in the order of their respective rankings. This process may continue until successful negotiations are achieved. The City of Kenai reserves the right to reject any and all proposals submitted.

#### 7.0 APPEAL PROCEDURE

Any party submitting a proposal for this procurement and who believes that they are adversely affected by the City's procurement process, or by any acts of the City in connection with the award of a City contract, may file a protest appeal with the City's Public Works Director. All protest appeals must be filed with the City within 10 days of the issuance of the City's notice of its intent to award the contract. The City Manager will decide the appeal. The protest appeal must be in writing and shall include the following information:

- A. the name, address, e-mail, and telephone and facsimile numbers of the protester;
- B. the signature of the protester or the protester's representative;
- C. identification of the solicitation or contract at issue;
- D. a detailed statement of the legal and factual grounds of the protest, including copies of relevant documents; and,
- E. the form of relief requested.

The protest appeal may be hand-delivered, faxed, or sent by U.S. mail with postage prepaid to the attention of the Public Works Director, 210 Fidalgo Avenue, Kenai, AK 99611. Regardless of the method of delivery chosen by the protester, all protest appeals must be actually received by the City within 10 calendar days of the issuance of the City's notice of intent to award. If the tenth day is a City-recognized holiday or a weekend, the deadline for appeal shall be the next work day. It is up to the protester to choose a method of delivery to assure timely receipt by the City.

The City Manager shall decide the protest appeal and issue a written decision under the following general procedures:

- A. If the City Manager sustains a protest in whole or in part, the City Manager shall implement an appropriate remedy.
- B. In determining an appropriate remedy, the City Manager shall consider the circumstances surrounding the solicitation or procurement including the seriousness of the procurement deficiencies, the degree of prejudice to other interested parties or to the integrity of the procurement system, the good faith of the parties, the extent the procurement has been accomplished, costs to the agency and other impacts on the agency of a proposed remedy, and the urgency of the procurement to the welfare of the City.

C. Notwithstanding subsections A and B immediately above, if the City Manager sustains a protest appeal in whole or part, the protester's damages shall not exceed the reasonable proposal preparation costs.

The City Manager shall deliver his or her determination of the protest appeal in writing to the protester by hand-delivery at the protester's place of business or other address or via U.S. Mail or facsimile, and shall be effective immediately upon receipt if hand-delivered, upon receipt of delivery confirmation if sent by facsimile or, if mailed, three days after placement in the U.S. Mail.

A party filing a protest appeal may appeal the City Manager's decision to the Kenai Superior Court.

#### 8.0 SAMPLE CONTRACT OR MINIMUM MANDATORY CONTRACT PROVISIONS

In addition to carefully reading all of the information in the RFP, all Proposers must carefully read and review the attached sample contract. The successful Proposer shall be required to enter into a Contract with the City of Kenai, which will be substantially similar to the sample.

Therefore, the Proposer must identify any proposed changes to the sample Contract per the procedures detailed in Section 1.3 of this RFP.

If no changes are made, the proposer shall be deemed to have accepted the sample contract. If the respondent makes changes, such changes will be considered in any negotiations with the City. Changes made to the sample contract shall not be considered during the evaluation process.

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# CITY OF KENAI COST PROPOSAL FORM – KFD AMBULANCE PURCHASE

In submitting this proposal, we certify the Addenda Nos, and ha under this proposal, we hereby agree to the identified on this proposal.	ve included their provisions i	n our pr	oposal. If awarded a contract
For Evaluation Purposes a breakdown of	all costs shall also be included	d.	
TOTAL NOT TO EXCEED LUMP SUM, for a	all services required	:	\$ Numerical amount
Dollars			
	Written Amount		
Firm Name			
Tim Name			
Address			
City	State		Zip
Telephone	Fax		
E-mail address:			
Representative	Title		
By executing this proposal I certify consulting firm or other business of			
Signature	Date		

This Cost Proposal Form and other Cost Proposal documents are to be submitted in a separate sealed envelope.

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# Tax Compliance Certification Kenai Peninsula Borough Finance Department

144 N. Binkley Street

Phone: (907) 714-2197

Soldofna, Alaska 99669-/599 www.kpb.us		or: (907) 714-217 Fax: (907) 714-237	
1.) Fill in all information requested.	2.) Sign and date. 3.) Submit v	vith solicitation, or oth	er. For Official Use Only
Reason for Certificate:		For Department	:
☐ Solicitation ☐ Other:		Dept. Contact:	
Business Name:			·
Business Type:	☐ Individual ☐ Corpora	ition 🗌 Partnershi	o Other:
Owner Name(s):			
Business Mailing Address:			
Business Telephone:		Business Fax:	
Email:			
Peninsula Borough? (If yes, please Yes No Kenai Peninsu contracting to do business with th	supply the following account la Borough Code of Ordinan le Kenai Peninsula Borough b	numbers and sign be aces, Chapter 5.28.14 be in compliance with	r personal property within the Kenai elow. If no, please sign below.)  0, requires that businesses/individuals a Borough tax provisions. No contract Borough Code of Ordinances in the
REAL/PERSONAL/BUSINESS PROF	PERTY ACCOUNTS	TAX ACCOUNTS	S/STATUS (TO BE COMPLETED BY KPB)
ACCT. NO.	ACCT. NAME	YEAR LAST PAID	BALANCE DUE
			In Compliance   Notice Compliance
KPB Finance Department (signature	required)	Date	In Compliance
SALES TAX ACCOU	NTS	TAX ACCOUNTS	/STATUS (TO BE COMPLETED BY KPB)
	ACCT. NAME	FILED THRU	M/F's BALANCE DUE
			In Compliance 🔲 Not in Compliance
KPB Sales Tax Division (signature rec	- ηuired)	Date	
CERTIFICATION: I,(Name o	the		, hereby certify that, to the
(Name o best of my knowledge, the above i		(Title)  (Date)	

Signature of Applicant (Required)

## NON – COLLUSION AFFIDAVIT

(To be executed an	d submitted with Bid Proposal)							
I,	of							
	of							
being duly sworn, do depose and state	:							
	n of which I am a member, who bid on the Contrac the construction of that certain construction projec							
2022 CITY OF KENAI FIRE DEPA	RTMENT NEW AMBULANCE PURCHASE							
	of Alaska, have not, either directly or indirectly ed in any collusion, or otherwise taken any actior in connection with such Contract.							
	Signature							
	Name							
	Title							
	Date							
ACKNOWL	EDGMENT							
STATE OF ALASKA )								
THIRD JUDICIAL DISTRICT )								
The foregoing instrument was acknowl 2022, by	edged before me this day of							
	NOTARY PUBLIC for State of Alaska My Commission Expires:							

Contractor's Printed Name:  Contractor's Fed. Tax ID #:	All-America City	THE CITY OF K SHORT FORM AGR This agreement is not valid until prope and accompanied by a valid City of I	<b>EEMENT</b> rly signed by the parties	City of Kenai 210 Fidalgo Ave. Kenai, AK 99611 907-283-8236
CONTRACTOR WILL PROVIDE THE CITY OF KENA	I THE FOLLOW	ING SERVICE(S);		
Interpretation: The following documents are incorpora 1. Addenda 2. Proposal / Drawings / Instructions to Bidders 3. This Short Form Agreement 4. General Conditions (See page two / reverse of this to 5. Contractor's Proposal		•	g order of precedence:	
Contractor's compensation will be (In words and numb	pers):			
Time of commencement and completion:				
BY SIGNING BELOW, THE CONTRACTOR HEREBY ACCEPTS ALL TERMS AND CONDITIONS OF THIS CONDITIONS	AFFIRMS THA AGREEMENT	AT HE OR SHE HAS READ AND INCLUDING THE GENERAL	Contractor's Addre	ss & Phone / Fax Numbers:
Contractor's Signature		Date		
Recommended by:	Purchase Orde	er Number:	Approved by City Manag	ger:
Signature Date			Signature	Date

Short Form Agreement Revised 12-21-2018

#### **GENERAL CONDITIONS**

Section 1. Execution of This Agreement. This agreement is not valid until properly signed by the parties and accompanied by a valid City of Kenai Purchase Order.

Section 2. Independent Contractor. The Contractor shall provide services as an independent contractor to the City.

Section 3. Compliance With Laws. The Contractor shall comply with all statutes, ordinances, and regulations governing its performance, post all required notices, and obtain all permits, licenses, and other entitlements necessary to its performance. The Contractor shall pay all taxes related to its performance and shall be current on all borough taxes at the time of entering this agreement. The Contractor shall acquire and maintain in good standing all permits, licenses; and other entitlements necessary to the legal performance of this agreement.

#### Section 4. Equal Employment Opportunity.

- A. The Contractor will not discriminate against any applicant for employment because of race, color, religion, national origin, ancestry, age, sex, marital status, or mental or physical handicap. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to the characteristics listed above. Such action shall include, without limitation, employment, upgrading, demotion or transfer, recruitment or recruiting or recruiting advertising, lay-off or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Contractor will post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- B. The Contractor shall state in all solicitations or advertisements for employees to work on agreement jobs, that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, age, sex, marital status, or physical or mental handicap.
- C. The Contractor shall include the provisions of subsections A and B of this section in every subcontract or purchase order under this agreement, so as to be binding upon every subcontractor or vendor of the Contractor under this agreement.

Section 5. Insurance. During the term of this agreement the Contractor shall maintain a policy of workers' compensation and employers' liability insurance as required by law. Contractor shall also be required to carry Commercial general liability with minimum coverage of \$1,000,000 and automobile liability insurance with minimum coverage of \$1,000,000 combined single limit bodily injury and property damage per occurrence. This insurance shall be primary and exclusive of any other insurance carried by the City of Kenai. The commercial general liability insurance shall be without limitation on the time within which the resulting loss, damage, or injury is actually sustained. Certificate(s) of Insurance shall be provided by Contractor and all subcontractors, or their Insurance Companies and/or their Agents, naming the City of Kenai as an additional insured for the work specified in this contract with a waiver of subrogation for commercial general liability insurance and automobile liability insurance. The certificates of insurance must reference the specific contract by name and project number. Workers compensation insurance must be endorsed for waiver of subrogation against the City. Such insurance shall be by a company/corporation currently rated "A-"or better by A.M. Best. If providing professional services, \$1,000,000 against any claim arising out of professional liability/errors or omissions of Consultant and/or Consultant's subcontractors must be provided.

Section 6. Assignments. Unless the City provides otherwise in writing, any assignment by the Contractor of its interest in any part of this agreement or any delegation of its duties shall be void, and permit the City to terminate this agreement without liability for work performed.

Section 7. Ownership, Publication, Reproduction, and Use of Material. Unless the City provides otherwise in writing, all data, documents, and materials that the Contractor produces shall be property of the City, which shall retain the exclusive right to publish, disclose, distribute and otherwise use, in whole or in part, any such data, documents, or other materials. This exclusive right does not apply to any materials presently in the public domain or not subject to copyright.

Section 8. Indemnity. The contractor shall indemnify, hold harmless, and defend the City at its own expense from and against any and all claims, losses, damages or expenses, including reasonable attorney's fees, of, or liability for, any wrongful or negligent acts, errors, or omissions of the contractor, its officers, agents or employees, or any subcontractor under this agreement. The contractor shall not be required to defend or indemnify the City for any claims of, or liability for, any wrongful or negligent act, error, or omission solely due to the independent negligence of the City. If there is a claim of, or liability for, the joint negligence of the contractor and the independent negligence of the City, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. Apportionment shall be determined upon final determination of percentage of fault. If any such determination is by settlement, the percentage of fault attributed to each party for purposes of this indemnification provision shall only be binding upon the parties included in the settlement agreement. "Contractor" and "City" as used in this article include the employees, agents, officers, directors, and other contractors who are directly responsible, respectively, to each. The term "independent negligence of the City" is negligence other than in the City's selection, administration, monitoring, or controlling of the contractor and in approving or accepting the contractor's work.

#### Section 9. Termination.

This agreement may be terminated for cause immediately or by the City for its convenience upon fifteen (15) days' written notice to the Contractor.

Upon termination and the Contractor's furnishing to the City all finished and unfinished data, documents or other materials prepared under the agreement, the City shall pay the Contractor for all satisfactory work performed before termination.

Section 10. Nonwaiver. Either party failing to enforce a provision of this agreement does not waive the provision or affect the validity of the agreement or a party's right to enforce any provision of the agreement.

Section 11. Jurisdiction and Choice of Law. Any civil action arising from this agreement shall be brought in the trial courts for the Third Judicial District of the State of Alaska at Kenai. The laws of the State of Alaska govern this agreement.

Section 12. Integration. This document and all documents incorporated in it by reference are the entire agreement of the parties and supersede all previous communications, representations or agreements regarding this subject, whether oral or written, between the parties.

Short Form Agreement Revised 12-21-2018

# CONTRACTOR'S RELEASE AND AFFIDAVIT OF PAYMENTS OF DEBTS AND CLAIMS ("Release")

PROJECT NAME: 2022 CITY OF KENAI FIRE DEPARTMENT NEW AMBULANCE PURCHASE

The undersigned, being first duly sworn, deposes and says:

	The undersigned, being first duty sworn, de	eposes and says.
and e indebte connec diligen	quipment furnished for all work, labor, edness and claims for which the Contractor ction with performance under this contract.	between the the undersigned hereby certifies that, otherwise satisfied all obligations for materials and services performed and for all known or the City of Kenai is or may become liable in The Contractor warrants that he has made not of any such claim, debt, or liability and that ed, or disputed, have been satisfied.
equipn agent	whatsoever to any employee or agent of the nent or materials from any employee of the t	extend any loan, gratuity, or gift of money of any the City, that he did not rent or purchase any City, nor to the best of his knowledge, from any las not made any promise to an employee or after completion of the subject contract.
amour City of charge whethe	nt of \$, the undersigned 0 Kenai, its officers, agents and employees e, demand, liability, or other obligation who	and in consideration of the final payment in the contractor hereby releases and discharges the of and from any and all further claim, debt, atsoever under or arising from said contract, accrtainable at the time of the execution of this g and irrevocable.
1	The Contractor shall indomnify defend so	vo and hold the City, its closted and appointed

4. The Contractor shall indemnify, defend, save and hold the City, its elected and appointed officers, agents and employees, harmless from any and all claims, demands, suits, or liability of any nature, kind or character including costs, expenses, and attorneys fees resulting from Contractor or Contractor's officers, agents, employees, partners, attorneys, suppliers, and subcontractors' performance or failure to perform this Agreement in any way whatsoever. This defense and indemnification responsibility includes claims alleging acts or omissions by the City or its agents which are said to have contributed to the losses, failure, violations, or damage. However, Contractor shall not be responsible for any damages or claim arising from the sole negligence or willful misconduct of the City, its agents, or employees. Contractor and subcontractors shall also not be required to defend or indemnify the City for damage or loss that has been found to be attributed to an independent contractor directly responsible to the City under separate written contract.

# CONTRACTOR'S RELEASE AND AFFIDAVIT OF PAYMENTS OF DEBTS AND CLAIMS ("Release")

If any portion of this Release is voided by law or court of competent jurisdiction, the remainder of this Release shall remain in full force and effect. IN WITNESS WHEREOF, this Release has been executed this \_\_day of \_\_\_\_\_\_, 2022. (Contractor's signature) Title **ACKNOWLEDGMENT** STATE OF ALASKA SS THIRD JUDICIAL DISTRICT THIS IS TO CERTIFY that on this \_\_\_\_\_ day of \_\_\_\_\_, 2022, before the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and sworn, personally appeared \_\_\_\_\_\_, who, having produced satisfactory evidence of identification, and having acknowledged the voluntary and authorized execution of the foregoing instrument for the purposes therein mentioned, executed the above and foregoing instrument. Notary Public for Alaska My Commission Expires: \_\_\_\_\_

(NOTE: In case of a corporation, the attached Certificate of Authority must be completed by a corporate officer other than the one who signs above.)

SAMPLE

Alaska Department of Commerce, Community, and Economic Development P.O. Box 110806, Juneau, Alaska 99811-0806

ALASKA BUSINESS LICENSE	
The licensee named below holds Alaska Business License Number	
Covering the period of: through Line of Business:	
COMPANY NAME	
ADDRESS	
Owner:	
NAME OF OWNER	
This license shall not be taken as permission to do business in the state without having complied with The other requirements of the laws of the State of Alaska or of the United States.	
Alaska Department of Commerce, Community, and Economic Developme	
Commissioner:	_
This license must be posted in a conspicuous place at the business location. It is not transferable or assignable.	
SAMPL	E
	.E
No STATE OF ALASKA	.E
No STATE OF ALASKA  Effective: DEPARTMENT OF COMMERCE, COMMUNITY & ECONOMIC	.E
No STATE OF ALASKA  Effective: PERAPIMENT OF COMMERCE COMMUNITY & ECONOMIC	E.
No Effective: Expires:  DEPARTMENT OF COMMERCE, COMMUNITY & ECONOMIC DEVELOPMENT Division of Occupational Licensing	.E
No STATE OF ALASKA  Effective: Expires: DEPARTMENT OF COMMERCE, COMMUNITY & ECONOMIC DEVELOPMENT	Ē.
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No STATE OF ALASKA  DEPARTMENT OF COMMERCE, COMMUNITY & ECONOMIC DEVELOPMENT Division of Occupational Licensing  Division of Occupational Licensing  Certifies that  COMPANY NAME	E



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

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(les) must 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

PRODUCER		CONTACT NAME:	312	
		PHONE (A/C, No. Ext):	FAX (A/C, No):	ic
		E-MAIL ADDRESS:		
		INSURER(S) AFFORDING COVERAGE		
		INSURER A		:
INSURED		INSURER B:		
		INSURER C:		
		INSURER D:		
		INSURER E :		
		INSURER F:		
COVERAGES	CERTIFICATE NUMBER:		REVISION NUMBER:	
INDICATED. NOTWITH	HAT THE POLICIES OF INSURANCE LISTED BELOW STANDING ANY REQUIREMENT, TERM OR CONDITI ISSUED OR MAY PERTAIN, THE INSURANCE AFFO	ON OF ANY CONTRACT OR OTHE	ER DOCUMENT WITH RESPECT TO	WHICH THIS

EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSF	TYPE OF INSURANCE	ADD	SUBR		POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
(	GENERAL LIABILITY  X COMMERCIAL GENERAL LIABILITY							EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	1,000,000
A	SHAME MADE K OCCUR	х	Х	7				MED EXP (Any one person)	\$	5,000
			+-					PERSONAL & ADV INJURY	\$	1,000,000
								GENERAL AGGREGATE	\$	2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:							PRODUCTS - COMP/OP AGG	\$	2,000,000
	X POLICY PRO-								5	
	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
A	X ANY AUTO		-					BODILY INJURY (Per person)	\$	<u> </u>
12	ALL OWNED SCHEDULED AUTOS	X	X				a a	BODILY INJURY (Per accident)	\$	
	HIRED AUTOS NON-OWNED AUTOS	-	-					PROPERTY DAMAGE (Per accident)	\$	
								Underinsured motorist	\$	1,000,000
	X UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$	
A	EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$	4,000,000
	DED TRETENTIONS 10,000				170-1-170 July 180 Ju				\$	
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			1000000				X WC STATU- OTH-		
	ANY PROPRIETOR PARTNER/EXECUTIVE	N/A				i.		E.L. EACH ACCIDENT	\$	1,000,000
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	1	_			pa		E.L. DISEASE - EA EMPLOYEE	\$	1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below		X					E.L. DISEASE - POLICY LIMIT	\$	1,000,000

DESCRIPTION OF OPERATIONS (LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

### Re: PROJECT NAME

Certificate Holder is an Additional Insured on General Liability & Automobile policies, but only with respect to work done by or on behalf or the named insured for the project referenced. The Certificate Holder is granted Waiver of Subrogation on the General Liability, Automobile and Workers' Compensation policies as respects the referenced project

CERTIFICATE HOLDER	CANCELLATION
City of Kenai	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
210 Fidalgo Ave Kenai, AK 99611	AUTHORIZED REPRESENTATIVE

ACORD 25 (2010/05)

#### **CITY OF KENAI**

Type 1 KKK-1822F Compliant 4x4 Medic Unit & Equipment

#### **SPECIFICATIONS**

It is the intent of these specifications to clearly describe the furnishing and delivery of a complete apparatus equipped as specified. The primary objective of these specifications is to obtain the most acceptable apparatus for service in the Fire Department. These specifications cover specific requirements as to the type of construction and tests the apparatus must conform, together with certain details as to finish, material preferences, equipment and appliances with which the successful bidder must conform.

1	l CHAS	S	IS	

#### 1.01 OEM CHASSIS

- 2023 Dodge/Ford 4500, 4 x 4, meeting all the specifications of Section 1.01.
- OEM length of warranty
- Additional points for extended warranty options
  - Ambulance Prep. Group
  - Dual Rear Wheels
  - Provided by Manufacturer

COMPLY	YES	NO	APPROVED ALTERNATE

#### 1.01.01 SPECIFIC RATINGS

- Drive 4 x 4
- Wheelbase 168.5"
- Cab to Axle 84"
- Anti-Spin Differential Rear Axle

#### COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

#### 1.01.02 POWER TRAIN

- Engine
  - Gas engine
  - Engine Block Heater (Cold Weather Group)
- Engine Cooling System
  - Heavy duty
- Transmission
  - Auxiliary Transmission Oil Cooler
  - Electronic Shift on the Fly Transfer Case
- Exhaust System
  - Discharge at right rear side of module
  - Tailpipe shall not terminate within twelve (12) inches of the vertical axis of the fuel tank filler opening.

COMI E1 125110111 110 122 1121 E1111112	COMPLY	<b>YES</b>	NO	<b>APPROVED</b>	ALTERNATE
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## 1.01.03 **STEERING** Power assisted Tilt steering wheel **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ 1.01.04 SHOCK ABSORBERS/STABILIZER BARS • OEM Heavy-duty shock absorbers front OEM front stabilizer bars **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ 1.01.05 **BRAKES** • Anti-Lock, Four-Wheel Disc YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY** 1.01.06 TIRES AND WHEELS • Seven (7) Mud and snow Spare tire and steel wheel shipped loose **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ 1.01.07X **ELECTRICAL** • Alternators – OEM Dual rated at 380 Amps or larger • Batteries – OEM Dual largest CCA available • Electronic Monitoring Module • Voltage Monitoring Auto Idle Up System YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY** 1.01.08 INSTRUMENT PANEL AND CONTROLS Gauges Trip odometer Speedometer Voltmeter Fuel Coolant temperature Oil pressure Tachometer • Engine Hour Meter • Temperature and Compass Gauge Controls – Cruise Audio – OEM AM/FM

## **COMPLY** YES NO APPROVED ALTERNATE 1.01.09 **CAB EXTERIOR** • Horn – OEM dual note electric • Windows – Tinted safety glass Windshield wipers – Variable, Intermittent Mirrors Two (2) black, Trailer Tow with convex Supplemental Signals and Courtesy Lamps Power, Heated glass • Bright Front Bumper and Grille • Two (2) Front Tow Hooks • Lighting Daytime Running Headlamps, low beam Clearance Lamps **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ 1.01.10 **CAB INTERIOR** • Seats – OEM Cloth or vinyl bench seat 40/20/40 Combination lap and shoulder harness Retractable arms on inside, side door armrest Climate Control – OEM Heavy duty, fresh air, high capacity heater/defroster Dehumidifying air conditioning system Interior Upgrade Package Cloth Headliner Sun Visors Black Vinyl Floor Covering Power Windows & Power Door Locks, with FOB Lights and Convenience Group Courtesy light switches on all doors Warning chimes Headlight-on audible alert Illuminated entry YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY** 1.01.11 COLORS Exterior – Red (Chassis & Module to match) Interior – Dark Slate/Medium Graystone or similar

YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

**COMPLY** 

### 1.02 CHASSIS MODIFICATIONS

The following modifications will be made to the chassis by manufacturer.

### 1.02.03 SIMULATORS/VALVE STEM EXTENDERS

Stainless steel wheel simulators shall be installed on all outer wheels, with braided valve stem extenders on all four rear wheels

extenders on a	Il four rea	ir wheels.	
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
Heat shields sh	nall be bo ehind the	lted to ch	T SHIELDS assis frame and extend from back of cab to the frame cross . Access openings shall be provided for shock absorber,
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	led on bot	th sides of	RDS f the vehicle. They shall be made of polished aluminum bly shall be securely mounted with stainless steel bolts.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
Two (2) rear re		yes, rated	TES at 10,000 lbs. per pair, shall be installed in recessed pockets. nese eyes shall not be used for towing or lifting of emergency
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	MUD FI		nd each rear wheel.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
Two (2) Air H valance of the	orns or el bumper.	ectronic a A driver's	lectronic air horn air horns shall be added to the OEM chassis, mounted in the a foot switch shall be provided. Air horn only to operate with disabled with chassis doors open.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
1.02.12B Shall be an int			VER'S CONSOLE iver's console. (Section 6.09 related)
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE

installed insid	de the rear	curbside j	ent entrance door is opened. A dump override switch shall be passage door. The LiquidSpring control panel shall be installed the steering wheel.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	_	ll be insta	TING alled in the cab headliner centered between the driver and the led by a switch on the light head.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
1.02.45X Insulation sha	CAB IN		ON een the OEM headliner and the cab roof to reduce noise.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
			CQUIPMENT y FOB's for the chassis.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
1.03	MODUI	E-TO-C	HASSIS MOUNTING SYSTEM
	shall be bol on pad bet	ted to the ween the	NTING SYSTEM chassis frame. Each mounting location shall include a hard chassis frame and the module lateral frame. All bolts shall be
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	shall be atta	ached to t	TLE ATTACHMENT  the cab with a flexible watertight boot to allow cab-body flex as turer. A painted insert shall be installed.
COMPI V	VFS	NO	APPROVED ALTERNATE

All material utilized shall be of the correct type, alloy, and thickness to withstand the intended usage and provide protection against cracking, corrosion, or metal fatigue. All materials utilized

Shall be LiquidSpring rear suspension system, installed with a dump feature to activate when the

Type 1 KKK-1822F Compliant 4x4 Medic Unit(s) & Equipment Bid Form

MODULAR CONSTRUCTION

1.02.14X

**REAR SUSPENSION** 

shall be of open stock origin, commonly available through local sources, for rapid and economical repair or modification of the body. Any use of proprietary parts or materials in the construction of the body is unacceptable, due to potential delays or difficulties in future repairs or service. NO EXCEPTIONS TO BE TAKEN IN THIS AREA. This specification has been designed and written to fill specific needs of this agency. Where compartment and cabinet sizes have been specified, bidder must bid substantially (plus or minus 1") the size specified. The module shall have a transferable lifetime structural warranty.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

#### 2.01 MATERIAL (Recommended)

EXTRUSIONS	SIZE	ALLOY
Structural Tubing	1" x 2" x 0.125" sq.	6063-T52
Structural Tubing	2" x 2" x 0.125" sq.	6063-T52
Cross Members	3" x 3" x 0.375"	6061-T6
Cross Members	1.5" x 3" x 0.25"	6061-T6

FORMED SHEETING	SIZE	ALLOY
Skin/Roof/Compartments/Subfloors/Doors	0.125"	5052-H32
Interior Cabinets	0.090"	5052-H32
Diamond Plate	0.125"/0.08"	3003-H32
Stainless Steel	16 ga., 20 ga.	304 # 4B

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

#### 2.02 MODULE DIMENSIONS

#### Drop Skirt 4"

Overall Vehicle Dimensions:

Length: 25' 2" (302")

Width: 8' 0" (96") (Excluding Mirrors)

Height: 9' 4.125" (112.125")

Exterior Module Dimensions: (Specifications are listed as minimums.)

Length: 12' 3" (147") Width: 8' 0" (96") Height: 7' 8.375" (92.375")

Interior Dimensions: (Specifications are listed as minimums.)

Length:Forward Wall to Rear Doors139"Width:Left Wall to Right Wall91"Floor Width:Left Cabinets to Squad Bench50"Height:Floor to Ceiling72"

Load Height: Approximate Ground to Floor Height

(Suspension lowered) 34.75"

COMPLI	IES	<i>NO</i>	AFFRUVED ALIERNAIE
2.03 STRU	CTURAI	L FRAMI	ING
extensions well may be utilized bottom of the value depending which 2" x 2" structure for groof 1.250" x 3.8	ded toget d in additi wall struc g upon lo x 0.125" a reater occ 375" x 0.1	her with a ion to 2" a ture shall ecation. We roof struct upant safe 25" forme	on shall consist of 2" x 2" x 0.125" aluminum square tubing a maximum of 14" centers. 1" x 2" x 0.125" aluminum tubing x 2" tubing to accommodate custom compartment sizes. The be sealed with welded 2" x 2" tube, 2" x 2" angle, or 0.125" Wall structure shall be capped with 2" x 2" x 0.125" header upor ture is welded. This process provides a unitized roll cage ety. The front wall structure shall be constructed of a minimum ed aluminum channel to allow ample space for wiring
raceways, heat	er A/C ho	oses, and	cold air return duct.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
Shall consist o under the subfl	f a 0.125' loor. Me	mbers sha	M m sheet subfloor with foundation members securely welded all consist of six (6) 3" x 3" x 0.375" structural angles, with two bers running lengthwise between the structural angles.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
All body and c	e subfloo	ent seams r shall be	at or below floor level shall be full seam welded. The entire completely sealed with a caulking material, creating a ronment.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
In addition to vutilized full ler be applied to the The module sh	ngth on al he edges o all be cor	ne exterion  I wall and  of structur  nstructed to	r skin to structural framing, a very high bond system shall be a roof frame members. A polyurethane adhesive sealant shall ral tubing at the exterior wall surfaces. utilizing full size sheet construction to minimize body seams. Indicab shall be minimal. There shall be no corner or mid body
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE

#### 2.07A MODULE ROOF

COMPLY

VEC

M

In order to improve module strength and reduce roof seams the following roof system shall be utilized. The roof shall be seamed in the center, have a 1.500" radius at the corners, and provide a weatherproof overlap of the aluminum side sheets 5.250" below the roof line. The roof shall be supported by positive contact between sidewall framing and roof framing. All seams on the roof surface shall be full seam welded on the outside and caulked on the inside. The module roof edges, front and rear, shall be constructed to allow mounting of the recessed light bars. This

roof design shall have been tested to meet A.M.D. standards and a detailed exploded drawing of the roof structure shall be provided. In order to avoid the possibility of paint and/or weld cracking, no extrusions shall be used in the exterior construction of the roof or corners of the vehicle.

COMPLY YES NO APPROVED ALTERNATE

#### 2.08X MODULE EXTERIOR COMPARTMENTS

All compartments are constructed from formed 0.125" aluminum and are securely welded to the subfloor and structural framing. A baffled drain hole shall be provided in all exterior compartment bottoms that extend below the floor line. All exterior adjustable shelves shall be mounted on heavy duty aluminum Unistrut track which is securely welded to compartment interiors. Each shelf shall support at least 300 lbs. of equipment.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

#### **COMPARTMENT #1**

**Interior Dimensions** – 15.5"W x 65.75"H x 20"D

**Doorway Dimensions** – 15.5"W x 65.75"H

**Location** – Street-side, forward

**Shelving** – None

**Door(s)** – Single

**Light(s)** – One (1) LED strip light

**Additional Instructions** – This compartment shall have three (3) straps setup for storage of an "H" size cylinder.

It shall be vented by louvers in the upper portion of the door.

COMPLY YES NO APPROVED ALTERNATE

#### **COMPARTMENT #2**

Interior Dimensions – 30.5"W x 35"H x 20"D

**Doorway Dimensions** – 34.5"W x 35"H

**Location** – Street-side, forward of wheel well

**Shelving** – One (1) adjustable

**Door(s)** – Double

**Light(s)** – One (1) LED strip light

**Additional Instructions** – The 120VAC Power Box shall be installed in the forward wall (Section 6.21 related).

The inverter shall be installed in the lower forward corner with a perforated aluminum cover.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

#### **COMPARTMENT #3**

Interior Dimensions – 32"W x 25"H x 20"D

**Doorway Dimensions** – 32"W x 25"H

**Location** – Street side, rear

Type 1 KKK-1822F Compliant 4x4 Medic Unit(s) & Equipment Bid Form

**Shelving** – One (1) adjustable shelf **Door(s)** – Single **Light(s)** – One (1) LED strip light **Additional Instructions** – None YES NO APPROVED ALTERNATE **COMPLY COMPARTMENT #4** Interior Dimensions – 10"W x 41.75"H x 30"D **Doorway Dimensions** – 17"W x 41.75"H **Location** – Rear, left **Shelving** – None **Door(s)** – Single **Light(s)** – One (1) LED strip light Additional Instructions - Compartment shall provide storage for "Customer Supplied and installed" Stryker Model 6252 stair chair. COMPLY YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPARTMENT #5 Interior Dimensions** – 15"W x 74"H x 20"D **Doorway Dimensions** – 15"W x 70.5"H **Location** – Curbside, rear Shelving – None **Door(s)** – Single **Light(s)** – One (1) LED strip light Additional Instructions – Two (2) backboard restraining straps shall be installed in this compartment. A formed stainless steel gasket cover shall be installed so that backboards do not cut gasket material. Install Unistrut on the rear wall for an adjustable vertical divider. YES NO APPROVED ALTERNATE **COMPLY COMPARTMENT #6 – Drawer Interior of Drawer Dimensions** – 52"W x 5.5"H x 20"D **Doorway Dimensions** – 56.25"W x 8.5"H **Location** – Curbside, over wheel well **Light(s)** – One (1) LED strip light Additional Instructions – This drawer shall provide inside/outside access to the under squad bench storage area. It shall operate on 18" slides rated at 300 lbs. per set. YES NO APPROVED ALTERNATE **COMPLY** 

**Doorway Dimensions** – 20.5"W x 16.5"H

Interior Dimensions – 20.5"W x 16.5"H x 20"D

**COMPARTMENT #7** 

Type 1 KKK-1822F Compliant 4x4 Medic Unit(s) & Equipment Bid Form

**Location** – Curbside, aft of wheel well **Shelving** – None **Door(s)** – Single **Light(s)** – One (1) LED strip light **Additional Instructions** – None YES NO APPROVED ALTERNATE **COMPLY COMPARTMENT #8 – Inside/Outside Access Interior Dimensions** – 18.5"W x 59.25"H x 32"D **Doorway Dimensions** – 17.5"W x 59.25"H **Location** – Curbside, forward **Shelving** – See Interior Cabinet #17 **Door(s)** – Single **Light(s)** – One (1) LED strip light Additional Instructions – This compartment shall have a full width stainless steel threshold on the floor level shelf. The below-floor portion shall be for general storage. YES NO APPROVED ALTERNATE **COMPLY** 2.09 MODULE DOORS The doors shall be box pan formed. **COMPLY** YES NO APPROVED ALTERNATE 2.09.01 DOOR SEAL Each door frame will have a 0.875" flange for the installation of an air cell hollow core, 360degree compression door seal. This seal creates watertight, dust-free compartment integrity. Door seal shall be knock-on type. **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ 2.09.02 **DOOR HINGES** Shall be full length, piano type, stainless steel hinges, 2.5" wide with a 0.25" pin. The hinges outboard sides.

shall be attached with #12 x 3/4" stainless steel truss head screws spaced 4" apart. All curbside and street-side doors shall be hinged on the forward sides. All rear doors shall be hinged on the

YES NO APPROVED ALTERNATE **COMPLY** 

#### 2.09.03 **DOOR LATCHES**

Exterior door handles shall be semi-flush, chrome-plated Eberhard E Grabber #21100. Passage doors shall have release handles on the inside of each door. All exterior doors shall have rotary latches and striker posts that meet FMVSS 206 requirements. Striker posts shall be adjustable and be secured with a nut from behind the door frame. The striker washer shall not be removed. Doors greater than 45" tall shall have double rotary latches activated by stainless steel rods. Once final adjustments have been made, threads shall have Loctite or equivalent applied. All double-door compartments shall have an exterior E Grabber handle and rotary latches on each door. Doors shall latch to doorframe-mounted striker posts only and not to one another. Curbside passage and rear curbside doors shall have interior handles with dual-point, rod-actuated, rotary latch systems that are lockable inside and out. All locks shall be keyed J236.

Rear passage doors shall both have emergency release levers, one at the top and bottom of each door and accessible from the inside of the module.

COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	, double sp	ring door	T DOOR CONTROL  r control capable of holding the door open at approximately a ace shall be installed at the top of each compartment door.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	vy-duty, d	ouble spr	OR CONTROL ing door check installed at the top of the door. This door check tapproximately a 90-degree angle on any road surface.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
<b>2.09.06</b> Shall be Cast			ONTROL type hold-open devices with replaceable rubber catches.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	0" bright al	uminum	TT DOORSKINS diamond plate and be removable to service door hardware. shall be installed on the vertical edge of each door.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
panels on the be removable	pressure la side door a to service 5" conspicu	aminate co and 16" st door hard aity tape s	overed 0.090" aluminum plate with 20" stainless steel kick tainless steel kick panels on the rear doors. The door skins shall dware. The hall be installed on the vertical edge of the side passage door,

# 2.09.09X ENTRANCE DOORWAYS

**COMPLY** 

One (1) curbside and two (2) rear module entrance doors shall be provided. The curbside doorway dimensions shall be  $31\text{"W} \times 80\text{"H}$ . The rear doorway dimensions shall be  $49.75\text{"W} \times 66\text{"H}$ .

YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

COMPLY	YES	.NO	APPROVED ALTERNATE				
		lule acces	s door frames shall have full width formed stainless steel r edge of frame.				
COMPLY	YES	.NO	APPROVED ALTERNATE				
Shall be formed	<b>2.10X MODULE INTERIOR CABINETS</b> Shall be formed of 0.090" aluminum and shall be securely welded or mounted to the structural framing. All interior adjustable shelves shall be mounted on 1" wide aluminum Unistrut track.						
COMPLY	YES	.NO	APPROVED ALTERNATE				
CABINET #1  Dimensions – 9.75"W x 15"H x 15.75"D  Location – Street side, upper forward  Shelving – None  Door(s) – Aluminum painted right hand hinged door with simplex combination lock  Additional Instructions – This area shall be set up as a "Meds" cabinet.							
COMPLY	YES	.NO	APPROVED ALTERNATE				
CABINET #2 Dimensions – 33"W x 15"H x 15.75"D Location – Street side, upper, above action area Shelving – One (1) adjustable Door(s) – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls Additional Instructions – Install an IV warmer in the forward portion.							
COMPLY	YES	.NO	APPROVED ALTERNATE				
CABINET #3 Dimensions – 2 Location – Stre Shelving – Non Door(s) – Slidir extruded alumin Additional Inst	et side, up e ng, clear 0 num door p	oper, abov .177" poly pulls					
COMPLY	YES	.NO	APPROVED ALTERNATE				
CABINET #4							

**Dimensions** – 47"W x 15"H x 15.75"D **Location** – Street side, upper, rear **Shelving** – One (1) adjustable **Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls **Additional Instructions** – None YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY CABINET #5 Dimensions** – 26"W x 19.375"H x 7"D **Location** – Street side, center rear **Shelving** – One (1) adjustable **Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls **Additional Instructions** – None **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **CABINET #6 Dimensions** – 26"W x 19.375"H x 20"D **Location** – Street side, center **Shelving** – Two (2) adjustable **Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls Additional Instructions – There shall be a fixed center divider in this cabinet. One (1) shelf shall be located on each side of the divider. YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE **COMPLY CABINET #7 – Action Area Dimensions** – 37"W x 30.5"H **Location** – Street-side **Shelving** – None Door(s) - None Additional Instructions – Shall contain an attendant control panel, two (2) oxygen outlets, digital thermostat, electric oxygen panel, inverter panel, hard wired charging dock for a, one (1) 120VAC receptacle, one (1) 12VDC receptacle, and (1) Sigtronics jack. The entire action wall area shall be lighted utilizing LED lighting.

Full depth counter top shall be located below the action wall. The counter top shall be one-piece

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

16 gauge, 304 stainless steel with a 0.5" aluminum retaining lip.

#### **CABINET #8**

**Dimensions** – 26"W x 19.375"H x 20"D **Location** – Street side, lower **Shelving** – One (1) adjustable **Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls **Additional Instructions** – None YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ COMPLY **CABINET #9 Dimensions** – 26"W x 19.375"H x 9"D **Location** – Street side, lower rear **Shelving** – One (1) adjustable **Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls **Additional Instructions** – None **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **CABINET #10 – CPR Seat with Storage Dimensions** – Bench: 22.5"W x 18.75"H x 20"D Storage: 26.5"W x 8.125"H x 20"D **Location** – Street side **Shelving** – None **Door(s)** – Hinged aluminum bench lid, with high-density foam padding covered with seamless vinyl shall provide access to the storage area. It shall have a 1.5" overhang and an automatic hold-open device. The pad shall be removable. Additional Instructions – The squad bench back and/or head pads shall have high density foam padding covered with seamless vinyl. The back pad shall flip down with a stainless steel back to extend the action area. The back pad shall be held up with a positive latch. One (1) set of seatbelts shall be installed on the seat. The CPR seat base to be formed from aluminum and securely anchored to sub-floor. The bottom and unfinished sides of the storage area shall be sprayed with textured gray polyurethane and painted white with gray splatter. Install a restraint consisting of a metal ring secured to a framing member in the side wall at 14" above countertop and a 15" vinyl coated stainless cable with metal clasp. **COMPLY** YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ CABINET #11 **Dimensions** – 34.25"W x 10"H x 9"D **Location** – Curbside, upper, rear **Shelving** – One (1) adjustable **Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls

YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

**Additional Instructions** – None

COMPLY

Bid Form

#### **CABINET #12**

**Dimensions** – 34.25"W x 10"H x 9"D

**Location** – Curbside, upper forward

**Shelving** – One (1) adjustable

**Door(s)** – Sliding, clear 0.177" polycarbonate with felt lined anodized aluminum track and full extruded aluminum door pulls

**Additional Instructions** – None

COMPLY	YES	<i>NO</i>	APPROVED	ALTERNATE
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#### **CABINET #13 – Drawer**

**Dimensions** 16"W x 12.5"H x 10.5"D

**Location** – Squad Bench forward end

**Additional Instructions** – An aluminum drawer for sharps and waste storage, operating on 12" slides rated at 300 lbs. per set and have a gas shock hold open/closed device to ensure drawer does not accidentally open or close during operation of the vehicle. Drawer shall be formed of 0.090" aluminum welded construction with an automotive gray enamel finish and formed structural support on the sides and front of drawer.

The space (sized for a "Customer Supplied" sharps container and a 7 Qt. waste) shall be accessible for changing thru a removable panel on top of the area.

COMPLY Y	YES	NO .	<b>APPROVED</b>	ALTERNATE
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#### **CABINET #14 – Squad Bench with Inside/Outside Access**

**Dimensions** – Bench: 71.5"W x 20.75"H x 20"D

Storage: 58.75"W x 10.125"H x 20"D

**Location** – Curbside **Shelving** – None

**Door(s)** – Hinged, split, aluminum bench lid shall provide access to the storage area. It shall have a 1.5" overhang, automatic hold-open devices, and stainless steel paddle latches. The pads shall be removable.

**Additional Instructions** – The squad bench back and/or head pads shall have high density foam padding covered with seamless vinyl. Three (3) sets of seatbelts shall be installed on the bench and set up for use with sit-up or stretcher patients and one (1) at the aft end for a child safety seat.

The squad bench base to be formed from aluminum and securely anchored to sub-floor. The bottom and unfinished sides of the storage area shall be sprayed with textured gray polyurethane and painted white with gray splatter.

The forward portion shall be closed off from the sharps/waste drawer.

Two (2) oxygen outlets and a timer switch shall be mounted over the forward end of the bench. Locate the timer switch to below the ambulance bar, accessible from outside the vehicle. An ambulance bar shall be installed at the forward end of the bench.

COMPLY	YES	<i>NO</i>	_APPROVED ALTERNAT	E
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<b>Dimensions</b> – 34.75"W x 16.5"H x 19.875"D
Location – Front, upper right
Shelving – None
Door(s) – None
Additional Instructions – This area shall house the AC/Heater Unit.
COMPLY YESNOAPPROVED ALTERNATE
CABINET #16 – Electrical Cabinet
<b>Dimensions</b> – 31.25"W x 14"H x 10"D
<b>Location</b> – Front center, above the walk-thru area
Shelving – None
<b>Door</b> (s) – Aluminum, hinged, swing up door with a hold-open device, quarter turn non-keyed
quarter turn slotted latch and an automatic compartment light.
<b>Additional Instructions</b> – This cabinet shall house the electrical module.
COMPLY YESNOAPPROVED ALTERNATE
CABINET #17 – Inside/Outside Access
<b>Dimensions</b> – 27.25"W x 55.5"H x 19.875"D
Location – Front, lower right
Shelving – Two (2) adjustable
<b>Door</b> (s) – Roll up aluminum
Additional Instructions – This cabinet shall provide inside/outside access to Compartment #8
and have two (2) adjustable shelves.
The shelves shall have a 1" lip formed up on the interior side and 1" x 1" lip down on the
exterior side.
Install Mate'flex on the shelves.
COMPLY YESNOAPPROVED ALTERNATE

CABINET #15 – HVAC

2	11	1 (	ITS	Æ	DO	UL	CI	TTT	)
<i>~</i>			711					٠,٠	

A recessed double step doorstep shall be provided which is 19" deep x 31" wide at the curbside passage door. There shall be a drain hole and an open grate step plate, which is removable for cleaning purposes. Polished aluminum diamond plate kick panel will be installed on the sides and face of doorstep.

and face of d	oorstep.		
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
2.13X CAB Shall be a pas			
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	lled in the	wheel we	Ils over the rear wheels. The liners shall be formed aluminum. the wheel wells.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
3 COA	TINGS AI	ND FINIS	SHES
sanded smoor grease remov COMPLY  3.02 MOD Module shall	th. The enter to ensur  YES  OULE PRI	tire exterione proper p	and all imperfections on aluminum surfaces of module shall be or shall be mechanically etched and washed with wax and orimer and paint adhesion. APPROVED ALTERNATE  hane primer prior to applying the finish coat of acrylic urethane
paint.  COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
3.03 PAIN Shall be "She		ams" acry	lic urethane.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
3.04X COLO	Γo match c	hassis OE	M red stomer Supplied" pictures
Stripe #1	Color:	Wh	ite

Type 1 KKK-1822F Compliant 4x4 Medic Unit(s) & Equipment Bid Form

10.5"

Straight

Width:

Style:

Material: Scotchlite

Location: Sides and Rear of Module, Sides of Cab

Stripe #2 Color: White

Width: 10.5"

Style: Straight and upsweep just over radius

Material: Scotchlite

Location: Sides and Rear of Module

Stripe #3 Color: White

Width: 5"

Style: Upsweep just over radius

Material: Scotchlite

Location: Sides of Module, 4" aft of Stripe 2 upsweep

Stripe #4 Color: Black

Width: 0.25"
Style: Pinstripe
Material: Scotchlite

Location: Border Stripe #1, #2 and #3

3.04.01X CHASSIS COLOR

OEM Red.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

3.05 LETTERING/DECALS

Item #1 Lettering: "CITY OF KENAI" 37"L, 2.5" Arch

Font: Match Current Fleet

Color: Imitation Gold Large Engine turn, black outline, left drop shadow

Size: 6.5" to 4.5" Material: Vinyl

Location: Module sides, above window on curbside

**Item #2** Lettering: "FIRE DEPT." 36"L

Font: Match Current Fleet

Color: Imitation Gold Large Engine turn, black outline, left drop shadow

Size: 6" Material: Vinvl

Location: Streetside 16" below Item #1

Leave space for "Customer Supplied and installed" decal Curbside below window

**Item #3** Lettering: "RESCUE 8" 16"L

Font: Match Current Fleet

Color: Imitation Gold Large Engine turn, black outline, 0.25", left drop

		1		
S	ทล	d	O	W

left drop shadow

Size: 3.25"
Material: Vinyl
Location: Cab doors

**Item #4** Lettering: Star of Life w/o staff

Color: Blue Size: 32" x 32" Material: Scotchlite

Location: Centered on the roof.

**Item #5** Decal: Stars of Life - Window Perf

Location: Rear Windows

Color: Red w/blue Star of Life

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

#### 3.06A COMPARTMENT FINISH

All compartments shall be sanded, etched, washed, primed, coated with textured polyurethane finish and painted white with light gray splatter paint. (G8-33631 Alt 2 / G8-51748) All shelves and trays shall be sanded, etched, washed, primed, and painted white with light gray splatter paint. (G8-33631 Alt 2 / G8-51748)

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

#### 3.07X INTERIOR CABINETRY FINISH

All interior cabinetry shall be sanded, etched, washed, primed, coated with textured polyurethane finish, and painted white with light gray splatter paint. (G8-33631 Alt 2 / G8-51748) All shelves and trays shall be sanded, etched, washed, primed, and painted white with light gray splatter paint. (G8-33631 Alt 2 / G8-51748)

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

#### 3.08 MODULE UPHOLSTERY

Shall be Spradling Perform 60 vinyl, Dove Gray, and be seamless.

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

#### 3.09X MODULE FLOORING MATERIAL

Shall be Lonseal "Loncoin II" flooring in #C157 Moonstone providing durability, ease of maintenance and stain resistance. It shall contain a high concentration of microscopic aluminum oxide particles and colored quartz crystals suspended throughout the thickness with silicon carbide grains in the entire wear surface for slip-retardant performance. It shall have a bacteriostat incorporated to give flooring excellent anti-bacterial activity and an overall thickness of 0.11"

nominal. Flooring shall be manufactured for Wear Resistance to meet ASTM C 501, indentation resistance in accordance with ASTM F 1303 and ASTM F 970, Grade 1 standards, shall meet ASTM D 2047 Slip Retardant, ASTM F 970 Static Load, ASTM E648, CMVSS, FMVSS 302, CAN ULC S102.2 Fire Data Tests. (Section 5.04 related)

An insulated floor shall be installed over the 0.125'' aluminum subfloor and shall be comprised of 0.75'' thick polyiso insulation between  $0.75'' \times 0.75'' \times 0.063''$  square tubing, covered with a 0.125'' aluminum sheet (Section 2.04 related).

Floor covering material shall be seamless and cove up the side walls a minimum of 5" as a seal. (Section 2.04 related)

COMPLY YESNOAPPROVED ALTERNATE
<b>3.10 COMPARTMENT LINING</b> Compartment floors shall be lined with light gray Mate'flex material and all shelves with easy sweep mat.
COMPLY YESNOAPPROVED ALTERNATE
<b>3.11 CABINET LINING</b> Interior cabinet shelves shall be lined with easy sweep mats which are removable for ease of cleaning.
COMPLY YESNOAPPROVED ALTERNATE
<b>3.12 SURFACES AND FINISHES</b> All surfaces and finishes shall be impervious to soap, disinfectants, and water, to permit washing and sanitizing.
COMPLY YESNOAPPROVED ALTERNATE
2.12 ALITOMOTIVE UNIDED COATUNIC CEAL

#### 3.13 AUTOMOTIVE UNDERCOATING SEAL

The entire chassis and module underbody (excluding drive shafts, wheels, exhaust system, and lubrication fittings, per manufacturer's specifications) shall be sprayed with undercoating for reduced corrosion and added sound deadening.

COMPLY YESNOAPPROVED ALIERNATE	COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
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# 4 MODULE EXTERIOR

#### 4.01X STEP/BUMPER

Shall be a welded construction of  $3" \times 3" \times 0.375"$  aluminum angle and  $2" \times 0.250"$  plate and shall be covered by 0.125" bright aluminum diamond plate. The entire top shall be non-skid diamond grip strut and provide a 7" step. Chamfer the outermost corners. Diamond plate shall be formed on front and rear edges for channel type strength. The bumper shall be bolted directly to the chassis frame using high strength bolts. Bumper shall be easily removable and replaceable

in case of damage. Step/bumper to be designed to accommodate a "one-person style" cot. A stainless steel wear plate to be installed over rear edge of bumper and centered on body for stretcher. YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY** 4.02 **RUB RAILS** Shall be bright finished extruded aluminum of a double channel design and 0.125" wall thickness for maximum strength. Rub rails shall be 2.5" high x 0.75" wide and run along the lower edge of body, interrupted only by wheel well opening. A red/white conspicuity reflective tape shall be installed in the insert area of the rub rail. YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY** 4.03 **FENDER RINGS** Shall be installed on the module. They shall be bright polished aluminum with a rounded outer edge following the full contour of the wheel well opening. **COMPLY** YES NO APPROVED ALTERNATE 4.04 **DRIP RAILS** Shall be extruded, anodized aluminum running full length of module at top of sides, front, rear and over each exterior compartment. Drip rails shall be installed with bonding tape that will withstand exposure to the elements. They shall be installed to allow easy replacement without the use of mechanical type fasteners, and finished with 45 degree angled ends to avoid hooking materials which brush against the vehicle causing damage. YES NO APPROVED ALTERNATE COMPLY 4.05 ROCK GUARDS Made of bright aluminum diamond plate shall cover front module corners 24" up from bottom of body, 2.5" down the side of body, and 15" across the front of the body. YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ COMPLY REAR KICK PANEL Made of bright aluminum diamond plate shall extend from top of rear step to the bottom of rear doors, full width formed around corners, and 2.5" forward on each side.

#### 4.07X FUEL FILL

COMPLY

Shall be on the street-side of the module and have polished cast aluminum fill well and be properly vented. All fuel filler hoses will be protected with a 0.125" aluminum protection plate. Fuel fills shall be installed in accordance with "Body Builder's" recommendation.

YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

COMPLY	YES	.NO	_APPROVED ALTERNATE
ease of replacer The side door w The window he The rear door w module. The curbside m	k anodized ment. All vindow sha ader heigh vindows sh odule windows	I aluminu module wall be 18.7 at shall ma aall be 18.7 dow shall	Im frames, rubber gaskets, and be attached with screws for windows to be dark tinted.  75" x 18.75" with sliding glass, a positive catch, and a screen. atch the module window height.  75" x 18.75" fixed glass to prevent exhaust from entering the libe 18.75" x 37.5" with sliding glass a positive catch and the curbside bench seat.
COMPLY	YES	.NO	_APPROVED ALTERNATE
<b>4.09A</b> I Shall be made o			UARD I shall be installed below the fuel fill.
COMPLY	YES	.NO	_APPROVED ALTERNATE
<b>4.16A LICEN</b> A recessed licer			<b>DER</b> h dual lights shall be installed below rear doors.
COMPLY	YES	.NO	_APPROVED ALTERNATE
door and shall b	single ele se wired to	etric step extend a	with a 7.625" drop shall be installed under the curbside passage and retract with the door. An Auto/Off switch shall be installed able automatic operation.
COMPLY	YES	.NO	_APPROVED ALTERNATE
when not in use	gers, supp e. The pati broken w	orts, faste ent comp	eners, latches, and hinges shall be of a near flush type design partment shall be free of sharp projections. Exposed edges and us, chamfer, or covered with aluminum trim, plastic molding,
COMPLY	YES	.NO	_APPROVED ALTERNATE
	_	nt gray he	NG avy grade 0.125" ABS vinyl. All panels shall be attached
COMPLY	YES	.NO	_APPROVED ALTERNATE

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5 02	171	INE	,

The headliner shall be	e 0.125" aluminum whi	ch is sanded, etched,	washed, primed	, and coated
with textured polyure	ea thermoplastic elastom	er, and painted white	e with light gray	splatter paint
(G2-33631 Alt 2 / GI	LV-51748).			

<b>COMPLY</b>	$YES_{}$	<i>NO</i>	APPROVED ALTERNATE
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#### 5.03 HEAD PADS/CUSHIONS

Head pads located over all module access openings and seat backs shall be 1" high-density foam covered with heavy-duty vinyl matching upholstery.

Seat cushions shall be 3" high-density foam covered with heavy-duty vinyl matching upholstery. (Section 3.08 related)

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

## 5.04A LOWER WALL COVERING

The squad bench sides and lower portion of the street-side wall shall be covered with polished stainless steel.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

## 5.05X GRAB RAIL

One (1) 75" L x 1.250" D stainless steel grab rail with three (3) support brackets shall be securely mounted to roof structural framing running through centerline.

One (1) additional 18" grab handle shall be provided and installed one (1) on the curbside interior wall at the rear of the module.

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

# 5.06X ACCESS DOOR GRAB RAILS

The rear module access doors shall have a 1.250" "L" style stainless steel grab handle and the side module access door shall have two (2) 12" grab handles which may also be used as an entry assist rail.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

One (1) over the	able dual l e head/che	est area o	ers with stabilizers shall be near flush mounted in the: of the primary cot, one (1) over the head/chest area of the squad t area of the primary cot, one (1) over the knee/waist area of the				
COMPLY	YES	_ <i>NO</i>	_APPROVED ALTERNATE				
<b>5.08B COT M</b> A Stryker Mode safety hook sha	el 6370 du		t cot fastener shall be installed. Set up for Stryker MX-Pro. A				
COMPLY	YES	_ <i>NO</i>	_APPROVED ALTERNATE				
	t finish sta		eel cot plates, 6" x 36", shall be positioned between the rear on. The cot plates shall be attached with a polyurethane				
COMPLY	YES	_ <i>NO</i>	_APPROVED ALTERNATE				
A Wise rear facupholstered with easy access to a	<b>5.10C ATTENDANT SEAT</b> A Wise rear facing high-back bucket seat with a built in child safety seat and 2-point seat belt upholstered with heavy grade vinyl, shall be located at the head of the cot position and provide easy access to all action wall controls and outlets, and to the patient. Seat shall swivel and be securely anchored on a pedestal base.						
COMPLY	YES	_ <i>NO</i>	_APPROVED ALTERNATE				
with brass fitting following location the curbside. The Electric Oxhave an LED co	gen system igs, pressu ions: two wall above tygen syst ontent disp	n to be as are tested (2) in ac e the squ em shall olay and	sembled with certified Oxygen hose (1000 PSI burst strength), and certified. Ohio type outlets shall be installed in the tion area, one (1) in ceiling above primary patient, and two (2) ad bench.  be controlled through an electric solenoid with manual bypass, audible low pressure alarm.  hall be included.				
COMPLY	YES	_ <i>NO</i>	_APPROVED ALTERNATE				
5.13X SUCTION	ON COL	LECTO	R				
A S-SCOR VX	-2 portable	e suction	with charging bracket shall be wired and installed in "Action				

Type 1 KKK-1822F Compliant 4x4 Medic Unit(s) & Equipment Bid Form

YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

Area"

**COMPLY** 

#### 5.14X SEATBELTS

Shall be DOT certified and shall be installed with all passenger seating. Three (3) sets shall be installed on the squad bench and set up for use with sit-up or stretcher patients. The attendant seat and the CPR seat shall each have a single seat belt.

The aft end of the curbside squad bench shall be set up for child safety seats.

COMPLY	$YES\_\_$	<i>NO</i>	APPROVED ALTERNATE	
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#### 5.16X INSULATION

surface of the roof and wall tubes.

The module sides, ends, roof, doors, and floor shall be insulated to enhance the interior environment and to restrict heat, cold, and external noise from entering the module. To obtain the highest possible R-value, the insulation shall be a non-settling polyisocyanurate foam plank material of 2", 1.5", or 0.75" thickness depending upon location and available space. In addition, a closed-cell polyurethane tape with ultra-high-bond acrylic adhesive shall be utilized on the sidewalls and roof to provide a thermal and noise break between the outside skin and structural members. A 3" wide, 60-mil tape shall be used as a thermal break on the inside

To further enhance thermal and acoustic insulating properties of the floor system, composite ceramic insulating coating shall be applied to the entire bottom surface of the module, including wheel well liners.

Heater and air conditioner hoses between the engine and module shall be insulated with closed cell foam insulation.

Insulation shall be installed between the OEM headliner and the cab roof, over the wheel wells, and in areas where foam plank insulation will not be effective. Insulation shall be installed in the wheel wells, and below all compartments. (Section 3.09 and 2.14 related)

<b>COMPLY</b>	$YES_{\_\_}$	<i>NO</i>	APPROVED ALTERNATE
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#### 5.17X MODULE CLIMATE CONTROL SYSTEM

Shall incorporate a combination heating/air conditioning unit with 36,000 BTU minimum heating and 32,000 BTU cooling. The unit shall have a 550CFM minimum fan and have controls independent of the cab system. The module system shall be controllable by a digital thermostat located on the action wall.

A 12VDC water pump shall be installed to increase the heating capacity and efficiency of the system.

<b>COMPLY</b>	<i>YES</i>	NO	APPROVED	ALTERNATE
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## 5.18 EXTERNAL AIR INTAKE

To supplement heated or cooled air with fresh air, an external air intake shall be provided on the side of the module. The intake shall consist of four (4) stamped louvers above the side passage door. The interior chamber of the intake shall be made of aluminum and formed to prevent the collection of moisture.

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			thead wall shall be an air return which runs from the floor level turn vent shall have formed louvers.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	AUST VE		nall be located in the street side rear corner of module.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
			N SEAT BELTS SIGNS at Belt" signs shall be installed - one (1) each for driver's area
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
display and sh	ontrolled cl now hours	(12/24 se	be installed over the rear doors. The clock shall be LCD electable), minutes, seconds, date, day, and temperature. Clock alkaline battery.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
module over t	ware for a he squad b	Model #1 ench. Th	RE 11 Stretcher/chair shall be installed on the curbside of the ne hardware shall be attached to the wall and ceiling, with roof frame structure. The ceiling hooks shall be removable.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
<b>5.29A OXYO</b> Shall be a cleaself-closing his	ar, 6" x 10		window. The window shall have a knob and be mounted with
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
<b>5.30X AMB</b> One (1) Ambo	ulance Bar	shall be p	provided and installed at the head of curbside squad bench. TPI
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
5.26X	SHARPS	S/HAZAI	RDOUS WASTE CONTAINERS

One (1) "Customer Supplied" sharps container and one (1) 7 Qt. waste container shall be located

Type 1 KKK-1822F Compliant 4x4 Medic Unit(s) & Equipment Bid Form

**5.19 AIR RETURN** 

in the rollout drawer at the forward end of Cabinet #14. YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_ **COMPLY ELECTRICAL** All added body and chassis electrical equipment shall be served by circuits separate and distinct from the vehicle chassis circuits. All vehicle wiring shall be copper and conform to all SAE J1128 requirements. The wiring shall be colored, numbered, and function coded every 3" for permanent identification and correspond with the vehicle schematics. Solderless, insulated connectors shall be used. Wiring panduit shall be used in power component module to ensure air circulation throughout power component wiring. The wiring shall be routed in conduit or looms and wiring shall be secured to the underbody or frame with insulated metal cable straps. All power distribution cabling shall be covered with a protective split loom. Where wiring passes over the exhaust, a heat shield shall be installed. The power component module shall be equipped with positive locking plugs to provide easy disconnect for remount or repair of body. All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry 125% of the maximum ampere load for which the circuit is protected. **COMPLY** YES NO APPROVED ALTERNATE OVERLOAD PROTECTION DEVICES Body electrical wiring shall utilize overload protective devices of the automatic reset, circuit breaker type. In addition, two (2) single pole, 20 amp circuit breaker shall be provided for future use. The circuit breakers, relays, and other electrical items shall be located in the enclosed power component module. **COMPLY** YES NO APPROVED ALTERNATE 6.02 **VOLTMETER/AMMETER** Shall be a single digital display, located in the driver's console, which displays voltage and battery current when the ignition is on. Display includes audible and visual alarms for high and low voltage. YES NO APPROVED ALTERNATE COMPLY 6.04 IGNITION CONTROL Chassis electrical circuits will be controlled by ignition switch as provided by the OEM chassis manufacturer. The auxiliary chassis related functions shall be powered by one (1) 100 amp or larger continuous duty solenoid (rear heater/air conditioner, siren, spot light, etc.).

#### 6.05X MODULE POWER

**COMPLY** 

Shall be controlled by a 200-amp power (CDR-357) automatic disconnect switch that provides module power continuously when ignition is on and for fifteen (15) minutes after ignition is turned off. Cycling the ignition switch or opening a module door resets the time and provides

YES\_\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

another fifte	en (15) minu	tes of m	odule power.		
COMPLY	YES	_ <i>NO</i>	APPROVED ALTER	ATE	
	at ceiling lev	el shall	have removable backs whave removable panels for		-
COMPLY	YES	_ <i>NO</i>	APPROVED ALTER	ATE	
	alled and hav ackup alarm	ve a mon shall aut	nentary disable switch in comatically reset when shids.		
COMPLY	YES	_ <i>NO</i>	APPROVED ALTER	ATE	
6.08 SER A 6" service connection p	loop of wire		ess shall be provided at al	electrical comp	onents, terminals, and
COMPLY	YES	_ <i>NO</i>	APPROVED ALTER	ATE	
	Installed but the second install he installed he installed he install he installed he insta	etween in	MAP BOX the seats and made of forwitch panel with the followshall be installed in the up	ng layout and a	map holder with six
<ol> <li>Module</li> <li>Emerger</li> </ol>	Disconnect	5. 6. 7. 8. 9.	Light Bar White Light (Opticom) Flasher LED light bar flasher Spare Blank Blank		e ghts
OTHER: Voltmeter/A	mmeter	10.	Dialik	17. васк-ор Б	risable
12VI 12VI Two	OC receptacl	e r <i>"Custo</i> alk ts	partment (Amber) open was smer Supplied and Instal	d" MDT	

Shall be lighte provided.	d rocker t	ype and p	permanently marked by function. One (1) spare switch shall be
COMPLY	YES	NO	APPROVED ALTERNATE
<b>6.11X MAP I</b> A map light w		flexible no	eck shall be mounted on the driver's console.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
passenger acce	led on the ess doors doors. The	driver's cand an ame lights sh	NG LIGHT(S) console. A red flashing light shall warn the driver of open nber flashing light shall warn the driver of open exterior nall flash and buzzer shall sound only if the vehicle is placed in
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
<ol> <li>Dome H</li> <li>Dome H</li> </ol>	ed in the a li/Off/Lo li/Off/Lo	ction area	OL PANEL  a. Panel shall include one (1) row of switches, as follows:  3. Vent 5. Compt. Lights 4. Blank 6. Elec O2 inverter panel shall be located adjacent to the attendant control
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
			LIGHTING be lighted utilizing LED fixtures.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
<b>6.15 STEPI</b> The side acces		p well sh	all have a light installed.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
6.16X MODU			LIGHTING

Shall be designed to keep vehicle height to a minimum without interfering with the structural integrity of the roof. Module interior lighting shall consist of six (6) Whelen #80COEHCR LED dual intensity recessed lights – one (1) bank of three (3) lights shall be positioned toward street-side and three (3) lights toward curbside.

There shall be a switch for each bank of lights on the action wall for Hi/Lo or Off.

The three (3) lights on the curbside shall be automatically activated when the rear or side doors

6.10 SWITCHES

are opened.

Install a timer switch next to the curbside passage door, wired to continuous battery power, to control curbside Dome Lights.

COMPLY	YES	<b>NO</b>	<b>APPROVED</b>	ALTERNATE

#### 6.17X BASIC EXTERIOR LIGHTING

Shall include headlights, parking lights, directional signal lights, tail and stop lights, license plate light, back-up lights, side marker lights, hazard and warning lights, and clearance lights as required by FMVSS 108.

Side marker shall be "Truck-Lite" LED Model 36.

Front and rear module clearance lights shall be an integral part of the light bar system. Four (4) LED Whelen #60A00TAR turn arrows shall be installed: two (2) on the front module corners below the flashers and two (2) above the rear kick panel, one (1) on each side. Lights shall be installed with flanges.

Two (2) LED Whelen #60R00BRR stop/tail lights and two (2) Whelen #60J000CR back-up lights shall be installed on the kick panel, one (1) set each on each side of the vehicle. Lights shall be installed with flanges.

	COMPLY	YES	NO	APPROVED ALTERNATE
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# **6.18X COMMUNICATIONS EQUIPMENT**

The customer shall be responsible for powering up and tuning of the radio equipment.

Item #1 Description: Two (2) 10 gauge 30 amp circuit with 36" loop

- One (1) 12V constant

- One (1) 12V Keyed

Location: Driver's console

COMPLY	YES	NO	APPROVED ALTERNATE
	1120	111	

Item #2 Description: One (1) 10 gauge 30 amp circuit with 36" loop

- One (1) 12V constant

Location: Above Action Area behind close out

COMPLY YES\_\_\_NO\_\_APPROVED ALTERNATE\_\_\_

Item #3 Description: Sigtronics US-67S, two (2) SE-48 headsets (cab), one

(1) SE-48S headset (action area)

Location: Cab and Action Area

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

Item #4	Description:	One (1) 12VDC circuit for future "Customer Supplied and Installed" MDT
	Location:	Driver's console.
COMPLY	YESNO	APPROVED ALTERNATE
Three (3) NMouniversal connaccess shall be	nectors and mini-UHF through the dome lig	D CABLES nounts with KHFUD cables and Larsen HyPer master adapters shall be installed on the module. Antenna base that openings, and the cables shall terminate; two (2) the the Action Area behind close out.
COMPLY	YESNO	APPROVED ALTERNATE
A block heater		in 120VAC power box, shall be wired to the 120VAC shore rotected (Section 1.01.02 related).
COMPLY	YESNO	APPROVED ALTERNATE
Utility power s Eject located of	on driver's side of vehi	RCUIT BOX h 120VAC shore power via a Kussmaul 20-amp Super Autoicle and distributed via a formed aluminum power box
A battery cond	Compartment #2. dition bar graph displa ower receptacle.	y and green shoreline connection indicator shall be installed
-	-	o as to maximize compartment and have an easily removable
	contain three (3) 120V	VAC duplex receptacles and one (1) 120VAC duplex GFCI
The receptacle	es shall distribute pow	
	<ul><li>Inverter (which etc.)</li><li>Block heater</li></ul>	ch feeds interior/exterior 120VAC (receptacles, IV warmer,
Two (2) break		one for protection of the block heater receptacle, the other for
-	he other 120VAC rece	<u> </u>
-	*	he power box shall be ground fault circuit interrupting
	all have a power on ir or 120VAC duplex GI — Action Area	FCI receptacles shall be mounted:
COMPLY	YESNO	APPROVED ALTERNATE

# **6.22 BATTERY GROUNDS**

In addition to OEM grounds, the following ground circuits shall be added: 4 ga. ground cable from module power component panel to frame, two (2) braided ground straps from the module

body to the chassis to reduce RF interference.					
COMPLY Y	ESNOAPPROVED ALTERNATE				
A 50 amp battery	<b>6.23 BATTERY CHARGER</b> A 50 amp battery charger shall be provided as part of Magnum Pure Sine 1000 inverter system. (Section 6.31 related)				
COMPLY Y	ESNOAPPROVED ALTERNATE				
6.25X 12VDC RECEPTACLES  Two (2) 12VDC, 15-amp lighter-style power point receptacles shall be provided;  One (1) Action Area  One (1) driver's console  Receptacles shall be powered continuously.					
COMPLY Y	ESNOAPPROVED ALTERNATE				
<b>6.26 COMPARTMENT LIGHTING</b> An LED strip light shall be installed in all outside compartments and shall be activated by a door switch.					
COMPLY Y	ESNOAPPROVED ALTERNATE				
<b>6.27 EXTERIOR DOOR SWITCHES</b> Shall be 1/2" door switches.					
COMPLY Y	ESNOAPPROVED ALTERNATE				
6.30 EMERGENCY WARNING SYSTEMS					
6.30.01X FRONT LIGHTBAR  Shall be a 96" Whelen #4500 Plus Lightbar. Pattern curbside to streetside:  Curbside Red Lens Red Super LED flasher					

17 Degree Angled Scene lights

Blue Lens Blue Super LED flasher

Amber Lens Amber Super LED flasher

Center White strobe Non-Infrared Opticom

Amber Lens Amber Super LED flasher Blue Lens Blue Super LED flasher 17 Degree Angled Scene lights

Street-side Red Lens Red Super LED flasher

The light bar shall be recess mounted with horizontal plane of the roof, and protrude no more than 1/2" beyond the vertical plane of the front and sides of the module.

The clearance lights shall be an integral part of the light bar.

COMPLY	YES_	<i>NO</i>	_APPROVED ALTERNATE	
		LIGHTBA		
			s Lightbar. Pattern curbside to street side:	
Curbsic			Red Super LED flasher	
			Angled Scene-lights Blue Super LED flasher	
			is Amber Super LED flasher	
Center			Red LED Brake	
Center			s Amber Super LED flasher	
			Blue Super LED flasher	
			Angled Scene-lights	
Street s			Red Super LED flasher	
The bar shall in			ke/clearance light over the center lights. The LED clearance	
lights shall be a				
The light bar sl	hall be r	ecess mour	nted with the horizontal plane of the roof, and protrude no more	
			e of the rear and sides of the module.	
	ts shall a	activate wh	en rear doors are opened or when vehicle is placed in	
"Reverse".				
COMPLY	YES_	NO	_APPROVED ALTERNATE	
Eight (8) Red 1 corners, two (2 corners. Lights One (1) Clear 1	on the s shall been clear	Super LEI rear of the e Whelen # ar Super LE	Os shall be mounted two (2) on each side of module in upper vehicle at window height and two (2) on the front upper #90RR5FRR with chrome flanges. ED shall be mounted centered on the front of the module, upper OCC5FCR with chrome flange.	
COMPLY	YES_	<i>NO</i>	_APPROVED ALTERNATE	
<b>6.30.04 SCENELIGHTS</b> Four (4) parabolic LED scene lights, mounted two (2) on each side, shall be installed. The scene lights shall be flush mounted and have internal optics to deflect the light down at 8-32 degree angles. The side door shall activate the curbside scene lights.				
COMPLY	YES_	<i>NO</i>	_APPROVED ALTERNATE	
Four (4) Interse	ection li nese sha	_	LIGHTS be installed, one (1) on each fender and one (1) above each en TIR6 #50R03ZRR Red lens Red LED flashers with	
COMPLY	YES_	<i>NO</i>	_APPROVED ALTERNATE	

			ASHER UNIT
			BAR FLASHER" switch on the console.
Unit shall dea	ctivate wh	en the ve	chicle is shifted into park.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
6.30.08X	GRILLE	LIGHT	rs ·
			ED flashers, Whelen TIR6 #50R03ZRR with 5TSMAC flange.
COMPLY	YES	_ <i>NO</i>	APPROVED ALTERNATE
<b>6.30.09</b> Shall be a Wh and phaser.		LSA1, 20	00 watt. Siren options to include radio, horn, manual, wail, yelp
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
<b>6.30.10A</b> Shall be a Cas			RS -the-Bumper" Mount System with two 100 watt speaker drivers.
6.30.11	SEQUE	NTIAL S	SWITCHING SYSTEM
A Kussmaul s	equential	switching	g system shall be installed to control emergency lighting.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	watt, or la	ontrol par	erter with a 50-amp battery charger installed in Compartment nel shall be installed adjacent to the attendant panel. System e switch.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	Rigid, Ba	ja Desigr l from the	n or Vision X LED light bar, half amber half white. The driving e driver's console and activated by the OEM headlight high er.
COMPLY	YES	<i>NO</i>	APPROVED ALTERNATE
	C/120VA be thermos	C dual vo statically	oltage fluid warmers shall be installed in Cabinet #2. The controlled at 95 to 105 degrees F. Space for ten (10) one-liter
COMPLY	YES	NO	APPROVED ALTERNATE

	CABINET LIGHTING cabinets with sliding doors and Cabinet #1 shall be hantrolled by a switch in the action area.	ve low voltage strip lighting
COMPLY	YESNOAPPROVED ALTERNATE_	
<b>6.46X</b> A color back t	EXTERIOR AUDIO/VISUAL EQUIPMENT aup camera with a color video screen shall be installed	d. System shall automatically

activate when vehicle is placed in reverse.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

## **7** SUPPORTING DOCUMENTATION

## 7.01X OWNERS MANUAL

Two (2) shall be provided with vehicle and consists of the following items:

- 1. Chassis owner information packet.
- 2. Extra set of keys.
- 3. Lifetime module warranty.
- 4. Factory warranty on Chassis.
- 5. 7 Year/75,000 miles limited electrical warranty.
- 6. 2 Year/30,000 mile Conversion Warranty.
- 7. 5 Year Paint Warranty.
- 8. Module remount engineering check list.
- 9. Climate control information and warranty.
- 10. Main schematic.
- 11. Electrical Load Test.
- 12. Wire coding list.
- 13. Schematics for standard system: (As Built)
  - Driver switch console
  - Attendant switch console
  - Climate control system
  - Dual battery system
  - Module harness routing
  - Interior and exterior lights
- 14. Operations manual
- 15. Schematics for individual options.
- 16. Warranty and parts list for light bar, etc.
- 17. Parts manual

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#### 7.02X CHASSIS MANUFACTURER'S CD's

One (1) set of Workshop Manuals and one (1) Wiring Diagram manual shall be provided with vehicle.

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_\_

## 8 MISCELLANEOUS EQUIPMENT

# 8.01X LOOSE EQUIPMENT

The following equipment shall be shipped loose with the vehicle:

- 1. Touch Up Paint
- 2. Cord End for Shoreline
- 3. Wheel Simulator Wrench
- 4. Oxygen cylinder Wrench
- 5. Antenna Coax Ends
- 6. Spare Tire & Wheel
- 7. Two (2) 5-pound fire extinguishers with brackets

COMPLY	YES	NO	<b>APPROVED</b>	ALTERNATE

# 8.02 CUSTOMER SUPPLIED EQUIPMENT

The customer shall provide the following equipment and have delivered to manufacturer:

1. Sharps/Waste container

COMPLY YES\_\_\_NO\_\_\_APPROVED ALTERNATE\_\_

**END OF SPECIFICATIONS**