



INVITATION TO BID

AMBULANCE

GENERAL INFORMATION	SUBMISSION OF BIDS
Title: Bid for North Mason Regional Fire Authority Ambulance Date Issued: May 3, 2021 Bids Due: May 26, 2021 Bid Coordinator: Assistant Fire Chief Scott Cooper Email Address: SCooper@northmasonrfa.com	Mail or Deliver To: North Mason Regional Fire Authority Attn: Assistant Fire Chief Scott Cooper Po Box 277 460 NE Old Belfair Hwy Belfair WA 98528

Sealed bids will be accepted for furnishing North Mason Regional Fire Authority with one new ambulance, in accordance with the plans and specifications outlined by the Fire Authority.

Bids will be received at North Mason Regional Fire Authority Headquarters until 5:00 p.m. on Wednesday, May 26, 2021. Bids will be opened and read aloud at 1:00 p.m. on Thursday, May 27, 2021, at the Fire Authority's Headquarters.

The outside of the sealed envelope must be properly marked with:

"Bid for North Mason Regional Fire Authority Ambulance"

Bids to be on the basis of cash. Final payment will be issued upon final delivery and acceptance by the Fire Authority, in accordance with the specifications for this equipment. No bid may be withdrawn for a period of sixty (60) days after the bid closing date.

The Fire Authority reserves the right to reject any and all bids and to accept the bid it feels is in the best interest of the Fire Authority.

Special Note: Only Bidders and apparatus manufacturers conducting business inside North America shall be considered. The definition of a North American Bidder and manufacturer is: "The Company, who resides, pays taxes, manufacturers inside North America". There will be no exceptions to this requirement.

Any questions concerning the bid specifications shall be in writing and any exceptions must be approved by the Authority.



INSTRUCTIONS TO BIDDERS - AMBULANCE BID

Identification of Authority. North Mason Regional Fire Authority is the entity issuing this Invitation for Bids. The Fire Authority is a municipal corporation and a political subdivision of the state of Washington. It is the intent of these specifications to cover the furnishing of a complete apparatus equipped as specified for use as an ambulance.

The Authority's physical address is: 460 NE Old Belfair Hwy
Belfair, WA 98528

The Authority's mailing address is: PO Box 277
Belfair, WA 98528

For further information, contact Assistant Fire Chief Scott Cooper at scooper@northmasonrfa.com or call the Fire Authority at 360-275-6711 between the hours of 9:00 a.m. and 5:00 p.m. on all regular business days.

The Fire Authority representative for all matters relating to this invitation for bids is: Assistant Fire Chief Scott Cooper.

1. **Definitions.** The following terms shall have the meaning identified below when used in this document:
 - 1.1. **Bidder.** Any person or entity that submits a qualified bid in response to the Invitation for Bids by the Fire Authority.
 - 1.2. **Qualified Bid.** Any bid submitted to the Fire Authority in response to the Invitation for Bids issued by the Fire Authority that complies with the bid requirements.
 - 1.3. **Authority.** North Mason Regional Fire Authority.
 - 1.4. **Supplier.** The Bidder who is awarded the contract to supply the material and construction labor described in the bid specifications issued by the Fire Authority, whether referred to as Successful Bidder, General Contractor, Vendor or Manufacturer in subsequent documents.

- 1.5. **Acceptance.** The time at which the Fire Authority indicates the equipment, as received, substantially complies with the specifications issued by the Fire Authority.
 - 1.6. **Apparatus.** One new ambulance as more particularly described in the Apparatus Specifications (Exhibit B).
2. **Invitation for Bids.** North Mason Regional Fire Authority will accept bid proposals for the apparatus as follows:
 - 2.1. **Time.** Bid proposals must be received by the Fire Authority on or before 5:00 p.m. on Wednesday, May 26, 2021.
 - 2.2. **Place.** Bid proposals may be mailed to the Fire Authority's mailing address or hand delivered to the Fire Authority's Headquarters.
 - 2.3. **Bid Opening.** Bids will be opened and read aloud at 1:00 p.m. on Thursday, May 27, 2021, at the Fire Authority's Headquarters.
 - 2.4. **Board Action.** The Board of Commissioners will review the submitted bid proposals at an open public meeting at 5:00 p.m. on Tuesday, June 8, 2021, and may take formal action at that time or at a subsequent meeting.
3. **Acceptance/Rejection of Bids.** The Fire Authority reserves the right to reject any or all bids, to waive minor irregularities in any bids or in the bidding procedure, and to accept any bid presented which meets or exceeds the bid specifications and which the Board of Commissioners of the Fire Authority deems to be in the best interest of the Fire Authority. The Board of Commissioners reserves the right to accept the bid from the lowest Bidder, taking into consideration the interests of the Fire Authority and participating agencies as a whole. This may or may not be the bid with the lowest bid price.
4. **Instruction to Bidders and Specifications.** The invitation and instructions to Bidders and bid specifications may be obtained by contacting the Fire Authority between the hours of 9:00 a.m. and 5:00 p.m. on all regular business days or online at www.northmasonrfa.com. Any questions regarding bid specifications should be directed to Assistant Fire Chief Scott Cooper a minimum of five (5) business days prior to the bid due date. Clarifications, corrections and/or changes shall be sent in writing via email to all prospective Bidders.

5. **Bid Marking.** All bids must be submitted in a sealed envelope, clearly marked on the outside of the envelope, "Bid for North Mason Regional Fire Authority Ambulance".
6. **Bid Submission.** A Bidder may, without prejudice to the Bidder, withdraw, modify or correct a proposal after it has been deposited with the Fire Authority, provided the request is filed with the Fire Authority in writing, before the time set for opening bid proposals. The original proposal, as modified by such writing, shall be considered as a proposal submitted by the Bidder.
7. **Contents of Bid Proposal.** All bid proposals shall contain or be accompanied by the following:
 - 7.1. **Proposal.** The Bidder's detailed specifications of the apparatus and equipment which it proposes to furnish that meets or exceeds the bid specifications. Such description shall be set forth in the same sequence as set forth in the specifications. In the event any exceptions to the specifications are set forth in a bid proposal, the Bidder must also include an explanation to establish why they feel the exceptions are equivalent to, or exceed the specifications.
 - 7.2. **Drawings.** General layout drawings or pictures showing front, rear, left, right and top view of a representative apparatus must be submitted with the bid for the purpose of comparison. Critical dimensions such as overall height, overall length, body width, cab dimensions, compartment dimensions and overall body dimensions shall be on the drawings.
 - 7.3. **Qualification of Bidder.** Satisfactory evidence of the Bidder's ability to construct the ambulance as specified. The Bidder shall also state the number of years it has been building rescue apparatus and its financial condition.
 - 7.4. **References.** A list of Fire Departments that have purchased ambulances from the Bidder over the past five (5) years shall be supplied with the bid.
 - 7.5. **Availability of Parts and Services.** A statement showing the length of time that parts and services will be available after delivery of the apparatus and where such parts and service will be available.
 - 7.6. **Manuals and Diagrams.** An agreement that the Bidder will supply to the Fire Authority at the time of delivery of the apparatus, the following documents:
 - 7.6.1. At least one (1) copy of complete operation and maintenance manuals covering the complete apparatus as delivered.

7.6.2. At one (1) copy of complete electrical wiring diagrams covering the complete apparatus as delivered.

7.7. **Authority.** The bid must be signed by an authorized representative of the Bidder. The Bidder shall provide with the bid proposal, proof of such representative's authority to contractually bind the Bidder.

7.8. **Price.** The total bid price exclusive of state and local sales or use tax, using the attached Bid Form (Exhibit A).

7.9. **Delivery Date.** The Bidder shall provide in the bid proposal the amount of time in which the Apparatus will be delivered to the Fire Authority. The delivery date shall be no later than 300 days after bid award, subject only to labor strikes, acts of God or other delays not the fault of the Supplier. A provision that upon delivery of the completed apparatus to the Fire Authority, the Authority shall have a period of thirty (30) days after delivery in which to inspect and test the apparatus prior to acceptance.

8. **Compliance.** The Fire Authority advises all prospective Bidders that compliance with the requirements outlined in these instructions to Bidders and bid specifications will be considered by the Board of Commissioners in determining whether to accept or reject any bid.

9. **Material Considerations.** Each of the requirements contained in this document are material, and the failure of a Bidder to comply with each requirement may constitute grounds for rejection of the bid at the discretion of the Board of Commissioners.

10. **Bidding Errors.** The Fire Authority will not be liable for any errors in any Bidder proposal, and Bidders will not be allowed to alter or modify bids after the bid submittal deadline. The Fire Authority reserves the right to correct or amend errors such as typing, transposition or other obvious errors; however, the Fire Authority is not required to make such corrections or amendments. If a Bidder claims error and asks to be relieved of an award, the Bidder will be required to promptly present certified worksheets documenting the error. If the Fire Authority, upon review of the worksheets, is convinced in the Fire Authority's sole discretion, that an honest, mathematically excusable error or omission of costs has been made, the Bidder may be relieved of bid. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control.

11. **Offer Irrevocable - Time Period.** All bid proposals shall be deemed to be offers to enter into a contract and shall be irrevocable for a period of sixty (60) days from the date of opening of the bids.
12. **Specifications.** The Apparatus Specifications provided by the Fire Authority (Exhibit B) are the minimum requirements. Any exceptions equivalent to or exceeding these specifications will be given due consideration. Bidders shall include their proposal specification sheets. **Any exceptions to strict compliance with the specifications must be noted. A List of Exceptions to Specifications shall be prepared by the Bidder and included with the bid, indicating any and all exceptions, explaining each exception and describing the specification proposed to be met.**
13. **Contract Documents.** The contract shall be substantially in the form attached as Exhibit C. The contract shall specifically enumerate all documents that are included by reference, which shall include the following documents:
 - 13.1. The formal written agreement executed by each party.
 - 13.2. The Instructions to Bidders and Apparatus Specifications prepared by the Fire Authority.
 - 13.3. The bid proposal submitted by the Bidder.
 - 13.4. All warranties covering the apparatus.
14. **Warranty.** The manufacturer shall warrant the new apparatus of its own manufacture against defective workmanship and materials for a period of at least two (2) years from the date of delivery to the Fire Authority. A lifetime module body warranty shall be provided. Under this warranty, the manufacturer's liability is limited to furnishing the Fire Authority, without cost, parts and labor required to replace defective material or workmanship when there is no indication of misuse, neglect, improper maintenance, accident or overloading the apparatus. Defects shall be reported to the seller in writing by the Fire Authority within the warranty period. The warranty shall begin upon acceptance of the manufactured apparatus by the Fire Authority. All warranties included with this proposal shall be provided by the respective manufacturer and included with bid proposal. The warranty obligation shall include the following:
 - 14.1. All materials and required labor.
 - 14.2. All transportation and shipping costs for the apparatus or any part of the apparatus from the Fire Authority headquarters station to the place of repair and return.

14.3. The term of the warranty or warranties.

14.4. A copy of the warranty must be included in the bid.

14.5. Additional warranty requirements are identified in the Apparatus Specifications (Exhibit B).

15. **Statutes and Regulations.** The completed ambulance must comply with the requirements of applicable federal statutes and regulations, applicable Washington statutes and regulations of the Department of Labor and Industries, the Department of Transportation and all other applicable state regulatory agencies. In the event the specifications issued by the Fire Authority cannot be complied with without violating such requirements, the Bidder shall so state; if not discovered until after the contract has been executed, the Supplier shall advise the Fire Authority prior to delivery.
16. **Patents.** The Supplier shall defend any and all suits and assume all liability for any claims against the Fire Authority, or any of its officials, employees and agents, for the use of any patented process, device or article forming a part of the equipment or any appliance to be furnished under the contract.
17. **Conflict of Interest.** Bidders must certify that no officer, agent or employee of the Fire Authority who has participated in the contract negotiations on behalf of the Fire Authority has a pecuniary interest in the bid proposal, and that the proposal is made in good faith without fraud, collusion or participation of any kind by any other Bidder under the same call for bids, and that the Bidder is submitting the bid on its own behalf and not as an undisclosed agent of any person or firm.
18. **Public Disclosure.** All documentation submitted to the Fire Authority may be considered public record under applicable laws and may be subject to disclosure. Bidders recognize and agree the Fire Authority will not be responsible or liable in any way for any losses the Bidder may suffer from the lawful disclosure of information or materials to third parties. Any materials requested to be treated as confidential documents, proprietary information or trade secrets must be clearly identified and readily separate from the balance of the bid submission. Such designations will not necessarily be conclusive, and Bidders may be required to justify why such material should not, upon written request, be disclosed by the Fire Authority under the applicable Public Records Act (RCW 42.56). The Fire Authority will attempt to provide at least two (2) business days' notice of a public records request for material submitted pursuant to this Invitation for Bid. Bidders must respond to the notice in writing with any objection to the production of the documents within two (2) business days of the receipt of the notice. All costs incurred by Bidders associated with any public records request are the responsibility of the Bidders.



EXHIBIT A

BID FORM – AMBULANCE

The North Mason Regional Fire Authority is seeking bids for the furnishing of a new ambulance.

Sealed bids will be accepted at the North Mason Regional Fire Authority Headquarters located at 460 NE Old Belfair Highway (PO Box 277), Belfair, WA 98528 until 5:00 p.m. on Wednesday, May 26, 2021. The outside of the sealed envelope must be properly marked with "Bid for North Mason Regional Fire Authority Ambulance". For further information, contact Assistant Fire Chief Scott Cooper at scooper@northmasonrfa.com or call the Fire Authority at 360-275-6711 between the hours of 9:00 a.m. and 5:00 p.m. on all regular business days.

NOTE TO ALL BIDDERS: NO BIDS RECEIVED AFTER CLOSING WILL BE ACCEPTED

No bid may be withdrawn for a period of sixty (60) days after the bid closing date. The Authority reserves the right to reject any and all bids and to accept the bid it feels is in the best interest of the Authority.

The undersigned agrees to sell to North Mason Regional Fire Authority one ambulance, constructed and finished as per the specifications herewith submitted:

Year _____ Make _____ Model _____

PRICE \$ _____

SALES TAX \$ _____

TOTAL \$ _____

INSPECTION TRIPS Included____ Not Included____ Cost \$ _____

DELIVERY CHARGES Included____ Not Included____ Cost \$ _____

100% PERFORMANCE BOND Included____ Not Included____ Cost \$ _____

PRODUCTS LIABILITY INSURANCE Included____ Not Included____

The price quoted above shall remain firm until: _____

Delivery from the date of bid award shall be _____ days.

Signature: _____

Printed Name: _____

Company Name: _____

Title: _____

Company Address: _____

Phone: _____

Fax: _____

Email: _____

Motor Vehicle Dealer License: State _____ **#** _____

EXHIBIT B

APPARATUS SPECIFICATIONS - AMBULANCE

- 0.01** It is the intent of these specifications to secure an emergency vehicle constructed to withstand the severe and continuous use encountered during emergency service.

COMPLY	YES	NO
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- 0.02** The emergency vehicle shall be the latest type, carefully designed and constructed with due consideration to the nature and distribution of the load to be sustained. Bidder is required to provide weights of similar vehicles for comparison.

1. Vehicle Type _____ Year _____
Body Length _____
Unloaded Weights:
Front: Left _____ Right _____
Rear: Left _____ Right _____
Total Curb Weight _____
Owner of Vehicle _____
Contact Person _____
2. Vehicle Type _____ Year _____
Body Length _____
Unloaded Weights:
Front: Left _____ Right _____
Rear: Left _____ Right _____
Total Curb Weight _____
Owner of Vehicle _____
Contact Person _____
3. Vehicle Type _____ Year _____
Body Length _____
Unloaded Weights:
Front: Left _____ Right _____
Rear: Left _____ Right _____
Total Curb Weight _____
Owner of Vehicle _____
Contact Person _____

0.03 These specifications detail the requirements for general design criteria of engine, transmission, electrical, body, painting, and equipment. In evaluating the bid proposals to determine which proposal is the most advantageous, these major items shall be considered:

1. Conformity to the Specifications.
2. Bidders' past performance with this and other agencies.
3. Manufacturers past performance with this and other agencies.
4. Bidders' ability to service vehicles for this agency.
5. Cost of vehicles after adjustments for exceptions taken.

COMPLY **YES** **NO**

0.04 Emergency vehicle and equipment must meet the specific requirements and the intent of the requirements as specified herein. All items of these specifications shall conform to the character of the proposed emergency vehicle and the purpose for which it is intended.

COMPLY **YES** **NO**

0.05 The emergency vehicle and equipment to be furnished in meeting these specifications must be the product of an established reputable emergency vehicle QVM certified manufacturer. Each bidder shall furnish satisfactory evidence of the manufacturer's ability to construct, supply service, parts, and provide technical assistance for the vehicle specified. Bidder shall provide name, address, and phone number of the nearest facility which meets the following criteria:

1. Facility is under direct control of bidder to insure prompt service.
2. Facility has the needed equipment, (i.e., press brake, shear, plasma cutter, paint booth, etc.) to fabricate major body parts.
3. Facility has the ability and authority to properly remount module body bid without affecting manufacturer's warranties.
4. Facility is a Ford QVM member.
5. Facility is a member of NTEA (National Truck equipment Association)

Name _____

Address _____

Phone _____

COMPLY **YES** **NO**

0.06 The manufacturer shall defend any and all suits and assume all liability for any claim against the purchaser for the use of any patented process, device, or articles forming any part of the emergency vehicle proposed. Each bidder shall supply proof of \$5,000,000 product liability and facility insurance or show proof of being listed on manufacturer's \$5,000,000 product liability and facility insurance policy.

COMPLY **YES** **NO**

- 0.07** The vehicle shall be tested and approved prior to delivery, and all records of same shall be submitted at time of delivery. Bidders shall state the amount of mileage the vehicle will have on it at the time of delivery.

Approximate mileage at delivery _____

COMPLY **YES** **NO**

- 0.08** The manufacturer shall supply one (1) copy of parts, service, and operational manuals at delivery of the proposed emergency vehicle. Manuals shall include "As Built" body wiring diagrams.

COMPLY **YES** **NO**

- 0.09** Bidder shall compute pricing less Federal and State taxes. It is understood that any applicable taxes will be added to the proposed prices unless the purchaser furnishes appropriate tax-exempt forms. The proposal form contained herein shall be used by all bidders.

COMPLY **YES** **NO**

- 0.10** Bids shall be addressed and submitted in accordance with the "Call For Bid Cover Letter". Bid envelope must be identified with the words "**Emergency Vehicle Bid**", the opening date, and time on the face of the envelope.

COMPLY **YES** **NO**

- 0.11** It is the bidders' responsibility to see that their proposals arrive on time. Late proposals, telegrams, fax, e-mail or telephone bids will not be considered.

COMPLY **YES** **NO**

- 0.12** The bidder shall state the number of calendar days required for delivery of the completed vehicle after receipt of order by the manufacturer.

COMPLY **YES** **NO**

- 0.13** All bid prices shall be F.O.B. destination on a delivered and accepted basis of the finished vehicle. If a drive out allowance is allowed, it will be shown on the proposal page as a separate deduct amount, complete with details explaining the drive out procedure.

COMPLY **YES** **NO**

- 0.14** The successful bidder will be responsible for preparing and maintaining a record file of all parts and assemblies used to manufacture the emergency vehicle. These records shall be maintained in the factory of the bidder for the life of the apparatus. File shall contain copies of any and all reported deficiencies, all replacement parts required to maintain the apparatus, and original purchase documents including specifications, contract, invoices, incomplete chassis certificates, quality control reports, and final delivery acceptance documents.

COMPLY **YES** **NO**

- 0.15** Due to the technical nature of this project, bidders are required to provide detailed drawings and detailed specifications of exactly what they are proposing. Bids not providing these required support documents shall be deemed non-responsive and rejected. Drawings shall include four (4) exterior views showing lights, equipment, stripes, lettering, etc. and four (4) interior drawings showing cabinets, benches, equipment placement, etc. The use of standard drawings and standard specifications or copies of bid drawings does not constitute detailed drawings and detailed specifications and shall not be considered. In order to make evaluations of proposals as quick and concise as possible, manufacturers detailed specifications shall be in the same order as the bid document. Minor details of construction and materials, where not otherwise specified, are left to the discretion of the contractor, who shall be solely responsible for the design and construction of all features.
- COMPLY** **YES** **NO**
- 0.16** Some items have been specified by brand name or model number. These have been carefully selected because of their reliability, the availability of parts and service, or uniformity with this department. In order to be responsive, items specified by brand name and or part number named shall be contained in bid proposals.
- COMPLY** **YES** **NO**
- 0.17** Each bidder must indicate compliance with these specifications by checking "Comply Yes / No" below each section of these specifications. Checking "Yes" will indicate complete compliance with that section; "No" will indicate an exception is being taken. Bidder must underline in red ink any portion of the section which will not be provided as specified. All exceptions must be fully explained on a separate page, giving reference to the page number and the section where the exception is being taken. Sufficient explanation and documentation shall be provided so that this agency may evaluate exception. Failure to comply with these requirements will result in automatic rejection of the entire proposal.
- COMPLY** **YES** **NO**
- 0.18** Proposals taking total exception to specifications will not be accepted.
- COMPLY** **YES** **NO**
- 0.19** The purchaser reserves the right to accept or reject any and all bids on such basis as the purchaser deems to be in its best interest, and is not bound to accept low bid.
- COMPLY** **YES** **NO**
- 0.20** The purchaser reserves the right, before awarding the bid, to require a bidder to submit evidence of their qualifications as may be deemed necessary.
- COMPLY** **YES** **NO**

- 0.21** All equipment furnished shall be guaranteed to be new and of current manufacture and to meet all requirements of these specifications. Workmanship shall be of high quality and accomplished in a professional manner so as to ensure a safe and functional apparatus.

COMPLY **YES** **NO**

- 0.22** Manufacturer shall warrant new apparatus of its own manufacture against defective workmanship and materials for a period of at least two years from the date of delivery to the purchaser. A lifetime module body warranty shall be provided. Under this warranty, manufacturer's liability is limited to furnishing purchaser, without cost, parts and labor required to replace defective material or workmanship when there is no indication of misuse, neglect, improper maintenance, accident, or overloading the apparatus. Defects shall be reported to seller in writing by the purchaser within the warranty period. Parts and labor will be supplied after inspection by an authorized agent of the manufacturer. Defective parts shall be returned prepaid by purchaser to seller when requested. Warranty shall begin upon acceptance of the manufactured apparatus by the purchaser. All warranties included with this proposal shall be provided by the respective manufacturer and included with bid proposal.

COMPLY **YES** **NO**

- 0.23** In the event the unit fails to meet the specified requirements, the purchaser has thirty (30) days to notify the contractor in writing of corrections required. Failure to make such changes as the purchaser may consider necessary to conform to any clause of the specifications, within thirty days of notification, shall be cause for rejection of the unit.

COMPLY **YES** **NO**

- 0.24** All bidders shall provide bid security in the amount of ten percent (10%) of the total bid price, payable by bidder to the purchaser. Such security may be in the form of a bid bond in form and from a surety company reasonably acceptable to purchaser, a cashier's check, or other security acceptable to purchaser. Bonds which do not show the bidder as "principal" shall be rejected as unenforceable and bid deemed non-responsive. In case of failure or refusal of the successful bidder to enter into a contract, the bid security submitted with the bid may be forfeited as liquidated damages because of such a failure.

COMPLY **YES** **NO**

- 0.25** The successful bidder may be required to execute and deliver to the purchaser a Performance Bond in the amount of 100% of the contract price, in form and from a surety company reasonably acceptable to purchaser. The bond shall show the bidder as the "principal" and provide for a 100% guarantee that the bidder will deliver the apparatus and equipment per the bid specifications. The bond shall extend to the warranty provided by the bidder/manufacturer for one (1) year past delivery date, beyond which time the bidder/manufacturer will maintain continued responsibility for the remaining term of the warranties. Bidder shall state cost of such bond on price sheet. Requested bonds will only be acceptable if the bidder is listed as the principal on the bonds. Bonds from manufacturers will not be acceptable unless they are the bidder and will be a party to the contract.

COMPLY **YES** **NO**

- 0.26** Bidder shall provide **a pre-build meeting and a final inspection meeting** at the manufacturing facility. If the bidder is not in the full-time employment of the company who will manufacture the vehicle, he is required to attend both of these meetings. Bidder shall be responsible for the following expenses, to include airfare, ground transportation from airport to plant and return, meals and lodging if necessary. **Pre-build meeting shall be for one (1) person from purchaser. Final Inspection meeting shall be for two (2) people from the purchaser.**

COMPLY	YES	NO
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- 0.27** As this agency expects to remount this vehicle at some future date bidder shall supply a copy of the manufacturer's current remount warranty with the bid. If the manufacturer does not provide remount services bidder shall provide the name, address, phone, and history of the company who does provide the remount services, a current copy of their remount warranty and \$5,000,000 product liability insurance policy.

COMPLY	YES	NO
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0.28 **FORCE MAJEURE**

The seller shall not be charged with liquidated damages or any excess cost when delay in delivery of goods is due to:

1. Any preference, priority of allocation order duly issued by the Government;
2. Unforeseeable cause beyond the control and without the fault, or negligence of the Seller, including but not restricted to, acts of God, or of the public enemy, acts of the Buyer, acts of another Contractor in the performance of a contract with the Buyer, fire, flood, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; and
3. Any delays of subcontractors occasioned by any of the causes specified in the two immediately preceding clauses.

Provided that the Seller shall, within seven (7) days from the beginning of such delay, notify the Buyer, in writing, of the causes of the delay whereupon the Buyer shall ascertain the facts and extent of the delay and notify the Seller within a reasonable time of its decision in the matter.

COMPLY	YES	NO
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0.29 **INTER-LOCAL AGREEMENT**

Pursuant to Revised Code of the Washington (RCW) 39.34.030(5), any public agency or agencies in Washington may purchase or otherwise utilize this contract provided the public agency or agencies that awarded the original contract complied with all statutory notice and contracting requirements.

Public or purchasing agencies from Oregon and Washington may utilize this contract for interstate cooperative procurements, according to the requirements of ORS 279a.220 and RCW 39.34.

This bid shall remain open to additional purchases (Interlocal, Tag-On, Piggy Back) by this or other agencies for a period of three (3) years, with periodic cost adjustments based on actual manufacturer's price increases.

1 CHASSIS

1.01 OEM CHASSIS

- 2022 Ram 4500 Regular Cab 4 x 2, meeting all the specifications of Section 1.01
Chassis subject to model year changes
 - 3 year/36,000 mile Basic Limited Warranty
 - 5 year/100,000 mile Powertrain Limited Warranty
 - Special Emissions-Emergency Vehicle Fire Rescue Prep Package
 - Dual Rear Wheels
 - Provided by Manufacturer

COMPLY	YES	NO
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1.01.01 SPECIFIC RATINGS

- Drive – 4 x 2
- G.V.W.R. – 16,500 lb.
- Front Axle – 7,250 lb.
- Rear Axle – 12,000 lb.
- Wheelbase – 192.5"
- Cab to Axle – 108"
- Front Spring Capacity – 7,250 lb.
- Rear Spring Capacity – 12,000 lb.
- Rear Differential – 4.10 ratio, Anti-Spin Differential Rear Axle

COMPLY	YES	NO
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1.01.02 POWER TRAIN

- Engine
 - 6.7L I6 Cummins Turbo diesel, B-20 Bio Diesel capability with manual regen
 - Diesel Emission Fluid (DEF) System
 - Engine Block Heater (Cold Weather Group)
 - Diesel exhaust brake
- Heavy duty type air cleaner
- Engine Cooling System
- Transmission
 - Six speeds Heavy Duty Automatic, AISIN AS69RC
 - Auxiliary transmission oil cooler
- Exhaust System
 - System complies with Federal Motor Carrier Safety Regulations, Part 393.83
 - Suspended using three hangers, excluding manifold attachment
 - Discharge at right rear side of module
 - Tailpipe shall not terminate within twelve inches of the vertical axis of the fuel tank filler opening.

COMPLY	YES	NO
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1.01.03 STEERING

- Power Steering
- Tilt steering wheel

COMPLY	YES	NO
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1.01.04**SHOCK ABSORBERS/STABILIZER BARS**

- OEM Heavy-duty shock absorbers front and rear
- OEM front and rear stabilizer bars

COMPLY	YES	NO
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1.01.05**BRAKES**

- Heavy duty power assisted four-wheel ABS; Front and rear disc
- Electronic Stability Control
 - Trailer Sway Damping
 - Hill Start Assist
 - Traction Control

COMPLY	YES	NO
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1.01.06**TIRES AND WHEELS**

- Seven OEM 225-70R-19.5G All Position
- Seven OEM 19.5" steel wheels
- Spare tire and steel wheel shipped loose

COMPLY	YES	NO
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1.01.07**ELECTRICAL**

- Alternators – OEM Dual 220 Amp each (440 total)
- Batteries – OEM Dual 730 CCA each
- Voltage Monitoring Auto Idle-Up System

COMPLY	YES	NO
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1.01.08**INSTRUMENT PANEL AND CONTROLS**

- Push-Button Start
- Gauges
 - Speedometer
 - Tachometer
 - Fuel Level
 - Coolant Temperature
 - Oil Pressure
 - Voltmeter
 - Diesel Exhaust Fluid (DEF)
- Information Center
 - Odometer/Trip Odometer
 - Engine Hour Meter
 - Diesel engine warning lights
- Cruise Control
- Audio – OEM AM/FM, with BlueTooth, audio input jack
- Dual USB port
- 12VDC auxiliary power outlet

COMPLY	YES	NO
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1.01.09**CAB EXTERIOR**

- Trim Level – Tradesman
- Horn – OEM dual note electric
- Chrome Appearance Group
 - Chrome bumper
 - Chrome grille
- Wheel Flares – Front, Black
- Tow Hooks – Two Front
- Windows – Tinted safety glass
- Windshield wipers – Variable, Intermittent
- Mirrors
 - Two black, Manual Folding Trailer Tow with convex
 - Supplemental signals and courtesy lamps
 - Power, heated glass
- Lighting
 - Halogen headlamps, Quad, automatic
 - Daytime running headlamps, low beam
 - Clearance lamps
- Fuel tank – OEM 52 Gallons

COMPLY	YES	NO
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1.01.10**CAB INTERIOR**

- Seats – OEM
 - Vinyl bench seat 40/20/40
 - Delete front center seat
 - Combination lap and shoulder harness
- Climate Control – OEM
 - Heavy duty, fresh air, high capacity heater/defroster
 - Dehumidifying air conditioning system
- Interior
 - Cloth headliner
 - Cloth sun visors
 - Interior Day/Night rearview Mirror
 - Map Light
 - Upgraded Door trim
 - Black vinyl floor covering
 - Power windows & power door locks
 - Remote keyless entry with fob
 - Anti-theft system

COMPLY	YES	NO
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1.01.11X**COLORS**

- Exterior – **Black (PX8), *subject to delayed production***
- Interior – Black/Diesel Gray

COMPLY	YES	NO
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1.02 CHASSIS MODIFICATIONS

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

COMPLY	YES	NO
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1.02.03 SIMULATORS/VALVE EXTENDERS

Stainless steel wheel simulators shall be installed on all outer wheels, with braided valve stem extenders installed for the two rear inner wheels.

COMPLY	YES	NO
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1.02.04 EXHAUST HEAT SHIELDS

Shall be formed from 20 ga. galvanized sheet metal with stamped reinforcements and formed edges. Access openings shall be provided for shock absorber, mounting bolts, etc. Heat shields shall be bolted to chassis frame and extend from back of cab to the frame cross member just behind the rear axle.

COMPLY	YES	NO
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1.02.05 RUNNING BOARDS WITH SPLASH GUARDS

Running boards made of 0.125" bright aluminum diamond plate for a F450 regular cab chassis shall be securely mounted on both sides of the chassis with OEM fasteners.

COMPLY	YES	NO
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1.02.09 MUD FLAPS

Mud flaps with the Manufacturer logo shall be installed behind each rear wheel.

COMPLY	YES	NO
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1.02.10X TIRES AND WHEELS

The rear OEM wheels/tires shall be removed, and four Mud/Snow rated tires shall be remounted on OEM wheels before reinstallation. The OEM tires shall be shipped loose (Section 8.01 related).

COMPLY	YES	NO
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1.02.14A SUSPENSION

A LiquidSpring rear suspension system shall be installed, with a kneeling feature to activate when the rear streetside patient compartment entrance door opens within 60 minutes of the chassis ignition being turned off. An override switch labeled "DUMP OVERRIDE" shall be provided on the curbside rear wall, accessible from rear curbside door. The LiquidSpring control panel shall be installed on the chassis dash to the left of the steering wheel.

COMPLY	YES	NO
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1.03 MODULE-TO-CHASSIS MOUNTING SYSTEM

1.03.01 MODULE MOUNTING SYSTEM

The module shall be bolted to the chassis frame in no fewer than twelve locations. Each mounting location shall include a hard rubber isolation pad between the chassis frame and the module lateral. The rearmost lateral(s) shall be connected to the frame extensions with 5/8" grade 8 bolts. All remaining laterals shall be connected with vertical 3/4" grade B7 eye bolts fastened to the frame rails with horizontal 3/4" grade 8 hex bolts. All bolts shall be secured with locking nuts.

COMPLY	YES	NO
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1.03.02 CAB-TO-MODULE ATTACHMENT

The module shall be connected to the cab with a flexible watertight boot to allow cab-body flex as designed by the chassis manufacturer. The chassis back shall be replaced by an aluminum insert with integral walk-thru frame covered with black-painted polyurea thermoplastic elastomer (Section 3.04.01 related). The insert shall be installed with 0.25" stainless steel bolts.

A stainless-steel threshold shall be installed protect the bottom of the walk-thru (Section 2.13B related).

COMPLY	YES	NO
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2 **MODULAR CONSTRUCTION**

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 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 brand name, make, or model of equipment has been specified, no exceptions shall be allowed. 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
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2.01

MATERIAL

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-H22
Stainless Steel	16 ga., 20 ga	304 # 4B

COMPLY	YES	NO
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2.02**MODULE DIMENSIONS**

Overall Vehicle Dimensions (Specifications are listed as minimums.)

Length	25 '	5.75 "	305.75 "
Width (excluding mirrors)	7 '	10 "	94.00 "
Height (Approximate)	9 '	5.75 "	113.75 "

Exterior Module Dimensions (Specifications are listed as minimums.)

Length	14 '	3 "	171.00 "
Width	7 '	10 "	94.00 "
Height	7 '	4.375 "	88.38 "

Interior Dimensions (Specifications are listed as minimums.)

Length	Forward Wall to Rear Wall	162.00 "
Width	Left Wall to Right Wall	89.00 "
Floor Width	Left Cabinets to Squad Bench	50.25 "
Height	Floor to Ceiling	72.00 "

Load Height (Approximate)		37.00 "
	With suspension dumped	33.00 "

COMPLY	YES	NO
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2.03**STRUCTURAL FRAMING**

Side wall and rear wall construction shall consist of 2" x 2" x 0.125" aluminum square tubing extensions welded together with a maximum of 14" centers. 1" x 2" x 0.125" aluminum tubing may be utilized in addition to 2" x 2" tubing to accommodate custom compartment sizes. The bottom of the wall structure shall be sealed with a welded 2" x 2" tube, a 2" x 2" angle, or a 0.125" plate depending upon location. The wall structure shall be capped with a 2" x 4" x 0.125" header upon which a 2" x 2" x 0.125" roof structure is welded. This process provides a unitized roll cage structure for greater occupant safety. The front wall structure shall be constructed of formed aluminum channels to allow ample space for wiring raceways, heater hoses, and A/C hoses.

COMPLY	YES	NO
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2.04**FOUNDATION SYSTEM**

The foundation system shall consist of a 0.125" aluminum sheet subfloor with foundation members securely welded under the subfloor. Transverse members (laterals) shall consist of 3" x 3" x 0.375" structural angles. 0.25" x 1.5" aluminum stringers shall span longitudinally between the laterals.

COMPLY	YES	NO
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2.05

MODULE SEAMS

All body and compartment seams at or below floor level shall be full-seam-welded. The entire perimeter of the subfloor shall be completely sealed with a caulking material, creating a watertight seam.

COMPLY	YES	NO
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2.06

EXTERIOR SKIN

A Norton NORBOND closed-cell, polyurethane foam tape with high-performance acrylic adhesive shall be utilized full length on all front and rear wall and roof frame members. A polyurethane adhesive sealant shall be applied to the edges of framing members that are bonded with NORBOND tape. An advanced two-part methacrylate structural adhesive shall be used to bond all side wall tubes to the exterior skin and door frames.

The module shall be constructed utilizing full-size sheet construction to minimize body seams. There shall be no corner or mid-body seams.

COMPLY	YES	NO
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2.07

MODULE ROOF

In order to improve module strength and minimize exposed seams, the roof shall be seamed transversely, shall be crowned, shall have a 1.5" radius along the edges, and shall be welded to 2" x 4" wall header tubes 4.75" 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 continuously welded and body-worked on the outside. 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 module.

A contoured, 3/8" aluminum plate, painted to match the module, shall be welded to the roof structure and project through the center of the roof to serve as anchorage for personal fall arrest equipment. The anchorage is designed and rated for a single person only.

COMPLY	YES	NO
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2.08

MODULE EXTERIOR COMPARTMENTS

All compartments shall be constructed from formed 0.125" aluminum, 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 track, which is securely welded to compartment interiors. Each shelf shall support at least 300 lb. of equipment.

COMPLY	YES	NO
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COMPARTMENT #1**Interior Dimensions** – 52"W x 35"H x 19"D**Doorway Dimensions** – 52"W x 35"H**Location** – Streetside**Shelving** – One adjustable**Door(s)** – Double**Light(s)** – Two LED strip lights (Section 6.26X related)**Additional Instructions** –

1. The 120VAC Power Box shall be installed in the forward wall (Section 6.21 related), recessed so as not to protrude into the compartment.
2. The adjustable shelf shall be located midway from the floor.
3. A 1200-watt inverter shall be mounted on the floor with a perforated surround (Section 6.31 related).
4. A filtered vent with MERV 8 polyester filter media shall be installed on the forward wall, and a soffit vent on the back wall, in line with the inverter.

COMPLY	YES	NO
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COMPARTMENT #2**Interior Dimensions** – 32"W x 70"H x 19"D**Doorway Dimensions** – 32"W x 70"H**Location** – Streetside**Shelving** – One adjustable bin-style, 16"W**Door(s)** – Single**Light(s)** – Two LED strip lights (Section 6.26X related)**Additional Instructions** –

1. This compartment shall have a welded bracket, painted to match the compartment, and three ratcheting straps with UHMW stiffeners set up for storage of a **customer-supplied-and-installed** H-size cylinder (Section 4.10 related).
2. A three-quarter height close out shall be built into the forward rear corner of this compartment, to offset welded cylinder bracket from back wall. To be confirmed at preconstruction meeting.
3. Two full-height strips of heavy-duty aluminum track shall be installed on back wall, aft, and one full-height strip of heavy-duty aluminum track shall be installed on the aft wall offset 3" from back corner.
4. A black powder-coated angled corner bracket shall be installed on aluminum track, aft for a **customer-supplied-and-installed** SCBA cylinder holder (Section 4.10 related).
5. A bracket and strap shall be installed by manufacturer in a recessed pocket on compartment door **for a customer-supplied-and-installed** Stryker Stair Pro Model #6252 stair chair (Section 4.27 related).
6. A **customer-supplied** Box Lantern with 12VDC charging bracket shall be installed on the aft wall, 6" up and toward the door gasket (Section 6.45 related).
7. A vent with MERV 8 polyester filter media shall be installed on the aft wall.

COMPLY	YES	NO
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COMPARTMENT #3

Interior Dimensions – 28"W x 74"H x 19"D

Doorway Dimensions – 28"W x 70"H

Location – Curbside rear

Shelving – One adjustable bin-style, 16"W

Door(s) – Single

Light(s) – Two LED strip lights (Section 6.26X related)

Additional Instructions –

1. Two backboard restraining straps shall be installed on the aft wall.
2. A formed stainless steel gasket cover shall be installed on the lower doorframe edge so that backboards do not cut gasket material.
3. The adjustable bin shelf shall help hold the backboards in place.
4. Two full-height strips of heavy-duty aluminum track shall be installed on back wall, forward, and one full-height strip of heavy-duty aluminum track shall be installed on the forward wall offset 3" from back corner.
5. A black powder-coated angled corner bracket shall be installed on heavy-duty aluminum track, aft for a *customer-supplied-and-installed* SCBA cylinder holder (Section 4.10 related).
6. A *customer-supplied* Box Lantern with 12VDC charging bracket shall be installed 6" up on aft wall located toward the door gasket.
7. A vent with MERV 8 polyester filter media shall be installed on the aft wall.

COMPLY	YES	NO
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COMPARTMENT #4 – Inside/Outside Access

Interior Dimensions – 25.75"W x 58"H x 32"D

Doorway Dimensions – 25.75"W x 58"H

Location – Curbside, forward

Shelving – See Interior Cabinet #12

Door(s) – Single

Light(s) – One LED strip light (Section 6.26X related)

Additional Instructions –

1. This compartment shall provide inside/outside access to Cabinet #12 with a full width stainless-steel threshold on the floor level shelf.
2. There shall be general storage located below the floor.

COMPLY	YES	NO
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2.09

MODULE DOORS

The doors shall be box-pan-formed with a total thickness of 2".

COMPLY	YES	NO
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2.09.01

DOOR FRAME AND SEAL

Each door frame shall have a flange for the installation of an air cell hollow core 360-degree compression door seal. This seal creates watertight, dust-free compartment integrity. Door seal shall be knock-on type. Door frames shall be bonded to the adjacent tubes such that no exterior flange is required.

COMPLY	YES	NO
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2.09.02**DOOR HINGES**

Compartment and passage doors shall have full-length, piano-type, 2.5"W stainless steel hinges, positioned with 0.25" rivets at each end. The hinges shall be attached with #12 x 0.75" stainless steel truss head screws spaced 4" apart, sealed with Sikaflex. All curbside and streetside side-hinged doors shall be hinged on the forward sides, and all rear side-hinged doors shall be hinged on the outboard sides.

COMPLY	YES	NO
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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	NO
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2.09.04**COMPARTMENT DOOR CONTROL**

A heavy-duty, double-spring door control capable of holding the door open at approximately a 90-degree angle on any road surface shall be installed at the top of each compartment door.

COMPLY	YES	NO
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2.09.05**CURBSIDE DOOR CONTROL**

A heavy-duty, double spring door check capable of holding the door open at approximately a 90-degree angle on any road surface shall be installed at the top of the curbside passage door.

COMPLY	YES	NO
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2.09.06**REAR DOOR CONTROL**

Rear door controls shall be two grabber-type hold-open devices with replaceable rubber catches.

COMPLY	YES	NO
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2.09.07**COMPARTMENT DOOR SKINS**

Each compartment door skin shall be made of 0.080" bright aluminum diamond plate, shall be removable, and have a latch service opening with a 2.25" x 4.5" black rubber plug for lubrication and service. Door skins shall be secured with #8 pan head screws and Sikaflex. Red/white 1.5" conspicuity tape shall be installed on the outboard vertical edge of each door.

COMPLY	YES	NO
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2.09.08A**ENTRANCE DOOR SKINS**

Shall be high-pressure-laminate-covered 0.090" aluminum plate with 20" stainless steel kick panels on the side door and 16" stainless steel kick panels on the rear doors. A removable stainless-steel bezel shall be installed at mid-height on the door skin to provide access to the latch handles and electric lock motors (Section 6.40 related). Red/white 1.5" conspicuity tape shall be installed on the top, bottom, and vertical edges of the side passage door and curbside rear door. The streetside rear door shall have conspicuity tape on the top and bottom edges.

COMPLY	YES	NO
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2.09.09**ENTRANCE DOORWAYS**

One curbside and two rear module entrance doors shall be provided. The curbside doorway dimensions shall be 31"W x 73.75"H. The rear doorway dimensions shall be 49.75"W x 66"H.

COMPLY	YES	NO
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2.09.10**THRESHOLDS**

All compartment and module access door frames shall have full-width-formed stainless-steel threshold plates to protect the lower edge of frame.

COMPLY	YES	NO
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2.10**MODULE INTERIOR CABINETS**

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 track.

COMPLY	YES	NO
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CABINET #1

Dimensions – 32.5"W x 10.75"H x 15.75"D

Location – Streetside upper

Shelving – None

Door(s) – Top-hinged clear polycarbonate with gas shock lift system, twist/slam latch, and full-length extruded aluminum door pull

Lighting – LED under-cabinet strip light (Section 6.14 related)

Additional Instructions –

1. Two strips of aluminum track shall be installed on the ceiling of the cabinet with three painted aluminum adjustable dividers.

COMPLY	YES	NO
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CABINET #2**Dimensions** – 32.5"W x 10.75"H x 15.75"D**Location** – Streetside upper center**Shelving** – None**Door(s)** – Top-hinged clear polycarbonate with gas shock lift system and twist/slam latch, and full-length extruded aluminum door pull at bottom of door.**Lighting** – LED under-cabinet strip light (Section 6.14 related)**Additional Instructions** –

1. Two strips of aluminum track shall be installed on the ceiling of the cabinet with three painted aluminum adjustable dividers.

COMPLY	YES	NO
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CABINET #3**Dimensions** – 32.5"W x 10.75"H x 15.75"D**Location** – Streetside upper rear**Shelving** – None**Door(s)** – Top-hinged clear polycarbonate with gas shock lift system and twist/slam latch, and full-length extruded aluminum door pull at bottom of door.**Lighting** – LED under-cabinet strip light, forward section only (Section 6.14 related)**Additional Instructions** –

1. Two strips of aluminum track shall be installed on the ceiling of the cabinet with three painted aluminum adjustable dividers.

COMPLY	YES	NO
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#4 – Action Area**Dimensions** – "W x "H x "D**Location** –**Additional Instructions** –

1. An attendant control panel, suction collector, oxygen outlet, inverter panel, digital thermostat, 120VAC GFCI duplex receptacle, and dual USB charging port shall be installed on the Action Area wall (Sections 5.11A, 5.17, 6.13, 6.21, and 6.25 related).
2. A Sigtronics head set jack, PTT button, and headset hook shall be installed on Action Area wall below forward end of overhead cabinet (not shown in drawings, Section 6.18X related).
3. The counter top shall be one-piece 16 ga., 304 stainless steel with a 0.5" aluminum retaining lip and aluminum cove trim along the wall.
4. A sharps and waste space sized for a Becton-Dickinson, 8.2 Qt., sharps container and a 7 Qt. waste shall be located at the aft of the countertop. The sharps and waste shall be accessible and changeable through a hinged clear polycarbonate flip-up lid with a finger hole (Section 5.26X related).

COMPLY	YES	NO
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CABINET #5 – Waste Storage**Dimensions** – 15.5"W x 22.5"H x 14"D**Location** – Streetside, lower forward**Shelving** – None**Door(s)** – Painted aluminum, hinged door with a twist/slam latch and access opening**Additional Instructions** –

1. A 13.625 qt. waste container shall be installed on door with a restraining strap and shelf bracket to hold in place (Section 5.26X related).
2. Door will have a 2" lip at the floor level.

COMPLY	YES	NO
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CABINET #6 – Squad Bench with Storage**Dimensions** – Bench: 65.25"W x 19.75"H x 19.5"D

Storage: 52"W x 8.625"H x 19.5"D

Location – Streetside**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, two automatic hold-open devices, and stainless-steel paddle latch. The pad shall be removable.**Additional Instructions** –

1. The squad bench back and/or head pads shall have high density foam padding covered with seamless vinyl.
2. Three sets of two-point automatic locking retractor seatbelts shall be installed on the bench for use with sit-up patients (Section 5.14X related).
3. A two-point automatic locking retractor seatbelt shall be installed by manufacturer at the aft end of the bench and set up for a and set up for a *customer-supplied-and-installed* child safety seat (Section 5.14X related).
4. The squad bench base to be formed from aluminum and securely anchored to sub-floor. The bottom and sides of the storage area shall be sprayed with textured gray polyurea thermoplastic elastomer and painted white with gray splatter.
5. One Sage #85031 2 qt. sharps container with a mailbox lid shall be installed below aft end of bench, on a tip-down painted aluminum door with a twist-slam latch and a nylon retention strap (Section 5.26X related). This area shall be sealed from the squad bench storage area.
6. An Electric Oxygen LED content display shall be installed on the forward-facing wall at the aft end of the squad bench (Section 5.11A related).

COMPLY	YES	NO
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CABINET #7**Dimensions** – 71.5"W x 10"H x 11"D**Location** – Curbside upper**Shelving** – None**Door(s)** – Two top-hinged clear polycarbonate each with gas shock lift system and twist/slam latch and full-length extruded aluminum door pull**Lighting** – LED under-cabinet strip light (Section 6.14 related)**Additional Instructions** –

1. Two strips of aluminum track shall be installed on the ceiling of the cabinet with three painted aluminum adjustable dividers.

COMPLY	YES	NO
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CABINET #8 – Squad Bench with Storage**Dimensions** – Bench: 73.625"W x 19.75"H x 19.5"DStorage: 38.125"W x 8.625"H x 19.5"D (Aft)
24"W x 17"H x 19.5"D (Fore)**Location** – Curbside**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, an automatic hold-open device, and stainless-steel paddle latch. The pad shall be removable**Additional Instructions** –

1. The squad bench back and/or head pads shall have high density foam padding covered with seamless vinyl.
2. Three sets of two-point automatic locking retractor seatbelts shall be installed on the bench with three additional lower seatbelt buckle ends and be set up for use with sit-up or stretcher patients. (Section 5.14X related).
3. The squad bench base to be formed from aluminum and securely anchored to sub-floor. The bottom and sides of the storage area shall be sprayed with textured gray polyurea thermoplastic elastomer and painted white with gray splatter.
4. One Sage #85031 2 qt. sharps container with a mailbox lid shall be installed below aft end of bench, on a tip-down painted aluminum door with a twist-slam latch and a nylon retention strap (Section 5.26X related). This area shall be sealed from the squad bench storage area.
5. Storage for three *customer-supplied-and-installed* D-sized cylinders with a restraining strap shall be provided in the forward portion of storage area (Section 5.35X related).
6. A clock shall be installed in the forward-facing wall at the aft end of the bench (Section 5.24 related).
7. An Oxygen outlet and a rotary timer shall be installed on the curbside wall over the bench (Section 5.11A and 6.16 related).
8. A 120VAC GFCI duplex receptacle shall be mounted on the wall over the aft end bench (Section 6.21 related).
9. A net system shall be installed at forward end of bench to prevent a person seated on the bench seat from traveling forward off the seat and into the front cabinetry due to sudden braking (Section 5.34C related). The net system shall be easily removed for cleaning or replacement and be designed to accept the required load.
10. A Perlesmith #PSLRVF RV lockable/tiltable retracting wall mount shall be installed above bench, exact location to be determined (Section 6.52 related).

COMPLY	YES	NO
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CABINET #9 – Electrical Cabinet**Dimensions** – 27.5"W x 10.75"H x 27.875"D**Location** – Front, upper right**Shelving** – None**Door(s)** – Painted aluminum, hinged, swing up door with a hold-open device, a non-keyed quarter turn slotted latch, and an automatic compartment light.**Additional Instructions** –

1. This cabinet shall house the electrical compartment module (Section 6.01 related).

COMPLY	YES	NO
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CABINET #10 – Cool Cabinet

Dimensions – 10.5"W x 7"H x 14.75"D

Opening Dimensions – 8.5"W x 6"H

Location – Front, center right

Shelving – None

Door(s) – Side-hinged, painted aluminum with twist/slam latch.

Additional Instructions –

1. A 12VDC custom cool cabinet, with twist/slam latch, shall be installed as Cabinet #10, with the compressor behind the cool cabinet (Section 5.28X related).

COMPLY	YES	NO
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CABINET #11

Dimensions – 14"W x 12.75"H x 27.875"D

Location – Front, center right

Shelving – None

Door(s) – Side-hinge clear polycarbonate with twist/slam latch.

Additional Instructions – None.

COMPLY	YES	NO
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CABINET #12 – Inside/Outside Access

Dimensions – 31"W x 44.25"H x 27.875"D

Location – Curbside, forward

Shelving – Two adjustable, with 2" lip up towards exterior and 1" x 1" lip down towards interior

Door(s) – 1" webbed net with three quick release buckles along outboard edge; shall be secured with screws along inboard edge.

Additional Instructions –

1. This cabinet shall be accessible from the outside via exterior Compartment #4.
2. One 120VAC GFCI duplex receptacle and one 12VDC receptacle shall be installed in the back wall (Sections 6.21 and 6.25 related).

COMPLY	YES	NO
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CABINET #13 - HVAC

Dimensions – 21.75"W x 13.5"H x 27.875"D

Location – Front, upper center

Additional Instructions –

1. This area shall house heating/air conditioning unit and suction pump (Sections 5.17 and 6.12 related). The suction pump shall be located behind the unit.

COMPLY	YES	NO
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CABINET #14**Dimensions** – 28.25"W x 12.75"H x 27.875"D**Location** – Front, upper left**Shelving** – None**Door(s)** – Sliding, clear 0.177" acrylic with felt lined anodized aluminum track and full extruded aluminum door pulls**Additional Instructions** –

1. Two strips of aluminum track shall be installed on the ceiling of the cabinet with one painted aluminum adjustable divider.

COMPLY	YES	NO
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CABINET #15**Dimensions** – 31"W x 11.625"H x 27.875"D**Location** – Front, center left**Shelving** – None**Door(s)** – Sliding, clear 0.177" acrylic with felt lined anodized aluminum track and full extruded aluminum door pulls**Additional Instructions** –

1. A 120VAC fluid warmer with a 120VAC GFCI duplex receptacle shall be installed in lower right corner of this cabinet (Section 6.21 and 6.35 related).
2. Two strips of aluminum track shall be installed on the ceiling of the cabinet with one painted aluminum adjustable divider.

COMPLY	YES	NO
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CABINET #16 – Custom Drawers**Location** – Front, left**Additional Instructions** –

1. Two custom 13"W x 5"H x 19"D metal drawers shall be installed in this area. One 13"W x 5"H x 19"D shall face aft, and one 19"W x 5"H x 13"D shall face into aisle and be accessible from wall-thru.
2. Each drawer shall operate on slides rated at 300 lb. per set and have a gas shock hold open/closed device to ensure drawers do not accidentally open or close during operation of the vehicle. Drawers shall be of formed 0.125" aluminum construction, painted to match the interior.
3. Each drawer shall have machine-stamped divider supports along the sides with four removable ABS dividers per drawer.

COMPLY	YES	NO
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CABINET #17**Dimensions** – 31"W x 12"H x 25.875"D**Location** – Front, center left**Shelving** – None**Door(s)** – Sliding, clear 0.177" acrylic with felt lined anodized aluminum track and full extruded aluminum door pulls**Additional Instructions** – None.

COMPLY	YES	NO
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2.11

SIDE DOORSTEP

A recessed curbside doorstep shall be provided which is 11.5" deep x 31" wide. There shall be a drain hole and light gray Matéflex floor tile which is removable for cleaning purposes. Aluminum diamond plate kick panel shall be installed on the sides and face of the doorstep.

COMPLY	YES	NO
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2.13B

CAB TO MODULE PASSAGE

Shall be a walk-thru measuring 21.75"W x 35"H. A sliding door, with a handle on the cab side, shall be provided. The door shall be latchable in the open and closed positions. The door shall have aluminum side frames with a clear polycarbonate center viewing area.

COMPLY	YES	NO
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2.14

WHEEL WELL LINERS

Wheel well liners made of formed aluminum shall be installed in the module wheel well openings.

COMPLY	YES	NO
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2.15

ELECTROLYSIS PREVENTION

All external materials and fasteners shall be selected to prevent electrolysis and corrosion due to dissimilar materials and exposure to the elements. The module shall be painted before any exterior items (hinges, latches, door hold opens, etc.) are installed to provide an isolating film between dissimilar materials. Exterior fasteners used for direct connection to painted aluminum surfaces shall be coated with a corrosion inhibitor.

COMPLY	YES	NO
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3 **COATINGS AND FINISHES**

3.01 **MODULE FINISH PREPARATION**

The module shall be seam sealed and all imperfections on aluminum surfaces of module shall be sanded smooth. The entire exterior shall be mechanically etched and washed with wax-and-grease-remover to ensure proper primer/sealant adhesion

COMPLY **YES** **NO**

3.02 **MODULE PRIMER**

Module shall be sealed with a two-component, low VOC, direct-to-metal epoxy primer/sealant prior to applying the finish coat of acrylic urethane paint.

COMPLY **YES** **NO**

3.03 **PAINT TYPE**

Shall be Sherwin Williams acrylic urethane.

COMPLY **YES** **NO**

3.04X **COLOR SCHEME**

Base color: To match Flame Red GB-100236315

Attendant seat pedestal base shall be coated with textured polyurea thermoplastic elastomer finish and painted white with light gray splatter paint (Section 3.07X related).

COMPLY **YES** **NO**

Stripe 1	Color:	Black #GB-56590
	Width:	2" in on roof of module, wrapping down to top of Compartment #2 and #3 doors
	Material:	Paint
	Location:	Sides, front and rear of module
Stripe 2	Color:	Black #680CR-85
	Width:	1"
	Style:	Straight
	Material:	Scotchlite
Stripe 3	Color:	Black #680CR-85
	Width:	6"
	Style:	Beltline
	Material:	Scotchlite
Stripe 4	Color:	Black #680CR-85
	Width:	1"
	Style:	Beltline
	Material:	Scotchlite
	Location:	Front and sides of module, 25.5" up from rub rail, wrapping around rear radius
	Location:	Front and sides of module, above stripe #2, with 1" gap, wrapping around rear radius
	Location:	Front and sides of module, above stripe #3 with 1" gap, wrapping around rear radius

Stripe 5	Color:	Red #680CR-82 / Black #680CR-85
	Width:	6"
	Style:	Diagonal stripes alternating between the two colors, Chevron
	Material:	Scotchlite
	Location:	Rear of module, below upper black paint break, outboard of doors.

COMPLY	YES	NO
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3.04.01X

CHASSIS COLOR

Chassis shall be OEM **Black (PX8)** (Section 1.01.11 related).

The back-of-cab insert shall be covered with black-painted polyurea thermoplastic elastomer.

COMPLY	YES	NO
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Stripe 1	Color:	To match Flame Red GB-100236315
	Material:	Paint
	Location:	Chassis, from bottom of door, upwards to 10" below cab door windows (to be confirmed at preconstruction meeting).

Stripe 2	Color:	Black #680CR-85
	Width:	1"
	Style:	Straight
	Material:	Scotchlite
	Location:	Sides of chassis, 1" up bottom of cab door, wrapping around to back of cab

Stripe 3	Color:	Black #680CR-85
	Width:	6"
	Style:	Beltline
	Material:	Scotchlite
	Location:	Sides of chassis, above stripe #2, with 1" gap, wrapping around to back of cab

Stripe 4	Color:	Black #680CR-85
	Width:	1"
	Style:	Beltline
	Material:	Scotchlite
	Location:	Sides of chassis, above stripe #3 with 1" gap, wrapping around to back of cab

COMPLY	YES	NO
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3.06

COMPARTMENT FINISH

All compartments shall be sanded, etched, washed, primed, coated with textured polyurea thermoplastic elastomer finish and painted white with light gray splatter paint. (G2-33631 Alt 2 / GLV-51748)

All shelves and trays shall be sanded, etched, washed, primed, and painted white with light gray splatter paint. (G2-33631 Alt 2 / GLV-51748)

COMPLY	YES	NO
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3.07X

INTERIOR CABINETRY FINISH

All interior cabinetry shall be sanded, etched, washed, primed, coated with textured polyurea thermoplastic elastomer, and painted white with light gray splatter paint. (G2-33631 Alt 2 / GLV-51748)

All drawers, shelves and trays shall be sanded, etched, washed, primed, and painted white with light gray splatter paint. (G2-33631 Alt 2 / GLV-51748)

Attendant seat pedestal base shall be with textured polyurea thermoplastic elastomer, and painted white with light gray splatter paint, to match interior.

COMPLY	YES	NO
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3.08

MODULE UPHOLSTERY

Module upholstery material shall be Dove Gray Spradling Perform 60 seamless vinyl.

COMPLY	YES	NO
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3.09

MODULE FLOORING MATERIAL

Shall be Genome (#TFM2702) Altro Transflor Meta Slip-Retardant Sheet flooring 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 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" x 0.75" x 0.063" square tubing, covered with a 0.125" aluminum sheet (Section 2.04 related).

COMPLY	YES	NO
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3.10

COMPARTMENT LINING

Compartment floors shall be lined with light gray Matéflex floor tile and all shelves with mat.

COMPLY	YES	NO
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3.11

CABINET LINING

Interior cabinet shelves shall be lined with easy sweep mats which are removable for ease of cleaning.

COMPLY	YES	NO
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3.12**SURFACES AND FINISHES**

All patient compartment surfaces and finishes shall be impervious to soap, disinfectants, and water, to permit washing and sanitizing.

COMPLY	YES	NO
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3.14**PLACARD/PLACARD HOLDER**

Two side-loading placard holders with placards shall be provided. Placard holders shall be made of formed stainless steel, approximately 7.375"H x 16"W, have left dimples, and hold placards made of 0.177" red acrylic with white lettering/numbering, which shall be determined at the preconstruction meeting. The placards shall be mounted:

- One on the rear of the module, curbside upper
- One on the front of the module, streetside upper

COMPLY	YES	NO
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4 **MODULE EXTERIOR**

4.01 STEP/BUMPER

The rear bumper shall be a welded construction of 3" x 3" x 0.375" aluminum angle and 1.5" x 0.25" flat bar and shall be covered by 0.125" bright aluminum diamond plate. The center section, below the doors, shall have a hex-punched open flow design to prevent accumulation of water and snow and provide a 7" step. Both outermost ends shall be angled to prevent dragging of corners in high angle of departure areas. Diamond plate shall be formed on front and rear edges for channel-type strength, and a formed 0.090" aluminum closeout shall be welded to the underside of the bumper. The bumper shall be bolted directly to the chassis frame using high strength Grade 5 bolts. Bumper shall be easily removable and replaceable in case of damage. Bumper to be designed to accommodate a one-person-style cot.

COMPLY	YES	NO
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4.02 RUB RAILS

Bright finished extruded aluminum rub rails of a double channel design shall be installed along the lower streetside and curbside edges of the module. Rub rails shall be 2.5"H x 0.75"W x 0.125"D, with a 0.5"H red/white conspicuity reflective tape installed in the insert area.

COMPLY	YES	NO
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4.03 FENDER RINGS

Bright polished aluminum fender rings with a rounded outer edge shall be installed on the module, following the full contour of the wheel well opening.

COMPLY	YES	NO
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4.04 DRIP RAIL

Extruded, anodized aluminum drip rails shall be installed the full length of the module front, rear, and sides near the roof. Drip rails shall be installed with bonding tape and mechanical fasteners on each end that shall withstand exposure to the elements. They shall be finished with 45-degree angled ends to avoid hooking materials which brush against the vehicle causing damage.

COMPLY	YES	NO
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4.05 ROCK GUARDS

Bright aluminum diamond plate rock guards shall cover the front module corners, 24" up from bottom of module, 2.5" wrapped around the sides of module, and 15" across the front of the module.

COMPLY	YES	NO
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4.06 REAR KICK PANEL

A bright aluminum diamond plate rear kick panel shall extend from the bottom edge of the module up to the bottom of the rear doors, full-width formed and wrapped 2.5" around the sides of the module.

COMPLY	YES	NO
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4.07

FUEL FILL

A polished cast aluminum fill well shall be installed on the streetside of the module and be properly vented. Fill and vent hoses shall be installed and protected in accordance with the chassis bodybuilder recommendations.

A fill shall be provided for the DEF tank, between the cab and module, streetside.

COMPLY	YES	NO
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4.08

MODULE WINDOWS

All module windows shall have black anodized aluminum frames, rubber gaskets, be dark-tinted and shall be attached with screws for ease of replacement. The side passage door window shall be 18.75" x 18.75" with sliding glass, a positive catch, and a screen. The rear door windows shall be 18.75" x 18.75" fixed glass to prevent exhaust from entering the module.

COMPLY	YES	NO
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4.09

FUEL SPLASH GUARD

A stainless-steel fuel splash guard shall be installed below the fuel fill.

COMPLY	YES	NO
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4.10

EXTERIOR OXYGEN CYLINDER STORAGE

Compartment #2 shall have a welded bracket, painted to match the compartment, and three ratcheting straps with UHMW stiffeners set up for storage of a *customer-supplied-and-installed* H-size cylinder.

Two black powder-coated angled corner brackets shall be installed, one, in Compartment #2 and one in Compartment #3 for *customer-supplied-and-installed* SCBA cylinder holders.

COMPLY	YES	NO
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4.16B

REAR LICENSE PLATE

A recessed license plate holder with dual Whelen #0AC0EDCR LED lights with angled chrome bezels shall be installed in rear kick panel, centered below rear doors.

A hidden unlock switch shall be installed behind the rear license plate (Section 6.40 related).

COMPLY	YES	NO
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4.17

ELECTRIC STEP

A prewire for an electric step shall be installed.

COMPLY	YES	NO
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4.27

STAIR CHAIR STORAGE

A bracket and strap shall be installed by manufacturer in a recessed pocket on Compartment #2 door for a *customer-supplied-and-installed* Stryker Stair Pro Model #6252 stair chair

COMPLY	YES	NO
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4.34

AUTOMOTIVE UNDERCOATING SEAL

The chassis and module underbodies (excluding the area above the fuel tank, driveline, and exhaust lines, per manufacturer's specifications) shall be sprayed with undercoating for reduced corrosion and added sound deadening.

COMPLY	YES <input type="checkbox"/>	NO <input type="checkbox"/>
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5 **MODULE INTERIOR**

All interior hangers, supports, fasteners, latches, and hinges shall be of a near-flush-type design. The patient compartment shall be free of sharp projections. Exposed edges and corners shall be broken with a radius or protected with 1" high-density foam covered with heavy-duty vinyl color-matched upholstery.

COMPLY	YES	NO
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5.01 **UPPER WALL COVERING**

The upper module interior walls shall consist of light gray, heavy-grade, 0.125" ABS vinyl panels attached to the wall structure with a closed-cell polyethylene foam tape coated on both sides with a permanent acrylic-based pressure-sensitive adhesive.

COMPLY	YES	NO
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5.02 **HEADLINER**

The headliner shall be 0.125" aluminum which is sanded, etched, washed, primed, and coated with textured polyurea thermoplastic elastomer, and painted white with light gray splatter paint (G2-33631 Alt 2 / GLV-51748).

COMPLY	YES	NO
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5.03 **HEAD PADS/CUSHIONS**

Head pads located over all module access openings and seat backs shall be 0.5" or 1" foam covered with heavy-duty seamless vinyl upholstery.

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

COMPLY	YES	NO
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5.04A **LOWER WALL COVERING**

The squad bench sides and lower portion of the streetside wall shall be covered with polished stainless-steel mud boards from the floor line up to the top of CPR and squad benches (Section 3.09 related).

COMPLY	YES	NO
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5.05X **GRAB RAIL(S)**

One 90"L x 1.250"D stainless steel grab rail with three support brackets shall be securely mounted to roof structural framing and offset towards streetside; shall be 17.875" from streetside cabinets.

COMPLY	YES	NO
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5.06 **ACCESS DOOR GRAB RAILS**

Each module access door shall have a 1.250"D L-style stainless steel grab handle which may also be used as an entry assist rail.

COMPLY	YES	NO
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5.07

IV HANGER(S)

Two ceiling-mounted Cast #IV2008 recessed IV hangers shall be installed over primary cot location, one streetside and one curbside.

COMPLY **YES** **NO**

5.08B

COT MOUNT

A Stryker #6370 traditional center-mount cot fastener shall be installed. Shall be set up for a *customer-supplied-and-installed* Stryker MX-Pro Model #6082 cot. A safety hook shall be installed.

COMPLY **YES** **NO**

5.09

COT PLATES

Two bright finish stainless steel 7" wide cot plates shall be installed and shall run from the rear passage doors to the forward wheel position. The cot plates shall be attached with a reinforced acrylic tape and polyurethane adhesive sealant system.

COMPLY **YES** **NO**

5.10

ATTENDANT SEAT

A Wise #1611 rear-facing high-back bucket seat, upholstered with heavy grade Dove Gray 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, have a 2-point automatic locking retractor seat belt, and be securely anchored on a #1934 swivel base.

COMPLY **YES** **NO**

5.11A

OXYGEN SYSTEM

The entire oxygen system shall be assembled with certified oxygen hose (1000 PSI burst strength) with brass fittings, be pressure tested, and certified. The electric oxygen system shall be controlled through an electric solenoid with manual bypass, have an LED content display, and audible low-pressure alarm. Display shall be installed on the forward-facing wall aft of the streetside bench. A 50 PSI regulator shall be included, a bulkhead connector shall be installed in the ceiling of Compartment #2, and one oxygen tank wrench shall be attached to the compartment wall with hook-and-loop tape. Three Ohio-type outlets shall be installed:

- One in Action Area #4
- One on the curbside wall above the squad bench
- One in ceiling above the primary patient

COMPLY **YES** **NO**

5.12

SUCTION PUMP

The unit shall have an electric pump as the source of suction, installed in the HVAC cabinet (#13), and be vented to the outside of the vehicle under the module body. The pump shall be controlled by an on/off switch labeled "ASPIRATOR" on the attendant panel in Action Area #4.

COMPLY **YES** **NO**

5.13

SUCTION COLLECTOR

A Rico model #RS4X-1001B suction regulator and wall-mount bracket with a 1200cc Rico disposable canister shall be installed in the Action Area #4.

COMPLY	YES	NO
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5.14Z

SEAT BELT

Black DOT-compliant seat belt shall be installed at each seating position. Three sets of two-point automatic locking retractor seat belt shall be installed on the curbside squad bench with three additional lower seat belt buckle ends and be set up for use with sit-up or stretcher patients.

Three sets of two-point automatic locking retractor seatbelts shall be installed on the streetside bench for use with sit-up patients.

A two-point automatic locking retractor seatbelt shall be installed by manufacturer at the aft end of the streetside bench and set up for a *customer-supplied-and-installed* child safety seat.

The attendant seat shall have a single two-point automatic locking retractor seat belt.

COMPLY	YES	NO
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5.16

INSULATION

The module side, 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. The insulation shall be a non-settling foam plank material of 1.5", or 0.75" thickness depending upon location and available space.

Roof, doors, wall, and floor insulation shall be polyisocyanurate.

A 3" wide, 60-mil, closed cell polyethylene foam tape shall be used as a thermal break on the inside surface of the wall tubes.

COMPLY	YES	NO
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5.17

MODULE CLIMATE CONTROL SYSTEM

The module HVAC system shall incorporate a combination heating/air conditioning unit with 36,000 BTU/hr. heating and 32,000 BTU/hr. cooling capacity. The unit shall have a 580 CFM fan and controls independent of the cab system. A 12VDC booster pump shall be installed to optimize the heating capacity in the module. A return air path with open area equal to at least twice the blower outlet area shall be incorporated into the evaporator closeout.

The module system shall be controllable by a digital thermostat located on the streetside wall in the Action Area #4.

COMPLY	YES	NO
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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 an opening protected by an aluminum vent cover. The interior chamber of the intake shall be made of aluminum and be formed to prevent the collection of moisture. Washable filter media shall be installed in the intake chamber.

COMPLY	YES	NO
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5.19

AIR RETURN

A return air path with an open area equal to at least twice the blower outlet area shall be incorporated into the evaporator closeout.

COMPLY **YES** **NO**

5.20

EXHAUST VENT

A motor-powered exhaust vent with a chrome Perko cover shall be located in the streetside or curbside rear corner of the module.

A switch labeled "VENT" shall be installed in the Action Area attendant panel to turn on/off the exhaust vent (Section 6.13 related).

COMPLY **YES** **NO**

5.21

NO SMOKING/FASTEN SEAT BELTS SIGNS

Two "NO SMOKING/FASTEN SEAT BELT" signs shall be installed - one in the cab on the glove box door, and one in the module above the Action Area #4 oxygen outlet.

COMPLY **YES** **NO**

5.23

WHITE MARKER BOARD

Two framed white marker boards shall be installed, one on aft streetside wall and one on aft curbside wall, each with double-stick tape, adhesive, and a fastener in each corner.

COMPLY **YES** **NO**

5.24

CLOCK

An atomic-controlled clock shall be installed on the forward-facing wall aft of the curbside squad bench. The clock shall be LCD display and show hours (12/24 selectable), minutes, seconds, date, day, and temperature. Clock is powered by two AA alkaline batteries.

COMPLY **YES** **NO**

5.26X

SHARPS/HAZARDOUS WASTE CONTAINER

A sharps and waste space sized for a Becton-Dickinson, 8.2 Qt., sharps container and a 7 Qt. waste shall be located at the aft of the Action Area countertop. The sharps and waste shall be accessible and changeable through a hinged clear polycarbonate flip-up lid with a finger hole (Section 2.10 related).

A 13.625 qt. waste container with a restraining strap and shelf bracket to hold in place shall be installed on the door of Cabinet #5 (Section 2.10 related).

One Sage #85031 2 qt. sharps container with a mailbox lid shall be installed below aft end of the streetside bench (#6), on a tip-down painted aluminum door with a twist-slam latch and a nylon retention strap (Section 2.10 related). This area shall be sealed from the squad bench storage area.

COMPLY **YES** **NO**

5.28A

COOL CABINET

A 12VDC custom cool cabinet, with twist/slam latch, shall be installed in front stack, as Cabinet #10, with the compressor behind the cool cabinet. The compressor shall be vented to the forward interior wall structure. The cool cabinet shall be wired to be on with module or when the shoreline is connected. Details to be discussed at preconstruction meeting.

COMPLY **YES** **NO**

5.29

OXYGEN WINDOW

A 6" x 11" clear polycarbonate oxygen window with knob and self-closing hinges shall be installed.

COMPLY	YES	NO
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5.34C

PERSONNEL RESTRAINT

A net system installed at the forward end of the curbside squad bench to prevent a person seated on the bench seat from traveling forward off the seat and into the front cabinetry due to sudden braking. The net system shall be constructed of black 2" webbing and shall be easily detached for cleaning or replacement.

COMPLY	YES	NO
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5.35X

INTERIOR CYLINDER STORAGE

Storage for three *customer-supplied-and-installed* D-sized cylinders with a restraining strap shall be provided in the forward portion of the curbside squad bench storage area (Section 2.10 related).

COMPLY	YES	NO
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6 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, or function coded every 3" for permanent identification and correspond with the vehicle schematics. Solderless, insulated connectors shall be used. Slotted Panduit-style wiring duct shall be used in electrical 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 electrical 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.

The vehicle electrical system shall be tested and certified to AMD 005 requirements.

COMPLY	YES	NO
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6.01 ELECTRICAL LOAD DEVICES

Body electrical wiring shall utilize overload protective devices of the automotive-type circuit breaker. In addition, one single pole, 20-amp circuit breaker shall be provided for future use. The circuit breakers, relays, and other electrical items shall be located in included as part of the enclosed electrical component module located in Cabinet #9.

COMPLY	YES	NO
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6.02 VOLTMETER/AMMETER

A single display voltmeter/ammeter shall be installed on the side of the console, driver's side, which simultaneously displays voltage and alternator current when the ignition is on. Display flashes to indicate low voltage.

COMPLY	YES	NO
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6.04 IGNITION CONTROL

Chassis electrical circuits shall be controlled by the ignition switch as provided by the OEM chassis manufacturer. The auxiliary chassis-related functions shall be powered by one 100-amp continuous duty solenoid, triggered by the chassis ignition.

COMPLY	YES	NO
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6.05 MODULE POWER

Module power shall be controlled by a console-mounted switch labeled "MODULE DISC." which activates one 100-amp continuous duty solenoid located in the power component module (Section 6.09X related).

COMPLY	YES	NO
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6.06 WIRING ACCESS

All cabinets and compartments shall have removable panels as needed to access wiring harnesses and hoses.

COMPLY	YES	NO
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6.07

BACK-UP ALARM

An SAE J994-compliant Ecco Safety Group #SA950 SRC Smart Alarm self-adjusting back-up alarm shall be installed, with a momentary disable switch labeled "BACK-UP DISABLE" in the driver's console (Section 6.09X related). If disabled while in reverse, the back-up alarm shall automatically reset when shifted out of reverse.

COMPLY	YES	NO
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6.08

SERVICE LOOP

A 6" service loop of wire or harness shall be provided at all electrical components, terminals, and connection points.

COMPLY	YES	NO
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6.09X

DRIVER'S CONSOLE/MAP BOX

A driver's console made of black-powder-coated formed aluminum shall be installed between the seats. It shall have a switch panel with the following layout, custom cup holders, two arm rests, and a map holder with six mill-finished aluminum dividers. ***Layout to be confirmed at preconstruction meeting.***

A ***customer-supplied*** Kenwood radio and two push-to talk buttons shall be installed above the cup holders (Section 6.18X related)

A ***customer-Supplied*** Motorola radio shall be mounted off the front of the console (Section 6.18X related).

A map light shall be installed in the upper right corner (Section 6.11 related).

COMPLY	YES	NO
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1.	Passage	2.	3.	Siren
Module Disc.	Compt. D/O Lights	Emerg. Master	Back-up Disable	

4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
Lightbar Red	Lightbar White	Flasher	Opticom	Blank	Left Scene	Right Scene	Rear Scene	Front Scene	Spare	Dual USB

COMPLY	YES	NO
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6.10

SWITCHES

Switches installed in the driver's console and attendant panel(s) shall be rocker-type and permanently marked by function.

COMPLY	YES	NO
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6.11

MAP LIGHT

A map light with a 19" flexible neck shall be mounted on the right forward corner of the driver's console.

COMPLY	YES	NO
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6.12**DOOR AJAR WARNING LIGHT**

A flashing LED light with a red lens shall warn the driver of an open module passage door, and a flashing LED light with an amber lens shall warn the driver of an open module compartment door. The lights shall flash only if the ignition is on. Lights shall provide door open indication when the rotary door latch is not fully latched in the second latch position. Lights shall be installed on the driver's console (Section 6.09 related).

COMPLY	YES	NO
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6.13**ATTENDANT CONTROL PANEL**

A six-switch attendant control panel shall be located on the streetside wall in the Action Area (#4) with the following switch layout:

COMPLY	YES	NO
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1.	2.	3.	4.	5.	6.
Dome Hi-Off-Lo	Dome Hi-Off-Lo	Aspirator	Vent	Elec. O2	Attendant Light

COMPLY	YES	NO
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A digital thermostat and an inverter status panel shall be located adjacent to the attendant control panel (Sections 5.17 and 6.31 related).

COMPLY	YES	NO
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6.14**CABINET LIGHTING**

The wall area below Cabinets #1-3 and #7 shall be lighted utilizing under-cabinet LED strip lighting with an ON/OFF switch labeled "ATTENDANT LIGHT" in the attendant panel Section 6.13 related).

COMPLY	YES	NO
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6.15**STEP LIGHT**

A Whelen #3SC0CDCR Clear Lens Clear 3" LED light shall be installed on the forward wall of the curbside door stepwell.

COMPLY	YES	NO
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6.16**MODULE INTERIOR 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 eight dual intensity Whelen #80C0EHCR LED recessed lights - one bank of four lights shall be positioned toward streetside and four lights toward curbside. There shall be a switch for each bank of lights on the action wall for "DOME HI-OFF-LO".

The three lights on the curbside shall be automatically activated when the rear or side passage doors are opened, or by a 15-minute rotary timer mounted adjacent to the curbside passage door. The timer shall be wired to continuous battery power.

COMPLY	YES	NO
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6.17

BASIC EXTERIOR LIGHTING

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

Module identification lights, clearance lights, and side marker lights, unless included on a lightbar, shall be Truck-Lite LED Model 36.

Rear and side reflex reflectors shall be installed in accordance with FMVSS 108 requirements.

Rear stop/tail, turn and back-up lights shall be Truck-Lite Model 45 series LED lights, installed in the rear kick panel, pattern from outboard in: red stop/tail light, amber turn signal, and clear back-up light. The back-up lights shall activate automatically when the vehicle is placed in reverse.

COMPLY	YES	NO
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6.18X

COMMUNICATIONS EQUIPMENT

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

Item #1

Description: One *customer-supplied* Motorola all-in-one radio with speaker, and mic shall be installed by manufacturer (Section 8.02 related). Model to be determined at preconstruction meeting.

Location: Driver's console, off front of console (Section 6.09X related).

Additional Instructions: All connections shall be made, including Antenna, Antenna cable(s), battery power and/or ignition power, and grounds. Prior to powering up of the module, all in-line fuses of radio equipment shall be removed and secured to their fuse holders.

COMPLY	YES	NO
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Item #2

Description: One *customer-supplied* Kenwood all-in-one radio with speaker, and mic shall be installed by manufacturer (Section 8.02 related). Model to be determined at preconstruction meeting.

Location: Driver's console, above

Additional Instructions: All connections shall be made, including Antenna, Antenna cable(s), battery power and/or ignition power, and grounds. Prior to powering up of the module, all in-line fuses of radio equipment shall be removed and secured to their fuse holders.

COMPLY	YES	NO
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Item #3

Description: One *customer-supplied* 3-person, 3-station Sigtronics Intercom System with three SE-2 Dual Ear Headsets, and three PTT buttons shall be installed by manufacturer (Section 8.02 related).

Location: Base shall be installed behind driver's seat. Headsets shall be installed two in cab above pass thru, and one in Action Area on upper wall (#4). Push-To-Talk buttons shall be installed two in the driver's console for driver and officer, and one in Action Area (#4) below forward end of overhead cabinet. System shall be wired to VHF radio.

Additional Instructions: All connections shall be made, including Antenna, Antenna cable(s), battery power and/or ignition power, and grounds.

COMPLY	YES	NO
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Item #4

Description: Prewire, including 10 ga. power and 10 ga. ground, for future installation of *customer-supplied-and-installed* portable radio(s).

Location: From electrical panel to streetside wall of walk-thru. Location to be confirmed at preconstruction meeting.

Additional Instructions: Prewiring to be capped and labeled at both locations. Wiring shall be installed at the power component module behind the Panduit cover.

COMPLY	YES	NO
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6.19X

ANTENNA MOUNTS AND CABLES

Four NMO universal antenna mounts with KHFUD/RG58UD cables, Larsen HyPermaster universal connectors and mini-UHF adapters shall be installed on the module roof at the midline, a minimum of one foot apart (not shown in drawing). Antenna base access shall be through the dome light openings, and the cables shall terminate in driver's console. Two shall be connected to the *customer-supplied* radios. Two Mini UHF coax ends shall be shipped loose (Section 8.01 related).

COMPLY	YES	NO
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6.20

BLOCK HEATER

A block heater, with circuit breaker in the 120VAC Power Box, shall be wired to the 120VAC shorepower system (Section 1.01.02 related).

COMPLY	YES	NO
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6.21

120VAC/SHORELINE CIRCUIT BOX

Utility power shall be furnished from 120VAC shorepower via a Kussmaul 20-amp Super Auto-Eject plug with a red cover on a stainless-steel plate with a green indicator light] located on the streetside forward corner of the module, and distributed via a formed aluminum power box with an easily removable cover, recessed into the forward wall of the [streetside forward compartment].

Circuit breakers shall be installed for overcurrent protection and circuit isolation:

- Block Heater (15 Amp)
- Inverter (15 amp)

All exposed receptacles shall be ground fault circuit interrupting (GFCI) and shall have a power on indicating light.

Six interior 120VAC GFCI duplex receptacles shall be mounted:

- One on Action Area wall (#4)
- One on the streetside wall, aft of walk-thru
- One on curbside wall, above aft end of bench back pad (#8)
- One in right front stack, Cabinet #12
- One in upper left cabinet #15, to supply power to warmer
- One behind the driver's seat

COMPLY	YES	NO
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6.22

BATTERY GROUNDS

In addition to OEM chassis grounds, the following ground circuits shall be added to reduce RF interference:

- A minimum 4 ga. ground cable from the power component panel to the chassis frame.
- Two braided ground straps from the module body to the chassis frame.

COMPLY	YES	NO
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6.23A

BATTERY CHARGER

A 60-amp battery charger shall be provided as part of the Samlex Pure Sine 1200-watt inverter system. (Section 6.31 related)

COMPLY	YES	NO
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6.24

BATTERY MODIFICATIONS

Chassis batteries shall be utilized in existing locations.

COMPLY	YES	NO
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6.25

12VDC RECEPTACLES

Two 12VDC, 15-amp lighter-style power point receptacles shall be installed:

- One on Action Area wall (#4)
- One in right front stack, Cabinet #12

One USB dual charging port shall be installed:

- One Blue Sea dual port, switch-insert-style in the driver's console

Two 12V circuits shall be provided in Compartment #2 and #3 for *customer-supplied* box lanterns and charging brackets, wired battery hot.

Power point receptacle, USB charge ports, and 12VDC charging circuits shall be powered from a 12VDC bus that is energized when charging voltage is present on the vehicle batteries.

COMPLY	YES	NO
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6.26X

COMPARTMENT LIGHTING

LED strip lighting shall be installed in each outside compartment, and shall be activated by the respective compartment door switch. Compartments #1-3 shall each have two strip lights installed.

COMPLY	YES	NO
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6.27

EXTERIOR DOOR SWITCHES

Shall be integral rotary-latch micro-switches for door open indication and 1/2" mechanical door switches for compartment light, dome light, scene light, and suspension dump control.

COMPLY	YES	NO
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6.30 **EMERGENCY WARNING SYSTEMS**

6.30.01X FRONT FLASHERS

Five Whelen M9 LED flashers with chrome flanges shall be installed on the front of the module, evenly spaced. Pattern curbside to streetside:

Curbside	#M9RC Clear Lens Red LED Flasher #M9D Clear Lens Red/Clear Split LED Flasher
Center	#M9RC Clear Lens Red LED Flasher (offset to curbside) #M9D Clear Lens Red/Clear Split LED Flasher
Streetside	#M9RC Clear Lens Red LED Flasher

Center flasher shall be offset towards curbside to allow for install of a front scenelight (Section 6.30.04X related). Exact location to be determined at preconstruction meeting.

A GTT #794H Opticom traffic preemption emitter shall be flush-mounted in a GTT #798 bezel mounting kit on the front of the module, offset towards streetside from the center flasher (Section 6.48 related).

Lights shall be controlled by the "LIGHTBAR" switch in the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.02X REAR FLASHERS

Seven Whelen M-Series LED lights with chrome flanges shall be installed on the rear of the module, pattern curbside to streetside:

Curbside	#M9RC Clear Lens Red LED Flasher #M7RC Clear Lens Red LED Flasher #M7ZC LED Scenelight (Section 6.30.04X related)
Center	#70BTTC Clear Lens Red Brake Light #M7ZC LED Scenelight (Section 6.30.04X related) #M7RC Clear Lens Red LED Flasher
Streetside	#M9RC Clear Lens Red LED Flasher

Flashers shall be controlled by the "FLASHER" switch in the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.03 FLASHERS

Four Whelen #M9RC Clear lens Red LED flashers and chrome flanges shall be mounted two each on the curbside and streetside of the module in upper corners.

Two Whelen #M7K Clear Lens Amber/Red LED flashers and chrome flanges shall be mounted on the rear of the vehicle at window height.

Flashers shall be controlled by the "FLASHER" switch in the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.04X**SCENELIGHTS**

Four Whelen #9SC0ENZR LED scenelights shall be installed, two each on the curbside and streetside of the module in upper corners. The curbside passage door shall activate the curbside scene lights.

Two Whelen # M7ZC LED Scenelights and chrome flanges shall be installed on the rear of the vehicle. The rear scene lights shall activate when the rear curbside passage door is opened or when the vehicle is placed in reverse.

An M9LZC LED scenelight with chrome flange shall be installed on the front of the module, centered (not shown in drawings). Exact location to be determined at preconstruction meeting. The front scenelights shall be controlled by the "FRONT SCENE" switch on the driver's console (Section 6.09X related),

The scene lights shall also be controlled by the respective switches on the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.05**SPOTLIGHT**

A Golight #2021 roof-mounted halogen spotlight with a black housing and a stainless-steel mounting bracket shall be installed on the center of the cab roof. A hard-wired controller shall be mounted on the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.06**INTERSECTION LIGHTS**

Four Whelen #WIONSMCD Clear Lens Red/White Split LED flashers with chrome housings shall be installed, one on each cab fender and one above each module wheel well. Lights shall be controlled by the "FLASHER" switch on the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.08**GRILLE LIGHTS**

Two Whelen #WIONSMCD Clear Lens Red LED flashers with chrome housings shall be installed on the OEM grille. Lights shall be controlled by the "FLASHER" switch on the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.09**SIREN**

A Whelen 295SLSA1, 200-watt siren shall be installed in the driver's console (Section 6.09 related). Standard features shall include Radio Rebroadcast, Public Address, Manual, Wail, Yelp, Air horn, and Piercer tones. The siren's hands-free function shall operate through the OEM horn ring circuit when the sirens rotary selector is in the HF position and the Emergency Master switch is on.

COMPLY	YES	NO
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6.30.10**SIREN SPEAKERS**

Two Federal Signal DynaMax #ES100C speakers with ESB-ESFMT-EF "Electric F" stainless steel grilles shall be installed in the OEM bumper cut-out.

COMPLY	YES	NO
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6.31

INVERTER

A Samlex Pure Sine 1200-watt inverter with a 60-amp battery charger (different than shown in drawing) shall be installed with an aluminum offset bracket and a perforated surround on the floor of Compartment #1. For ventilation, a filtered vent shall be installed on the forward wall, and a soffit vent on the back wall, in line with the inverter. An EVO-RC inverter remote control panel (different than shown in drawings) shall be installed on the streetside Action Area wall (#4). The inverter shall be configured to turn on and off with ignition.

COMPLY	YES	NO
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6.35

FULID WARMER

A 120VAC fluid warmer with a 120VAC GFCI duplex receptacle shall be installed IN Cabinet #15. The warmer shall be thermostatically controlled at 95 to 115 degrees F. Space for 10 one-liter bags of fluids shall be provided with a 4" surround to contain the fluid bags.

COMPLY	YES	NO
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6.40

ELECTRIC DOOR LOCKS

Electric door locks shall be installed on all compartment and module passage doors. Two lock/unlock switches shall be provided in the module: one located on the rear curbside passage door, and one located on the curbside passage door. The door locks for the cab and module shall be interconnected, to allow all doors to be locked/unlocked from either the cab or module. A hidden unlock switch shall be installed behind the license plate on the rear of the module (Section 4.16B related).

COMPLY	YES	NO
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6.45

ADDITIONAL LIGHTING

Two *customer-supplied* Box Lanterns, each with 12VDC charging bracket, shall be installed, one in Compartment #2 on the aft wall, 6" up and toward the door gasket, and one in Compartment #3 on aft wall, 6" up and toward the door gasket (Section 2.08 related).

COMPLY	YES	NO
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6.48

TRAFFIC SIGNAL PREEMPTION

A GTT #794H Opticom traffic preemption emitter shall be flush-mounted in a GTT #798 bezel mounting kit on the front of the module, offset towards streetside from the center flasher (Section 6.30.01X related). The Opticom shall be controlled by the "OPTICOM" switch on the driver's console (Section 6.09X related) and shall disable when the vehicle is shifted into park.

COMPLY	YES	NO
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6.52

NETWORK/MONITOR(S)**Item #1**

Description: A Perlesmith #PSLRVF RV lockable/tiltable retracting wall mount shall be installed.

Locations: Module interior, curbside side wall, above bench; exact location to be determined (Section 2.10 related).

Additional Instructions: None.

COMPLY	YES	NO
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7 SUPPORTING DOCUMENTATION

7.01 OWNERS MANUAL

Shall be provided with vehicle and consists of the following items:

1. Manufacturer Contact Information
2. Table of Contents
3. Manufacturers' Labels
4. Electrical Load Test/Payload/Paint Stickers
5. Manufacturer Warranties
 - Lifetime module warranty
 - Seven-year/75,000-mile limited electrical warranty
 - Two-year/30,000-mile conversion warranty
 - Five-year paint warranty
 - Chemical De-Icer Statement
6. Service and Operations manual
7. Electrical
 - Wire charts and plug pinouts
 - Harness layout
 - Schematics
8. Parts list
9. Paint information
10. Products and Information
11. Second OEM chassis key

COMPLY	YES	NO
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8 MISCELLANEOUS EQUIPMENT

8.01 LOOSE EQUIPMENT

The following equipment shall be shipped loose with the vehicle:

1. Touch-up paint, one bottle each:
 - To match Flame Red GB-100236315
 - Black #GB-56590
 - White (G2-33631 Alt 2)
 - Light Gray (GLV-51748)
2. Spare tire & wheel
3. One 20-amp cord end for shoreline
4. Two antenna coax ends
5. Four OEM 225-70R-19.5G All Position tires

COMPLY	YES	NO
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8.02 CUSTOMER SUPPLIED EQUIPMENT

The customer shall provide the following equipment and have delivered to Manufacturer within 30 days of the preconstruction meeting:

1. Motorola all-in-one radio with speaker, and mic (model to be determined)
2. Kenwood all-in-one radio with speaker, and mic (model to be determined)
3. Sigtronics Intercom System with 3 headsets and 3 push-to-talk buttons



EXHIBIT C

CONTRACT FORM

AGREEMENT BETWEEN NORTH MASON REGIONAL FIRE AUTHORITY AND [REDACTED] FOR THE PURCHASE OF ONE (1) NEW AMBULANCE.

THIS AGREEMENT is made and entered into by North Mason Regional Fire Authority, Washington municipal corporation hereinafter "Authority"; and [REDACTED] "Vendor."

In consideration of the payments, covenants and agreements hereinafter mentioned, to be made or performed by the parties hereto, the parties covenant and agree to the following:

1. **Term – Agreement.** The term "Agreement" as used herein, shall constitute this document entitled "Agreement between North Mason Regional Fire Authority and [REDACTED] for the purchase of one (1) new ambulance" and the following attachments, which are incorporated by this reference:

Attachment A, entitled "Proposal," together with all specifications and drawings referenced in the Proposal.

Attachment B, entitled "Apparatus Specifications" as prepared by Authority and completed by Vendor.

Attachment C, entitled "Instructions to Bidders" as prepared by Authority.

2. **Term – Apparatus.** This Agreement is for the purchase of one (1) new ambulance together with all described parts, systems and equipment that conforms to the terms of this Agreement.

3. **Scope of Work.**

- 3.1. Vendor agrees to build and deliver to the Authority one (1) fully functional apparatus that meets the specifications set forth in this Agreement and its various attachments.
- 3.2. The Authority promises and agrees with Vendor to engage Vendor to provide the apparatus as described in this Agreement and for Vendor to complete and finish the same according to the plans and specifications set forth in this Agreement and attachments.
- 3.3. The parties agree that the apparatus will conform to all Federal Department of Transportation rules and regulations in effect at the time of signing of the Agreement, and with all National Fire Protection Association guidelines for Automotive Fire Apparatus as published at the time of signing of this Agreement.

4. Delivery and Risk of Loss.

- 4.1. Vendor agrees to deliver to the Authority one (1) fully functional apparatus, free of defects, that conforms to the specifications set forth in this Agreement on or before _____, 2022, F.O.B. _____; provided, the risk of loss for any defect or damage to the apparatus shall remain with Vendor until the apparatus is accepted by the Authority.
- 4.2. Vendor shall, at the request of the Authority, provide a representative to demonstrate the operation of the apparatus and to train and instruct Authority representatives regarding the operation of the apparatus at the time of delivery.

5. Payment.

- 5.1. To be based on Authority's selection of Vendor Proposal.
- 5.2. On receipt of payment, Vendor shall cause all titled equipment being purchased to be titled in the name of Authority free and clear of any third party interests or liens regardless of the equipment location. The Authority's ownership interest is intended as a security and shall not be construed as acceptance of the apparatus.

6. Inspection.

- 6.1. The Authority is entitled to inspect the apparatus at the times and in the manner specified in the Bid Specifications.
- 6.2. The Authority representatives shall, at a minimum, be afforded twenty-four (24) hours of time to inspect the apparatus during the inspection. Additional inspection time shall be afforded for the inspection of any item that is discovered by an Authority representative to be defective. All deficiencies shall be corrected prior to the apparatus leaving the Vendor's facility.
- 6.3. There shall be a post-delivery final inspection conducted at the Authority's premises to ensure that the apparatus conforms to the terms of this Agreement and passes all inspections and tests as required by the Authority or other laws or regulations prior to acceptance of the apparatus. The initial post-delivery inspection and testing shall be completed within ten (10) days of delivery of the apparatus. In the event the apparatus fails to meet the tests as required by the Authority on first trials, second trials may be conducted by the Authority, at the sole option of the Authority, within thirty (30) days from the date of the first trials. Such trials shall be final and conclusive.
- 6.4. Vendor specifically agrees that its failure to afford the Authority the opportunity to inspect the apparatus pursuant to the terms of this Agreement shall be sufficient cause, in and of itself, for the rejection of the apparatus and a full refund of any prepaid purchase price.

6.5. Notwithstanding any right of inspection, Vendor shall notify the Authority of any known or discoverable defect in the apparatus that exists on the date the apparatus is delivered, or is later discovered by Vendor.

7. **Acceptance.** Acceptance of the apparatus shall occur after the apparatus passes post-delivery inspections and tests. Risk of loss for any defect or damage to the apparatus shall remain with Vendor until the apparatus is accepted. The fact that the Authority uses the apparatus for the inspection and tests shall not constitute acceptance.

8. **Rejection.** The Authority reserves the right to inspect the apparatus for any defects, irregularities, non-conformities and defects in workmanship and appearance, and to reject a non-conforming or defective apparatus. The Authority will notify Vendor of the rejection of the apparatus in writing. The Authority will also provide Vendor with a written description of the reason(s) for rejection. The Authority will hold the apparatus in its possession with reasonable care at Vendor's disposition for a time sufficient to permit Vendor to remove the apparatus. If Vendor gives no instructions within a reasonable time after notification of the rejection, the Authority will store the Apparatus at Vendor's expense and such expense shall become a security interest in favor of the Authority. The parties understand that in the case of rejection, the Authority is not required to store the apparatus in an enclosed area.

9. **Cure.**

9.1. If the Authority has rejected the apparatus for a defect or non-conformity, or the apparatus has or develops a defect after acceptance of the apparatus, Vendor shall have thirty (30) days to cure the defect; provided, Vendor provides the Authority written notice of Vendor's intent to cure the defect and assures the Authority that it is capable of curing such defect. The Authority shall notify Vendor in writing of its discovery of any defect within thirty (30) days of the actual discovery of the defect. The cure of the defect shall be at the sole expense of the Vendor, and Vendor shall cover all costs of such cure.

9.2. Unless otherwise agreed to in a separate writing signed by the parties, Vendor shall have one opportunity to cure each defect for which it has been placed on notice or which Vendor discovers. Any agreement to cure defects of the apparatus shall not constitute a settlement of claims brought pursuant to the terms of this Agreement.

9.3. If, at any time, Vendor discovers a defect in the apparatus, Vendor shall, within two (2) days of discovery, notify the Authority of such defects in writing and shall promptly cure such defect, if Vendor so chooses, pursuant to this section.

10. **Warranty.**

10.1. Vendor warrants and guarantees that the apparatus will be manufactured in accordance with the specifications set forth in the attachments to this Agreement. Vendor shall provide express warranties consistent with the requirements in the Bid Specifications.

- 10.2. The implied warranties of merchantability and fitness for a particular purpose, as set forth in sections 62A.2-314 and -315 of the Revised Code of Washington, shall apply to the apparatus. These implied warranties shall apply even though they may be disclaimed in an attachment to this Agreement or other documents supplied by the Vendor, such that this section shall prevail over such disclaimer, and such disclaimer shall not apply. The inspection of or failure to inspect the apparatus shall not constitute a waiver or cancellation of the implied warranties.
- 10.3. If the Apparatus or any component, unit or subsystem is repaired, rebuilt or replaced pursuant to this Agreement, such warranty work, component, unit or subsystem shall have the remaining unexpired warranty of the apparatus, the original component, unit or subsystem or a warranty of six (6) months, whichever period is longer.
- 10.4. Vendor shall provide all paperwork relating to warranty coverage of the apparatus or their components to the Authority upon delivery of the Apparatus. In the event of any discrepancy or inconsistency between the paperwork and this Agreement, the provisions providing the greatest warranty protection to the Authority shall control.
- 10.5. The warranty period set forth in this Agreement shall not run during any period in which the Apparatus is not functional due to a defect in the Apparatus so long as the Authority places Vendor on written notice of the defect.
- 10.6. In the event a component manufacturer requires that the purchaser register its purchase with the manufacturer to make effective a component manufacturer's warranty, Vendor shall take all steps necessary to register such purchase with the component manufacturer. In the event Vendor fails to properly register the Authority's purchase with the component manufacturer, then Vendor shall assume the status of warrantor of such component as if such registration had occurred. The Authority's failure to discover any defect during any inspection or at any other time shall not constitute a waiver of the warranty applicable to such defect.

11. Performance Bond. If any portion of the Purchase Price is payable prior to the Authority's acceptance of the apparatus, Vendor shall provide and execute a Performance Bond for the full contract amount, unless waived in writing by the Authority. This performance bond shall:

11.1. Be signed by an approved surety (or sureties) that:

11.1.1. Is registered with the Washington State Insurance Commissioner, and

11.1.2. Appears on the current authorized Insurance List for the State of Washington published by the Office of the Washington Insurance Commissioner.

11.2. Be conditioned on and guarantee the faithful performance of the contract by Vendor within the prescribed time.

11.3. Guarantee that the surety shall indemnify, defend, and protect the Authority against any claim of direct or indirect loss resulting from the failure:

11.3.1. Of Vendor (or any of the employees, sub-contractors, volunteer sub-contractors of Vendor) to faithfully perform the contract, and

11.3.2. Of Vendor (or the sub-contractors) to pay all laborers, mechanics, subcontractors, volunteers, material person or any other person who provides supplies or provisions for carrying out the work.

11.4. The Authority may require the surety companies on the Performance Bond to appear and qualify themselves. When the Authority deems the surety or sureties to be inadequate, it may, upon written demand, require Vendor to furnish additional surety to cover any remaining work. Until the added surety is furnished, payments on the contract will stop.

11.5. The parties agree that no liability shall attach to the Authority by reason of entering into this Agreement except as expressly provided herein.

12. **Non-Assignment.** Vendor shall not assign this Agreement nor any part thereof, nor any monies due or to become due thereunder, without the prior written approval of the Authority. Vendor shall not sublet any part of this Agreement without first having obtained the written consent of the Authority to do so. IN CASE SUCH CONSENT TO SUBLET ANY PART OF THIS AGREEMENT IS GIVEN BY THE AUTHORITY, IT SHALL IN NO WAY RELEASE VENDOR FROM ANY RESPONSIBILITY UNDER THIS AGREEMENT, AND VENDOR SHALL BE HELD IN ALL RESPECTS ACCOUNTABLE AS IF NO CONSENT HAS BEEN GIVEN. VENDOR WILL BE REQUIRED TO GIVE PERSONAL ATTENTION TO THE WORK THAT IS SUBLET.

13. **Indemnification.** Vendor shall defend, indemnify and hold the Authority, it's officers, officials, employees, agents and volunteers harmless from injury and all claims, injuries, damages, losses and suits including all legal costs and attorney fees arising out of or in connection with the performance of this Agreement except for injuries and damages resulting from the sole negligence of the Authority. The Authority's inspection or acceptance of the apparatus when completed will not be grounds to avoid any of these covenants of indemnification. The provisions of this section shall survive the expiration or termination of this Agreement. The Authority shall: (1) promptly notify Vendor of any claim for which indemnification may be sought; (2) cooperate fully in the defense of such claim; and (3) permit Vendor to settle or compromise such claim on terms and conditions which, in good faith, it determines are appropriate.

14. **Insurance.** The Vendor shall procure and maintain for the duration of the Agreement, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Vendor, its agents, representatives, employees or subcontractors. The Vendor's insurance must be primary, and any insurance or self-insurance maintained by the Authority shall not contribute to it. If any part of this Contract is subcontracted, these insurance requirements also apply to all subcontractors.

15. **Discrimination.** In the hiring of employees for the performance of work under this Agreement or any sub-contract hereunder, Vendor, its sub-contractors or any person acting on behalf of Vendor or its sub-contractor shall not,

by reason of race, religion, color, sex, sexual orientation, national origin or the presence of any sensory, mental or physical disability, discriminate against any person who is qualified and available to perform the work to which the employment relates.

16. **Severability.** If any term, provision, condition or other portion of this Agreement, or its application to any person is held to be inoperative, invalid or void, than the same shall not affect any other term, provision, condition or any other portion of this Agreement or its application to any person.
17. **Cumulation of Remedies.** All remedies available to either party for breach of this Agreement are cumulative and may be exercised concurrently or separately, and the exercise of any one remedy shall not be deemed an election of such remedy to the exclusion of other remedies.
18. **Non-Waiver of Breach.** No term or provision hereof shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party claimed to have waived or consented. Any consent by any party, or waiver of, the breach of the other whether expressed or implied shall not constitute a continuing waiver of or consent to, nor excuse a different or subsequent breach. The failure of the Authority to enforce one portion of this Agreement shall not constitute a waiver, or excuse the breach, of another portion of this Agreement.
19. **Authority.** Each party has full power and authority to enter into and perform this Agreement, and the person signing this Agreement on behalf of each party has been properly authorized and empowered to enter into this Agreement. Each party further acknowledges that it has read this Agreement and understands and agrees to be bound by its terms.
20. **Choice of Law/Attorney Fees and Courts.** This Agreement shall be exclusively governed and controlled by the laws of the State of Washington. Jurisdiction and venue for any action relating to this Agreement shall exclusively be in the Superior Court for Mason County, Washington. In the event of litigation concerning the terms of or performance under this agreement, the prevailing party, in addition to costs, shall be entitled to reasonable attorney's fees as determined by the court.
21. **Termination.** This Agreement may be terminated in whole or in part:
 - 21.1. By the Authority if Vendor fails to deliver a conforming apparatus within thirty (30) days after the time for delivery specified in this Agreement or after thirty (30) days for a cure of any defect or non-conformity. The Authority shall notify Vendor of the termination, the reasons thereof, and the effective date.
 - 21.2. By the mutual written agreement of the Authority and Vendor. The Agreement to terminate shall include the conditions of termination, the effective date and in the case of termination in part, the portion to be terminated.
 - 21.3. After the effective date of termination, no charges incurred under this Agreement, or terminated portions thereof, are allowable.

22. **Notice to Proceed.** Vendor shall commence all work immediately upon execution of the Agreement and shall provide a performance bond and a copy of an insurance policy(ies)\certificate(s).
23. **Sales Tax.** The Authority shall be responsible for paying Washington State Sales Tax on the contract amount at a rate that is current when and where the unit is purchased. Sales tax collected by Vendor will be subject to WAC 458-20-145, Special Rule No. I. 25.
24. **Ownership and Title.** Upon acceptance of the apparatus and payment by the Authority pursuant to this Agreement, ownership and title of the apparatus shall pass to the Authority free and clear of any interest or lien.
25. **Modification.** This Agreement may only be amended or modified by the mutual written agreement of the parties. All amendments or modifications shall be signed by both parties and be attached to this Agreement.
26. **Standard of Performance.** All work to be performed by Vendor shall be performed in a workman-like manner in accordance with generally accepted professional practices in effect at the time such work is performed.
27. **Entire Agreement.** This Agreement constitutes the entire agreement between the Authority and Vendor. With the exception of properly executed written modifications, representations, either written or oral, that do not conform to the "modification" section of this Agreement, shall not be considered part of this Agreement.
28. **Conflict of Terms.** The terms of this Agreement, including the Attachments, shall be read together. Unless otherwise specified in this Agreement, in the event that any of the terms of the Agreement including the Attachments conflict with each other, the following shall be the order of precedence:
- 28.1. The terms of this Document entitled "Agreement between North Mason Regional Fire Authority and _____ for the purchase of one (1) new ambulance" shall take precedence over the terms of any other portion of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year written below. If the dates written below do not coincide, the latest written date shall act as the effective date of this Agreement

North Mason Regional Fire Authority

Signature: _____

Signature: _____

Print Name: _____

Print Name: Beau Bakken

Title: _____

Title: Fire Chief

Date: _____

Date: _____