

Darrington Fire District 24



Bid Specification for Custom Built Ambulance

**Bids are due no later than Thursday, April 7th 2022, 3:30pm 1115
Seeman St. Darrington WA 98241 – Physical Address
PO Box 1238 Darrington WA 98241 – Mailing Address**

All questions should be forwarded to dbono@darringtonfire.org.

INVITATION TO BID LEGAL NOTICE

Darrington Fire District 24 is soliciting bids for a complete custom ambulance. All bids must be received by the Deputy Fire Chief of Operations at the District Headquarters - Station 39, 1115 Seeman St. Darrington WA 98241 or PO Box 1238 Darrington WA 98241, no later than 3:30 pm April 7th, 2022. Bids received after this time will be refused. The bid shall be placed in a sealed envelope clearly marked on all sides stating "2022 Ambulance Bid." The bid opening shall take place at the next regularly scheduled public board meeting in April 2022 at the above location. Meeting location, date, and time will be located on the district's website. A bid specification packet is available at our website, www.darringtonfire.org. The district reserves the right to refuse any and all bids.

Name of Vendor Company _____

Address _____

Vendor Office Phone _____

Vendor web site _____

Name of authorized vendor Representative _____

Phone number for the Vendor Representative _____

Email Address for the Vendor Representative _____

**Company
Background** _____

Refrences _____

Refrences _____

Refrences _____

**Is the vendor capable of supplying said equipment or services withIn 400 days
after the bid award has been made?**

Yes _____ **No** _____

0 GENERAL INSTRUCTIONS

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

COMPLY **YES** **NO**

- 0.02** The Ambulance 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:

Conformity to the Specifications.

Bidders past performance with this and other agencies.

Manufacturers past performance with this and other agencies.

Bidders ability to service vehicles for this agency.

Cost of vehicles after adjustments for exceptions taken.

COMPLY **YES** **NO**

0.04 Ambulance 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 Ambulance and the purpose for which it is intended.

COMPLY **YES** **NO**

0.05 The Ambulance 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.

Facility has the needed equipment, (i.e., press brake, shear, plasma cutter, paint booth, etc.) to fabricate major body parts.

Facility has the ability and authority to properly remount module body bid without affecting manufacturer's warranties.

Facility is a Ford QVM member.

Facility is a member of NTEA (National Truck equipment Association)

Facility for repair/maintenance shall meet the same technical standards/requirements and have the same capabilities as the manufacturing facility as to fully support all of the warranty/technical needs of the ownership of the vehicle and will be within 175 physical road miles of 1115 Seeman St, Darrington, WA 98241.

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 ambulance. 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 "Ambulance 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

- 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

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:

Any preference, priority of allocation order duly issued by the Government;

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

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.

COMPLY	YES	NO
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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.

0.30

CHASSIS NOTIFICATION

Manufacturer is not responsible for, nor can control the OEM chassis production build out dates and change of model years. Published model years and pricing are subject to change and may need to be updated during the quote and / or order process.

0.31

DELIVERY TIMEFRAME

The vendor agrees to deliver to the district on (1) fully functional apparatus, free of defects, that conforms to the specifications set forth in this document no later than 400 days of the date an order is submitted to the vendor.

INVESTMENT:

Year _____ Make _____ Model _____ Price _____
Sales Tax _____
Total _____

Payment Terms: The above vehicle price shall be based upon a 90% payment being made upon receipt of vehicle with the balance due in 30 days.

Drive out allowance included in above price _____

Pre-Build/ Inspection visit allowance
(One (1) Person for Pre-Build; two (2) People for Final Inspection) _____

100% Performance Bond – If required ADD _____

The price quoted above shall remain firm until _____

Delivery: Calendar days after receipt of order _____

Bidder _____

Signed _____

Address _____

Phone _____

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

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.

**BID SPECIFICATIONS
FOR
SNOHOMISH COUNTY FIRE DISTRICT 24
DARRINGTON, WASHINGTON**

1 CHASSIS

1.01 OEM CHASSIS

- 2023 Ford F-450 XLT, Regular Cab 4 x 4, meeting all the specifications of Section 1.01 (Note: Chassis subject to model year changes)
 - Ambulance Prep Package (47A)
 - 3 year/36,000 mile Bumper-to-Bumper warranty
 - 5 year/60,000 mile Powertrain warranty
 - Dual rear wheels
 - Provided by manufacturer

COMPLY	YES	NO
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1.01.01.1 SPECIFIC RATINGS

- Drive – 4 x 4
- G.V.W.R. – 16,500 lb
- Front Axle – 7,000 lb
- Rear Axle – 13,660 lb
- Wheelbase – 193"
- Cab to Axle – 108"
- Front Spring Capacity – 7,000 lb
- Rear Spring Capacity – 13,660 lb
- Rear Differential – 4.88 ratio, limited slip wide track rear axle

COMPLY	YES	NO
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1.01.02 POWER TRAIN

- Engine
 - 7.3L V8 Gas DEVCT NA PFI (99N)
 - Engine block heater
 - Oil Minder System
- Engine Cooling System
 - Heavy duty, closed-air, free-liquid state type
 - Coolant recovery system
 - 50/50 solution Permanent type antifreeze to –34 degrees F
- Transmission
 - TorqShift 10-speed automatic transmission with selectable drive modes
 - External oil cooler in chassis grille area
 - Electronic Shift on the Fly
- 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**

1.01.03 STEERING

- Power-assisted
- Tilt steering wheel

COMPLY **YES** **NO**

1.01.04 SHOCK ABSORBERS/STABILIZER BARS

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

COMPLY **YES** **NO**

1.01.05 BRAKES

- Heavy duty power-assisted four wheel ABS; front and rear disc
- Front 14.53" diameter; Rear 15.35" diameter
- Trailer Brake Controller

COMPLY **YES** **NO**

1.01.06X TIRES AND WHEELS

- Seven OEM LT 225-70R-19.5G all-purpose steel belted radials
- Four OEM 19.5" aluminum wheels (64D)
- Three OEM 19.5" steel wheels
- Spare tire and wheel shipped loose
- OEM jack and tire changing tools

COMPLY **YES** **NO**

1.01.07 ELECTRICAL

- Alternators – OEM dual rated at 397 Amps total
- Battery – OEM dual rated at 750 CCA each
- Stationary Elevated Idle Control

COMPLY **YES** **NO**

1.01.08X INSTRUMENT PANEL AND CONTROLS

- Gauges
 - Speedometer
 - Tachometer
 - Engine Coolant Temperature
 - Transmission Fluid Temperature
 - Fuel Level
 - Indicator lights
 - Odometer/Trip Odometer
- Cruise Control, with steering mounted controls
- Audio – OEM AM/FM/SiriusXM radio with 6 month prepaid subscription

- SYNC 3 - Voice-Activated communications and entertainment system with 8" touchscreen in center stack
- 4.2" LCD Productivity Screen in IP Cluster with compass display
- Two USB Ports
- Ford Pass® Connect 4G WiFi Modem
- Rearview Camera and Prep Kit (872)

COMPLY	YES	NO
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1.01.09X

CAB EXTERIOR

- Trim Level – XLT
- Bumper – Chrome
- Tow Hooks –Two Front
- Mud Flaps – Two Front
- Horn – OEM dual electric
- Windows – Solar Tinted
- Windshield wipers – Two-speed electric, washer and intermittent speed control
- Mirrors
 - Two black, below eye level, manually telescoping trailer tow
 - Power, heated glass, upper portion
 - Turn indicators and clearance lights on outside edge
 - Lower portion convex
- Lights
 - Headlamps – Auto High-Beam, Quad-beam halogen
 - Roof clearance light
 - Daytime Running Lamps (942)
- Fuel – OEM 40 gallon tank

COMPLY	YES	NO
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1.01.10X

CAB INTERIOR

- Trim Level – XLT
- Seats – OEM
 - Cloth 40/20/40
 - Combination lap and shoulder harness
 - Side door armrest
- Flooring – Black vinyl
- Climate control – OEM
 - Heavy duty, fresh air, high capacity heater/defroster
 - Dehumidifying air conditioning system
- Airbags
 - Driver and right-front passenger front
 - Front-seat side
 - Safety canopy system with roll-fold side curtain airbags
- Other
 - Dome light, with dual map lights
 - Auxiliary Power Point
 - Interior hood release
 - Power door locks & windows
 - Remote keyless entry w/AntiTheft

- Adjustable gas and brake pedals (62M)

COMPLY	YES	NO
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1.01.11

COLORS

- Exterior – Race Red (PQ)
- Interior – Medium Earth Gray

COMPLY	YES	NO
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1.02 CHASSIS MODIFICATIONS

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

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

1.02.05 RUNNING BOARDS WITH SPLASH GUARDS

Running boards made of 0.125" bright aluminum diamond plate for a Ford F-450 Regular Cab shall be securely mounted on both sides of the chassis with OEM fasteners.

COMPLY YES NO

1.02.08 RECOVERY EYES

Two rear recovery eyes, rated at 10,000 lb. per pair, shall be installed in 6.75"W x 6.75"H x 4.375"D recessed pockets. Eyes shall be 1.8125"D, bolted to frame. These eyes shall not be used for towing or lifting of emergency vehicle.

COMPLY YES NO

1.02.09A MUD FLAPS

Mud flaps with the manufacturer's logo shall be installed behind each rear wheel.

COMPLY YES NO

1.02.13B TIRE CHAINS

ONSPOT brand automatic tire chains shall be installed on the rear axle. A compressor with a perforated divider shall be installed on the floor of the streetside forward exterior compartment. A disable switch shall be located in electrical Cabinet #16 for ease of maintenance. A protected aircraft-style "TIRE CHAINS" switch shall be installed on the driver's console (Section 6.09X related).

COMPLY YES NO

1.02.14A SUSPENSION

A LiquidSpring 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 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

1.02.21 CHASSIS LIGHTING

A Whelen #3SR00FRR Red LED flashing door open indicating light shall be installed in the headliner. A buzzer shall be installed in the driver's console. (Section 6.12X related).

COMPLY YES NO

1.02.36

AUXILIARY COMPRESSOR

A TM-16 auxiliary air conditioning compressor kit shall be added to the OEM engine (Section 5.17X related.)

COMPLY **YES** **NO**

1.02.43

CHASSIS MODIFICATIONS

Two smoke gray rain guards shall be installed on the driver's and passenger cab door windows.

One 120VAC GFCI receptacle shall be installed on the back wall of the cab, behind the driver's seat (Section 6.21 related).

COMPLY **YES** **NO**

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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1.03.02A 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 verticalizer covered with black-painted polyurea thermoplastic elastomer (3.04.01 related). The insert shall be installed with 0.25" stainless steel bolts. Two stainless steel brackets shall be installed, one to support the top of the boot and one to protect the bottom of the walk-thru (Section 2.13X 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

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 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

2.02

MODULE DIMENSIONS

Overall Vehicle Dimensions (Specifications are listed as minimums.)

Length	25 ' 5.7 "	305.70 "
Width (excluding mirrors)	8 ' 0 "	96.00 "
Height (Approximate)	9 ' 6.38 "	114.38 "

Note: Overall length different than shown due to chassis change.

Exterior Module Dimensions (Specifications are listed as minimums.)

Length	14 ' 3 "	171.00 "
Width	8 ' 0 "	96.00 "
Height	7 ' 4.375 "	88.38 "

Interior Dimensions (Specifications are listed as minimums.)

Length	Forward Wall to Rear Wall	158.00 "
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.

The module roof front and rear edges shall be constructed to allow mounting of recessed lightbars.

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 lbs. of equipment.

COMPARTMENT #1

Interior Dimensions – 52"W x 35"H x 20"D

Doorway Dimensions – 52"W x 35"H

Location – Streetside, forward

Shelving – One adjustable shelf with 1" x 1" lip rolled down to the outside and inside and one fixed shelf at floor level

Door(s) – Double (the aft door shall open first)

Light(s) – Three LED strip lights: one vertical light shall run along each sidewall and one horizontal light shall be installed above the under-floor storage portion, in the lower section of the compartment.

Additional Instructions –

1. The 120VAC Power Box shall recessed in the forward wall so as not to protrude into the compartment (Section 6.21 related), with an easily removable cover. The upper forward portion of the compartment shall be 18.125"W x 24.25"H x 33"D and have a vertical aluminum track installed centered on back wall.
2. One 12VDC receptacle and one 120VAC GFCI Duplex receptacle shall be installed in this compartment on the forward wall above the 120VAC box (Sections 6.21 and 6.25 related)
3. The adjustable shelf and fixed level shelf (aft of the divider) shall have #766 Marbleized Gray RCA TRANSIT-FLOR material installed. Stainless steel caps shall be installed on the exterior and interior edge of the upper shelf. The interior stainless-steel cap shall have a 0.75"H ramp. The shelf shall be installed 15" down from the ceiling.
The fixed floor level shelf shall have a stainless steel fluid barrier toward the interior.
4. Two diamond plate aluminum pockets for flare storage shall be installed on the door skin of forward door.
5. A 1200 watt inverter with aluminum offset bracket and tire chains air compressor shall be installed in the lower forward corner with a perforated aluminum divider (Sections 1.02.13B and 6.31 related).
6. One filtered vent shall be installed in the lower forward wall, and one soffit vent shall be installed in the back wall in line with the inverter.
7. A painted aluminum dual "D" size cylinder stacked holder shall be installed in the upper center of the compartment. Both *customer-supplied-and-installed* cylinders shall be accessible from the inside and outside (Section 4.10 related). Holder shall be lined with gray automotive carpet on all interior surfaces to prevent rattle.

COMPLY	YES	NO
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COMPARTMENT #2

Interior Dimensions – 33"W x 70"H x 20"D

Doorway Dimensions – 33"W x 70"H

Location – Streetside, rear

Shelving – One adjustable, installed 15" below the ceiling

Door(s) – Double

Light(s) – Two LED strip lights

Additional Instructions –

1. Three aluminum tracks shall be installed on the rear wall. Four black powder-coated angled corner brackets shall be installed on aluminum track for *customer-supplied-and-installed* SCBA brackets: two aft and two forward. One aluminum track shall be placed in the center of the back wall for installation of two *customer-supplied-and-installed* SCBA brackets.
2. Prewiring for two *customer-supplied-and-installed* portable spotlight charging brackets shall be installed on the aft wall (Section 6.45 related).
3. A 6"H x 12.875" W x 2.5" D diamond plate pocket and a black rubber "Quick fist" clamp shall be installed on the aft compartment door skin at delivery to hold a *customer-supplied-and-installed* axe (Section 4.50X related).
4. A black rubber "Quick fist" clamp shall be installed on the forward wall by the door at delivery.
5. Two "J" hooks shall be installed; one on the forward aluminum track and one on the aft aluminum track below the adjustable shelf on the outer aluminum tracks.
6. Grip tape shall be installed full length on the compartment threshold.
7. A filtered vent shall be added to the aft wall of the compartment.

COMPLY	YES	NO
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COMPARTMENT #3

Interior Dimensions – 34"W x 77"H x 20"D

Doorway Dimensions – 34"W x 70"H

Location – Curbside, rear

Shelving – Two large adjustable, bin-type shelves, one 21"W and one 13"W

Door(s) – Single

Light(s) – One LED strip

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). One oxygen tank wrench shall be installed on the forward wall towards the top of the oxygen bottle.
2. Two backboard restraining straps shall be installed in the aft portion. A formed stainless-steel gasket cover shall be installed so that backboards do not cut gasket material. An 8"H ceiling mounted divider, painted white with gray splatter, shall be installed to hold the back boards in place.
3. One "J" hook shall be installed on the back wall 4" below the bin shelf on the left-hand aluminum track.
4. Grip tape shall be installed full length on the compartment threshold.
5. Two filtered vents shall be added; one to the forward wall and one to the aft wall of the compartment.
6. A bracket and restraining strap shall be installed on the on the door skin for a *customer-supplied-and-installed* Stryker stair chair (Section 4.27 related).

COMPLY	YES	NO
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COMPARTMENT #4 – Inside/Outside Access

Interior Dimensions – 23.75"W x 45.5"H x 28.5"D

Doorway Dimensions – 23.75"W x 45.5"H

Location – Curbside, forward

Shelving – See Interior Cabinet #23

Door(s) – Single

Light(s) – One LED strip light

Additional Instructions –

1. This compartment shall share inside outside access with interior Cabinet #23.
2. #766 Marbleized Gray RCA TRANSIT-FLOR material shall be installed on the floor-level shelf, with a stainless steel cap.
3. A slide-out battery tray capable of holding two aftermarket Group 31 batteries shall be installed in the below-floor storage area (Section 6.24B related. Area shall be vented properly.

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 FRAMES AND SEALS

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 single doors shall be hinged on the forward sides, and all rear single 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.

Rotary latches with integral rotary-latch micro-switches shall be installed for single door compartments and single door module entrances. Compartments and module entrances with two doors shall have a rotary latch with a micro-switch on the door which opens first (Section 6.27 related).

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 DOORSKINS**

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.

A Truck light 2" Red LED light Model #30 with black grommet shall be added to the bottom outboard corner of each door (Section 6.51 related).

COMPLY	YES	NO
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2.09.08

ENTRANCE DOORSKINS

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. Red/white 1.5" conspicuity tape shall be installed on the vertical edge of the side passage door, the top and bottom of rear doors.

A Truck light 2" Red LED light Model #30 with black grommet shall be added to the bottom outboard corner of each door (Section 6.51 related).

Alternating Ruby Red #680-CR-82 and Yellow #680-CR-71 chevrons shall be installed on the lower portion of all module entrance door skins (Section 3.04 related). Rear door chevrons shall line up approximately with chevrons on rear of module when the doors are open.

Bottom hinged painted aluminum with a black quarter turn latch for storage of three glove boxes shall be provided in the sidepass doorskin (Section 5.32 related).

COMPLY YES NO

2.09.09X

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.

In-Step storage

Dimensions – 28"W x 6"H

Location – Recessed in curbside passage step

Shelving – None

Door(s) – Bottom hinged dimond plate aluminum with a Southco C2 latch

Additional Instructions – Storage for water bottles shall be provided in this cabinet (Section 2.11 related).

COMPLY YES NO

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

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.

CABINET #1

Dimensions – 34.5"W x 10.75"H x 16.75"D

Location – Streetside, upper forward

Shelving – None

Door(s) – Two top-hinged, clear polycarbonate with twist-slam latches, with gas shock hold opens and extruded door pulls along lower edge.

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

Additional Instructions –

1. Two Smithworks fluid warmers and two 120VAC GFCI duplex receptacles shall be installed (Sections 6.21 and 6.35 related).
2. Two adjustable vertical dividers shall be provided on ceiling-mounted horizontal aluminum track that runs full length of cabinet. One full height divider shall be located between the warmers and one partial height divider shall be centered on the aft warmer.

Example photo from #3003-1:



COMPLY	YES	NO
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CABINET #2

Dimensions – 26.5"W x 10.75"H x 16.75"D

Location – Streetside, upper center

Shelving – None

Door(s) – Top-hinged, clear polycarbonate with a twist-slam latch, with two gas shock hold opens and an extruded door pull along lower edge

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

Additional Instructions –

1. Five full height vertical adjustable dividers shall be installed, spaced equally.
2. Ceiling-mounted horizontal aluminum track shall be installed full length of cabinet.

COMPLY	YES	NO
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CABINET #3

Dimensions – 46"W x 10.75"H x 16.75"D

Location – Streetside, upper rear

Shelving – None

Door(s) – Three top-hinged clear polycarbonate doors with gas shock lift systems, twist/slam latches and extruded aluminum door pulls.

Lighting – LED under-cabinet strip light under forward half of cabinet. (Section 6.14 related)

Additional Instructions –

1. Four full height vertical adjustable dividers shall be installed, spaced equally.
2. Ceiling-mounted horizontal aluminum track shall be installed full length of cabinet.

COMPLY	YES	NO
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#4 – Action Area

Dimensions – 34.625"W x 34.75"H

Location – Streetside

Shelving – None

Door(s) – None

Additional Instructions –

1. It shall contain an attendant control panel, inverter status panel with clear polycarbonate cover, suction collector, vacuum connection, digital thermostat, 120VAC GFCI duplex receptacle, 12VDC receptacle, Blue Sea dual USB round port with cover (Sections 6.13, 6.31, 5.13, 5.17X, 6.21, and 6.25 related)
2. A painted gray aluminum pocket for holding suction unit bags shall be installed on the wall.
3. One interconnect cable shall drop out just above the thermostate to mount future remote head under the forward side of cabinet #1 (Section 6.18 related).
4. A full depth counter top shall be located below the action wall. The counter top shall be one-piece 16 ga. 304 stainless steel with a 0.5" aluminum retaining lip.
5. The area below the counter top shall provide 33 5/8"W X 22 3/8"H inside/outside access thru Compartment #1 and have one adjustable shelf. A dual "D" size cylinder holder shall be installed in the upper forward corner. Both of the *customer-supplied-and-installed* cylinders shall be accessible through the cabinet area (Section 4.10 related).

COMPLY	YES	NO
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CABINET #5 – Radio Cabinet

Dimensions – 14"W x 12"H x 34"D Maximize the size of this cabinet door opening.

Location – Streetside, forward

Shelving – None

Door(s) – Painted aluminum, side-hinged door with a black quarter turn latch and precision punched ventilation

Additional Instructions –

1. This cabinet is intended for radio component installation, and shall be supplied with access to the electrical cabinet. Antenna cables shall terminate in this cabinet (Section 6.18 6.19 related).
2. A painted white bracket with two 13" W x 1.375" D each section x 8"H pockets for file storage shall be installed below this cabinet.
3. A chrome double coat hook shall be installed aft of the cabinet (Section 5.37X related).
4. A CAT6 cable shall be coiled in this cabinet and connected to the MedVault in Cabinet #18 (Section 5.36 related).

COMPLY	YES	NO
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CABINET #6 – Squad Bench with Storage

Dimensions – Bench: 68.625"W x 19.75"H x 20"D

Storage: 55.125"W x 8.625"H x 20"D

Location – Streetside

Shelving – None

Door(s) – Hinged aluminum bench lid, with high-density foam padding covered with seamless vinyl shall provide access to the storage area. It shall have a 1.5" overhang and 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. The seat base to be formed from aluminum and securely anchored to sub-floor.
2. Three sets of two-point automatic locking retractor seatbelts shall be installed on the bench (Section 5.14 related). An additional two-point automatic locking retractor belt shall be installed, one at the aft section of the seat to be set up for a *customer-supplied-and-installed* child car seat. An additional pad shall be placed on the wall aft of the squad bench.
3. The bottom and unfinished sides of the storage area shall be sprayed with textured gray polyurea and painted white with gray splatter.
4. A 19"W x 19"H framed white marker board shall be installed on the forward-facing wall at the aft end of the squad bench. A 34"W x 43"H framed white marker board shall be installed aft of the squad bench, facing the cot (Section 5.23 related).
5. One oxygen outlet shall be installed on the back wall, aft section, above the squad bench (Section 5.11 related).

COMPLY	YES	NO
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CABINET #7 – Tip out Sharps

Dimensions – 11.5"W x 8.125"H

Location – Streetside below squad bench

Shelving – None

Door(s) – Tip-out bottom-hinged painted aluminum with a twist slam latch

Additional Instructions –

1. A 2 qt. sharps container with nylon travel stop strap shall be mounted in a tip-out storage area at the aft end of the bench, lower (Section 5.26 related).

COMPLY	YES	NO
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CABINET #8

Dimensions – 34.75"W x 10"H x 11"D

Location – Curbside, upper rear

Shelving – None

Door(s) – Two top-hinged clear polycarbonate doors with gas shock lift systems, twist/slam latches and extruded aluminum door pulls.

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

Additional Instructions –

1. One full height vertical adjustable divider shall be centered.
2. Ceiling-mounted horizontal aluminum track shall be installed full length of cabinet.

COMPLY	YES	NO
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CABINET #9

Dimensions – 34.75"W x 10"H x 11"D

Location – Curbside, upper rear

Shelving – None

Door(s) Two top-hinged clear polycarbonate doors with gas shock lift systems, twist/slam latches and extruded aluminum door pulls.

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

Additional Instructions –

1. One full height vertical adjustable divider shall be centered.
2. Ceiling-mounted horizontal aluminum track shall be installed full length of cabinet.

COMPLY	YES	NO
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CABINET #10 - Glove Storage

Dimensions – 26.75"W x 6.75"H

Location – Curbside, above passage door

Shelving – None

Door(s) Bottom-hinged, painted aluminum with two C2 Southco latches

Additional Instructions –

1. The cabinet shall be set up as a three-box glove storage (Section 5.32 related)

COMPLY	YES	NO
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CABINET #11 – Tip out Sharps

Dimensions – 11.5"W x 8.125"H

Location – Curbside below squad bench

Shelving – None

Door(s) – Tip-out bottom-hinged painted aluminum with a twist slam latch

Additional Instructions –

1. A 2 qt. sharps container with nylon travel stop strap shall be mounted in a tip-out storage area at the aft end of the bench, lower (Section 5.26 related).

COMPLY	YES	NO
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CABINET #12 – Squad Bench with Storage

Dimensions – Bench: 60.5"W x 19.75"H x 20"D

Storage: 34"W x 8.625"H x 20"D

Location – Curbside

Shelving – None

Door(s) – Hinged aluminum bench lid, with high-density foam padding covered with seamless vinyl shall provide access to the storage area. It shall have a 1.5" overhang and automatic hold-open device. The pad shall be removable.

Additional Instructions –

1. A two switch panel (Section 6.13 related) and an Auto/Off step switch shall be installed on the wall forward of the squad bench (Section 4.17B).
2. An oxygen outlet shall be installed on wall at the aft end of the squad bench. (Section 5.11 related).
3. Two sets of two-point automatic locking retractor seatbelts shall be installed on the bench with three additional lower receivers and one automatic locking retractor seatbelt (at the forward end), set up for use with sit-up or stretcher patients. One two-point automatic locking retractor seatbelt shall be installed at the aft section of the seat to be set up for a child car seat section One seat belt extension shall be shipped loose (Sections 5.14 and 8.01 related) An additional pad shall be placed on the wall aft of the squad bench.
4. The squad bench base to be formed from aluminum and securely anchored to sub-floor. The bottom and unfinished sides of the storage area shall be sprayed with textured gray polyurea and painted white with gray splatter.
5. One 13 qt. waste container with a painted, hinged, aluminum cover shall be installed at the forward end of squad bench (Section 5.26 related), with a magnet on the wall to hold the cover open.
6. The electric oxygen display shall be installed on the wall aft of the bench. (Section 5.11 related).
7. A pen storage pocket shall be installed on the wall at the forward end of the bench (Section 5.50 related).
8. A 19"W x 14"H framed white marker board shall be installed on the forward-facing wall at the aft end of the squad bench.
9. A 23"W x 32"H framed white marker board shall be installed aft of the squad bench, facing the cot (Section 5.23 related).

COMPLY	YES	NO
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CABINET #13 – Tip out Sharps

Dimensions – 11.5"W x 8.125"H

Location – Curbside below squad bench

Shelving – None

Door(s) – Tip-out bottom-hinged painted aluminum with a twist slam latch

Additional Instructions –

1. A 2 qt. sharps container with nylon travel stop strap shall be mounted in a tip-out storage area at the aft end of the bench, lower (Section 5.26 related).

COMPLY	YES	NO
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CABINET #14 – Glove Storage

Dimensions – 21.5"W x 12"H

Location – Semi-recessed in curbside passage doorskin

Shelving – None

Door(s) – Bottom hinged painted aluminum with a black quarter turn latch

Additional Instructions – Storage for three glove boxes shall be provided in this cabinet (Section 5.32 related).

COMPLY	YES	NO
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CABINET #15- HVAC

Dimensions – 34"W x 14.5"H x 25.875"D

Location – Front right stack, upper

Shelving – None

Door(s) – None

Additional Instructions –

1. This area shall house the AC/Heater Unit and aspirator pump (Sections 5.17X and 5.12 related).
2. Four vents shall be installed in a vertical plenum on the aisle side of right front stack, spaced evenly. A metal wall port for hypothermic patients shall be provided and installed to provide direct heat to the patient. (Sections 5.12 and 5.17X related)
3. The digital display for the cool cabinet temperature shall be installed on the face of this cabinet (Section 5.28X related).
4. A atomic clock shall be mounted on the face of the closeout (Section 5.24 related).

COMPLY	YES	NO
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CABINET #16 – Mermaid Medi-Kool Cabinet

Location – Front, center upper

Shelving – None

Door(s) – Aluminum bottom-hinged door with a simplex lock.

Additional Instructions –

1. A Medi-Kool MK Micro H/Micro cool cabinet with a left hing and a code lock, (10" W x 12.5" D x 5.75"H internal dimensions), shall be installed in this location (Section 5.28X related. Shall be vented through the aisle facing wall of this cabinet.

COMPLY	YES	NO
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CABINET #17 – Electrical Cabinet

Dimensions – 28.5"W x 12.375"H x 25.875"D

Location – Left front stack, upper

Shelving – None

Door(s) – Painted aluminum, hinged, top-hinged door with a hold-open device, a quarter turn slotted latch, and an automatic cabinet light.

Additional Instructions –

1. This cabinet shall house the electrical component module.
2. A refrigerator disconnect switch shall be mounted in this cabinet (Section 5.28X related)

COMPLY	YES	NO
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CABINET #18

Dimensions – 17"W x 11.25"H x 14.75"D

Location – Front, left center

Shelving – None

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

Additional Instructions –

1. This area shall be set up with four adjustable vertical dividers, with ceiling-mounted track.

COMPLY	YES	NO
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CABINET #19- CompX Narc Box

Dimensions – 12.875"W x 9.375"H

Location – Left front stack, center

Shelving – None

Additional Instructions –

1. A *customer-supplied* CompX Narc Box (#WS-PRK-NARC) with a LOCKVIEW-5PRO USB shall be installed (Sections 5.36 and 8.02 related). A CAT6 cable shall be installed to the back of the Med Vault and coiled in Cabinet #5.

COMPLY	YES	NO
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CABINET #20

Dimensions – 12.75"W x 10.75"H x 25.875"D

Location – Front right stack, upper

Shelving – None

Door(s) – Left side hinged clear polycarbonate door with black twist/slam latch

Additional Instructions – None

COMPLY	YES	NO
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CABINET #21 - Blanket Warmer

Dimensions – 13.75"W x 10.75"H x 25.875"D

Location – Front right stack, upper

Shelving – None

Door(s) – Right side hinged polycarbonate door with black twist/slam latch

Additional Instructions –

1. A Smithworks warmer shall be installed in this cabinet (Section 6.42A related).
One 120VAC GFCI Duplex receptacle shall be installed on the back wall of cabinet (Section 6.21 related)

COMPLY	YES	NO
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CABINET #22 – Custom Drawers

Dimensions – 25.375"W x 5"H x 19"D (each drawer)

Location – Front, right

Additional Instructions –

1. This area shall have two custom 25.375"W x 5"H x 19"D custom aluminum drawers. Each drawer shall operate on 18" slides rated at 300 lbs. 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 aluminum construction painted to match the interior, with formed structural support on the sides and front of drawers. Drawer sides shall be lanced on 2" intervals. Divider supports, lance punched on 2" intervals shall be added to the front of each drawer. Mill finish dividers shall be punched on 2" centers for interlaced installation. Dividers shall be installed on 4" centers in both directions.

COMPLY	YES	NO
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CABINET #23 – Standard Drawers

Dimensions – 13"W x 5"H x 19"D (each drawer)

Location – Front, left

Additional Instructions –

1. This area shall have six standard 13"W x 5"H x 19"D metal drawers. 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. Each drawer shall have machine-stamped divider supports along the sides with four removable aluminum dividers per drawer. A 20-hole aluminum divider (made at half depth) shall be provided for the upper right-hand drawer.

COMPLY	YES	NO
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CABINET #24 – Inside/Outside Access

Dimensions – 28"W x 30.5"H x 25.875"D

Location – Front, lower right

Shelving – One adjustable with 1"x1" lip to turn down to the outside

Door(s) – None

Additional Instructions –

1. This area shall provide inside/outside access and have one 120VAC GFCI Duplex receptacle and one 12VDC receptacle installed on the back wall. (Section 6.21 and 6.25 related)
2. #766 Marbleized Gray RCA TRANSIT-FLOR material shall be installed on the adjustable shelf. Stainless steel caps shall be installed on the exterior and interior edge of the shelf. The interior stainless-steel cap shall be ramped. A stainless-steel ramp shall be installed on the floor of the cabinet to aid in sliding kits over the fluid barrier.
3. The HVAC shall be distributed thru a vertical plenum on the aisle side of the right front stack (Section 5.17X related). A Beam #015715 metal wall port shall be installed in the vertical plenum to provide direct heat to a patient.

COMPLY	YES	NO
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2.11X

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. Storage for water bottles shall be provided in the step.

In-Step storage

Dimensions – 28"W x 6"H

Location – Recessed in curbside passage step

Shelving – None

Door(s) – Bottom hinged diamond plate aluminum with a Southco C2 latch

Additional Instructions – Storage for water bottles shall be provided in this cabinet.

COMPLY	YES	NO
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2.13X

CAB TO MODULE PASSAGE

Shall be a walk-thru measuring 17.25"W x 37"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 polycarbonate center viewing area.

A folding jump seat shall be installed on the curbside wall of the walk-thru area (Section 5.33B related).

COMPLY	YES	NO
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2.14A

WHEELWELL LINERS

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

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**

3.04 COLOR SCHEME

Base color: To match OEM Race Red (G4-100871777)
Condenser bracket shall be painted to match the module.

Stripe #1:	Colors:	Ruby Red #680-CR-82 and Yellow #680-CR-71
	Width:	6"
	Style:	Diagonal stripes alternating between the two colors
	Material:	Scotchlite.
	Location:	Rear of module, below drip rail, outboard of rear passage doors (doors are excluded)

Alternating Ruby Red #680-CR-82 and Yellow #680-CR-71 chevrons shall be installed on the lower portion of all module entrance door skins (Section 3.04 related). Rear door chevrons shall line up approximately with chevrons on rear of module when the doors are open.

COMPLY **YES** **NO**

3.04.01 CHASSIS SCHEME

Chassis shall be OEM Race Red (PQ)

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

COMPLY **YES** **NO**

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**

3.07

INTERIOR CABINETY 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)

COMPLY YES NO

3.08

MODULE UPHOLSTERY

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

COMPLY YES NO

3.09X

MODULE FLOORING MATERIAL

Shall be #766 Marbleized Gray RCA TRANSIT-FLOR material. Seams shall be double cut to insure a tight fit and prevent seepage of body fluids and water through the floor.

An insulated floor shall be installed over the subfloor. It shall be constructed with square tubing (0.75" x 0.75" x 0.063"), filled with 0.75" thick polyiso insulation, and covered with 0.125" aluminum sheet. (Section 2.04 related)

COMPLY YES NO

3.10X

COMPARTMENT LINING

Compartment floors shall be lined with light gray Matéflex floor tile and all shelves with mat, except for aft portion of inside/outside shelves in Compartment #1, and inside/outside floor level shelf of Compartment #4, which shall be covered with 766 Marbleized Gray RCA TRANSIT-FLOR material.

COMPLY YES NO

3.11

CABINET LINING

Interior cabinet shelves shall be lined with easy sweep mats which are removable for ease of cleaning, except for inside/outside shelves as noted in 3.10X.

COMPLY YES NO

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

3.14X

CUSTOM PLACARDS/HOLDERS

Four custom placard holders shall be provided and installed. Placard holders shall be made of formed stainless steel, approximately 17.875"L x 8"H x .125"D, have left dimples, and hold placards made of 0.177" Red acrylic. The placards holders shall be mounted in the following locations;

- One on the streetside of the module, upper forward
- One on the rear of the module to the right of the rear entrance doors.
- One on the curbside of module, above Compartment #4
- One shall be shipped loose (Section 8.01 related)

COMPLY YES NO

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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4.02A**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, and over each exterior compartment and passage door. 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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4.07X

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 Cast Products non-locking door shall be installed over the fuel fill.

Foam tape shall be added to the edge of the fuel fill door.

COMPLY	YES	NO
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4.08X

MODULE WINDOWS

All module windows shall have black anodized aluminum frames, rubber gaskets, be Solar Cool Bronze 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. All module windows to be "SOLAR BRONZE" tinted.

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 CYLINDER STORAGE

A dual painted aluminum "D" size cylinder holder shall be installed in the upper forward section of Compartment #1. Both of the cylinders shall be accessible through the cabinet #4 area. A painted aluminum door and with a barrel bolt shall be installed on the interior. Interior surfaces of cylinder holder shall be lined with carpet to prevent cylinder rattle.



Compartment #3 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.

COMPLY	YES	NO
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4.16A

LICENSE PLATE HOLDER

A recessed license plate holder with dual LED lights shall be installed below rear doors.

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

COMPLY	YES	NO
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4.17B

ELECTRIC STEP

A Zico VS-24-11 single electric step with a 10.5" drop shall be installed under the curbside passage door and shall be wired to extend and retract with the door. An override switch labeled "AUTO/OFF" shall be installed inside the module, just aft of the curbside door to prevent the step from being extended.

COMPLY	YES	NO
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4.27

STAIR CHAIR STORAGE

A bracket and strap shall be installed by the manufacturer on the Compartment #3 door skin for a *customer-supplied-and-installed* Stryker 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	NO
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4.50X

ADDITIONAL BRACKETS

Two 10.25" W diamond plate aluminum pockets for flare storage shall be installed on the door skin of Compartment #1.

A diamond plate pocket and a black rubber "Quick fist" clamp to hold a *customer-supplied* axe (Section 8.02 related), shall be installed on door skin of Compartment #2 at delivery. A black rubber "Quick fist" clamp to hold a *customer-supplied-and installed* set of irons and shall be installed at delivery.

Two "J" hooks shall be installed in Compartment #2 one on the forward wall and on the aft wall (Section 8.02 related).

A "J" hook shall be installed on the back wall of Compartment #3 below the lower bin shelf (Section 2.08 related)

COMPLY	YES	NO
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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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5.04X LOWER WALL COVERING

The squad bench sides and lower portion of the streetside wall shall be covered with polished stainless steel. Stainless-steel shall wrap around the aft edge of the wall.

COMPLY	YES	NO
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5.05X GRAB RAIL

Two 75"L x 1.250"D stainless steel grab rails with three support brackets shall be securely mounted to roof structural framing on either side of the cot, they shall be installed with Loctite and nutserts. An additional 60" grab rail shall be added in the ceiling offset toward the curbside.

COMPLY	YES	NO
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5.06A ACCESS DOOR GRAB RAILS

Each module access door shall have a 1.250" stainless steel grab handle. The rear doors shall have L-style handles installed with Loctite which may also be used as entry assist rails. The side door shall have an 18" horizontal bar. Screws shall be installed with Loctite.

A vertical entry assist grab bar shall be installed with Loctite inside the latch side of the side passage door, projecting forward of the bench and net. The top of the bar shall be attached to the curbside wall. The bottom of the bar shall be attached to the forward end of the squad bench cabinet.

COMPLY	YES	NO
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5.07

IV HANGERS

Four retractable ceiling-mounted Cast #IV2008 recessed IV hangers shall be installed over the primary patient. Two shall be over the patient's head area on each side and two shall be over the patient's feet area on each side.

COMPLY YES NO

5.08

COT MOUNT

A *customer-supplied* Stryker Power-LOAD cot mount system with safety hook shall be installed, wired ignition hot. To allow use of non-Power-LOAD, X-frame cots with the Power-LOAD system, a floor plate with plastic cover shall be provided and installed for mounting a manufacturer-provided rear rail clamp, which shall be shipped loose (Section 8.01 related).

COMPLY YES NO

5.09A

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

5.11

OXYGEN SYSTEM

The entire oxygen system to be assembled with certified Oxygen hose (1000 PSI burst strength) with brass fittings, pressure tested, and certified. Ohio type outlets shall be installed in the following locations:

- one in the streetside wall above the squad bench.
- one in the curbside wall above the squad bench.
- one dual port in the ceiling above primary patient

The electric oxygen system shall be controlled through an electric solenoid with manual bypass, have an LED content display, and audible low-pressure alarm.

A 50 PSI regulator and one oxygen tank wrench shall be included.

The outlets in the ceiling shall be reinforced to prevent being pulled out.

COMPLY YES NO

5.12

SUCTION PUMP

The unit shall have an electric pump as the source of suction, installed in Cabinet #15, 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 (Section 6.13 related).

COMPLY YES NO

5.13

SUCTION COLLECTOR

A Rico #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

5.14

SEATBELTS

Black DOT-compliant seatbelts shall be installed at each seating position. Three sets of two-point automatic locking retractor seatbelts shall be installed on the streetside squad bench and two sets of two-point automatic locking retractor seatbelts and one automatic locking seatbelt (male, on forward end of bench) shall be installed on the curbside squad bench with three additional lower receivers, set up for use with sit-up or stretcher patients. The aft portion of the curbside and streetside squad benches shall each have a two-point automatic locking retractor seat belt set up to accept a child car seat. A seatbelt extension shall be shipped loose (Section 8.01 related.)

A two-point automatic locking retractor seatbelt shall be installed on the curbside wall of the walk-thru for a folding, padded jump seat (Section 5.33B related).

COMPLY YES NO

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 2", 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 roof and wall tubes.

COMPLY YES NO

5.17X

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

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

Four vents shall be installed in a vertical plenum on the aisle side of right front stack, spaced evenly.

A Beam #015715 metal wall port shall be installed in the vertical plenum to provide direct heat to a patient. A 12.5'L hose shall be shipped loose (Section 8.01 related).

A TM-16 auxiliary air conditioning compressor kit shall be added to the OEM engine and a 67,000 BTU/hr. auxiliary dual fan condenser shall be added to the front of the module in an aluminum bracket painted to match the module (Sections 1.02.36 and 3.04 related).

A UV-C light shall be installed in the top of the vertical plenum (Section 5.27 Related).

COMPLY YES NO

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

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 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 SEATBELTS" signs shall be installed - one in the cab on the glove box door, and one in the module above the Action Area oxygen outlet.

COMPLY YES NO

5.23

WHITE MARKER BOARD

Four framed white marker boards shall be installed in the following locations, with double-stick tape, adhesive, and a fastener in each corner.

- One 19"W x 19"H board on the forward-facing wall of the streetside squad bench
- One 34"W x 43"H board on the streetside wall, aft, facing the cot
- One 19"W x 14"H board on the forward-facing wall of the curbside squad bench
- One 32"W x 43"H board on the curbside wall, aft, facing the cot

COMPLY YES NO

5.24

CLOCK

An atomic-controlled clock shall be installed on the face of the HVAC close out cabinet #15. 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

5.26

SHARPS/HAZARDOUS WASTE CONTAINERS

Three 2 Qt. sharps containers shall be installed: One in cabinet #7 below the streetside squad bench (aft) and two below the curbside squad bench. Sharps cabinets shall have a tip down painted aluminum door with a twist-slam latch and shall be designed so no gap is present behind the sharp's container.

One 13 qt. waste container with a painted hinged aluminum cover, shall be installed at the forward end of the curbside squad bench.

COMPLY YES NO

5.27

AIR AND SURFACE DISINFECTION

A 36-watt UV-C infection control system shall be installed in the ceiling. The light shall be powered only with the shoreline and shall have a 60/30/20/10-minute push-button timer with a warning label installed on the forward wall of Compartment #4. Module passage door switches and the in/out compartment door switch shall deactivate the timer circuit until those doors are closed. All other compartment door switches shall not deactivate the timer circuit.

A UV warning label shall be located over the timer switch:

"WARNING: SKIN AND EYE EXPOSURE DANGER!"

1. Exit module
2. Close all passage doors
3. Connect shoreline
4. Set timer switch

UV light will automatically activate."

A 36-watt UV-C light shall be installed in the top of the vertical plenum to treat the conditioned air discharge. Baffles shall be installed below the UV-C light to prevent direct human exposure. The light shall be activated whenever the HVAC fan is on.

COMPLY	YES	NO
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5.28X

COOL CABINET

A Mermaid Medi-Kool MK Micro H/Micro refrigerator with a left hing and a code lock shall be installed as Cabinet #16, wired battery hot. Compressor shall be installed to rear of cabinet. An evaporator plate shall be installed and angle towards the back lower corner of the cool cabinet to direct the condensation to the back of the cabinet and drain to the exterior of the module, near Compartment #5.

Thermostat for Mermaid Medi-Kool MK Micro H/Micro refrigerator shall be installed on the left upper corner of HVAC Cabinet #15, facing aft.

COMPLY	YES	NO
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5.32

GLOVE BUTLERS

Cabinet #14 shall be set up as a three-box glove storage above the curbside passage door. Four slots for gloves shall be provided in the forward end of the driver's console mapbox (Section 6.09X related). Bottom hinged painted aluminum with a black quarter turn latch for storage of three glove boxes shall be provided in the sidepass doorskin in cabinet #10.

COMPLY	YES	NO
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5.33B

MODULE INTERIOR SEATING

A folding, padded jump seat with spring loaded seat irons, back rest, and two-point automatic locking retractor seatbelt (Section 5.14 related), shall be installed on the curbside wall of the walk-thru. The wall shall be reinforced at the mounting location to support the jump seat.

COMPLY	YES	NO
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5.34

PERSONNEL RESTRAINT

At the forward end of the curbside squad bench seat there shall be a net system installed 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 2" webbing and shall be easily detached for cleaning or replacement. Gasket tape shall be installed on the bench side of the lower belt buckles to prevent rattle.

COMPLY YES NO

5.36

MEDICATION SAFE

A *customer-supplied* CompX Narc Box (#WS-PRK-NARC) with a LOCKVIEW-5PRO USB shall be installed in Cabinet #19 (Section 8.02 related). Shall be wired battery hot. CAT6 cable shall be coiled up in Cabinet #5 and connected to the Med Vault in Cabinet #19.

COMPLY YES NO

5.37X

COAT HOOKS

One chrome double hook coat hook shall be provided and installed on the streetside of the walk-thru, installed as high as possible.

COMPLY YES NO

5.50X

ADDITIONAL BRACKETS

A painted white (G2-33631 Alt 2) aluminum pocket shall be installed on the Action Area #4 wall to hold suction unit bags in the back section with a half depth pocket in front. The front storage shall be for pen storage and have a centered fixed divider.

A painted white (G2-33631 Alt 2) aluminum pocket for pen storage with a centered fixed divider shall be installed on the curbside wall above the squad bench #12.

A painted white (G2-33631 Alt 2) aluminum file storage bracket shall be installed on the streetside wall aft of the walk-thru below radio Cabinet #5. Bracket shall be 13" W x 16.25"H and shall have two 1.375" D x 8"H pockets.

COMPLY YES NO

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 power component module to ensure air circulation throughout power component wiring. The wiring shall be routed in conduit or looms and wiring shall be secured to the underbody or frame with insulated metal cable straps. All power distribution cabling shall be covered with a protective split loom. Where wiring passes over the exhaust, a heat shield shall be installed. The power component module shall be equipped with positive locking plugs to provide easy disconnect for remount or repair of body. All wiring devices, switches, outlets, etc., except circuit breakers, shall be rated to carry 125% of the maximum ampere load for which the circuit is protected.

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 #16.

COMPLY	YES	NO
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6.02**VOLTMETER/AMMETER**

A single display voltmeter/ammeter shall be installed on the side of the driver's console, facing the driver, 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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6.05X**MODULE POWER**

Module power shall be controlled by the chassis ignition which activates an InPower #SSC42-275 solid state contactor. An ignition interlock shall disconnect module power 15 minutes after the vehicle's ignition is turned off. The interlock shall also allow module power to be reactivated independently for 15 minutes by cycling the ignition switch.

A 100 amp manual reset breaker to act as a "Service Disconnect" shall be installed to disconnect items on the "Battery Hot Bus" at the electrical panel.

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 self-adjusting back-up alarm shall be installed, with a momentary disable switch labeled "BACK-UP DISABLE" in the driver's console (Section 6.09 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

CUSTOM DRIVER'S CONSOLE/MAPBOX

A Type 1 driver's console with black powder coating made of formed aluminum, shall be installed between the seats. It shall have a custom switch panel with the following layout, two cup holders, two arm rests and a map holder with one divider which is mill finished aluminum.

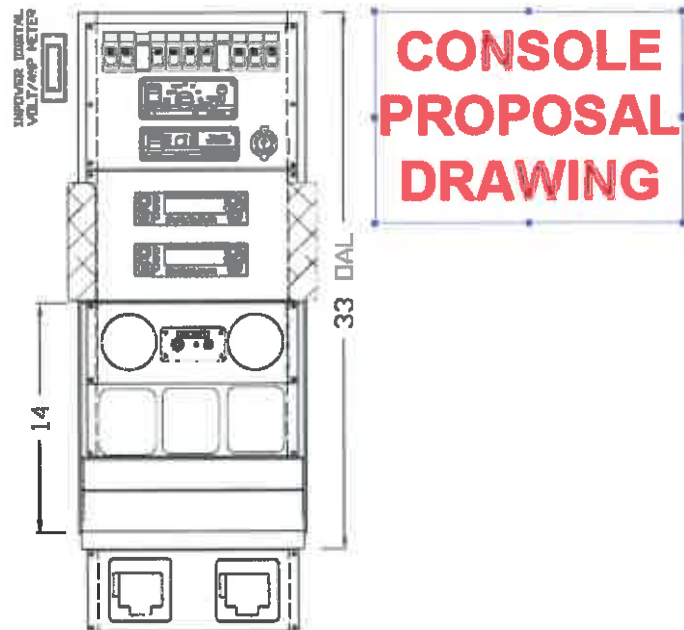
1.	2.		3.	4.	5.	6.		7.	8.	9.
Emerg. Master	White Lights		Left Scene	Right Scene	Rear Scene	Front Scene		Back-up Disable	Ground Lights	Guarded Tire Chains

Siren	Traffic Advisor Control Head
-------	------------------------------

Space for customer-supplied-and-installed radio and Dual USB
--

Space for customer-supplied-and-installed radio

Cup holder	Golight controller	Cup holder
------------	--------------------	------------



Additional Items:

One drop-in slot for four *customer-supplied-and-installed* gloves boxes shall be provided aft of the cupholder switch plate with a rear hinged black powdercoated lid (Section 5.32 related).

Two *customer-supplied* radio chargers shall be installed installed recessed in the back of the mapbox (Section 6.18A related).

Digital voltmeter on side of console facing driver (Section 6.02 related).

COMPLY YES NO

6.10

SWITCHES

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

COMPLY YES NO

6.12X

DOOR AJAR/EMERGENCY BRAKE WARNING LIGHTS

A Whelen #3SR00FRR Red Lens Red LED flasher shall be installed overhead in the cab to warn the driver of an open module passage or compartment door when the vehicle is out of park (Section 1.02.21 related). Light shall provide door open indication when the rotary door latch is not fully latched in the second latch position.

The light shall flash and buzzer shall sound only if the vehicle is out of park. Light shall provide door open indication when the rotary door latch is not fully latched in the second latch position.

It shall also activate if vehicle is placed in drive while emergency brake is on.

The door warning light shall not operate when the ignition is off.

A placard with white text on red background shall be installed, stating:

**"DOOR OPEN
Don't move vehicle
if light is on."**

COMPLY **YES** **NO**

6.13

ATTENDANT CONTROL PANELS

An eight-switch attendant control panel shall be located on the streetside wall forward portion of the Action Area Cabinet #4 with the following switch layout:

1.	2.	3.	4.	5.	6.	7.	8.
Left Dome (Hi-Off- Lo)	Right Dome (Hi-Off- Lo)	Aspirator	Vent	Electric O2	Spare	Unlock /Lock	Attendant Light (SS)

A digital thermostat and an inverter status panel shall be located adjacent to the attendant control panel on the Action Area #4 wall.

A two-switch panel shall be located on the curbside wall, with the following switch layout:

1.	2.
Dome Timer	Attendant Light (CS)

COMPLY **YES** **NO**

6.14

CABINET LIGHTING

The wall areas below Cabinets #1, #2, half of #3, #8 and #9 shall be lighted utilizing under-cabinet LED strip lighting. The streetside under-cabinet lighting shall be controlled by an ON/OFF switch labeled "ATTENDANT LIGHT" in the streetside attendant panel, and the curbside under-cabinet lighting shall be controlled by an ON/OFF switch labeled "ATTENDANT LIGHT" in the curbside two switch panel. (Section 6.13 related)

COMPLY **YES** **NO**

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 curbside bank of lights shall be automatically activated when the rear or side doors are opened or by a momentary rocker switch labeled "DOME TIMER" mounted in the two-switch panel on the wall near the curbside passage door (Section 6.13 related), which shall activate a battery hot timer. Pressing the switch once shall initiate 15-minute timed operation of the lights. Pressing the switch again shall cancel the timed operation.

COMPLY	YES	NO
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6.17X

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 horizontally 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.

Two Whelen #60A00TAR LED turn signals with 6EFLANGE shall be installed above the kick panel on the rear of the vehicle.

COMPLY	YES	NO
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6.18A

COMMUNICATIONS EQUIPMENT

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

Item #1

Description: Prewire, including 10 ga. power and 10 ga. ground, for future installation of *customer-supplied-and-installed* equipment.

Location: From electrical panel to Cabinet #5

Additional Instructions: Prewiring to be capped and labeled at both locations. Wiring shall be installed at the power component module behind the Panduit cover. An ignition sense wire shall be ran to the radio cabinet.

Item #2

Description: *Customer-supplied* interconnect cables for Motorola APX 8500 and two E5 remote heads shall be installed by manufacturer (Section 8.02 related).

Location: From radio cabinet to driver's console and Action Area #4. The forward interconnect cable shall be extended to the drivers console. The rear interconnect cable shall drop out just above the thermostat to mount future remote head under the forward side of cabinet #1.

Additional Instructions: Interconnect cables shall be labeled at both locations.

Item #3

Description: Two *Customer-supplied* radio chargers shall be installed by manufacturer (Section 8.02 related).

Location: Recessed, back of the driver's console mapbox

Additional Instructions: Chargers shall be wired to the Aux charge bus.

COMPLY YES NO

6.19 ANTENNA MOUNTS AND CABLES

Two *customer-supplied* antenna mounts with KHFUD cables and Larsen HyPer master universal connectors and mini-UHF adapters shall be installed on the module. Antenna base access shall be through the dome light openings and the cables shall terminate in the radio cabinet.

COMPLY YES NO

6.19.01 ANTENNA

Two *customer-supplied* GPS antenna mounted on the roof of the module and terminate in the driver's console (Section 8.02 related).

Two *customer-supplied* #AN000131A01 Motorola antenna installed on an NMO base on the module roof (Section 8.02 related).

COMPLY YES NO

6.20A BLOCK HEATER

The OEM block heater connection shall not be modified.

COMPLY YES NO

6.21X 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:

- Interior Receptacles (15 Amp)
- Inverter (20 amp)
- Ceiling UV Light (5 Amp)

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

Seven interior 120VAC GFCI duplex receptacles shall be mounted:

- one behind the driver's seat
- one in Compartment #1 above the 120VAC box
- two in Cabinet #1
- one in the Action Area #4
- one in Cabinet #21
- one in Cabinet #24

COMPLY YES NO

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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6.23

BATTERY CHARGER

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

COMPLY	YES	NO
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6.24B

BATTERY MODIFICATIONS

In addition to the OEM battery located under the hood, two additional matching Group #31 batteries shall be installed in the curbside forward exterior Compartment #4 on a 300 lb roll-out tray and interconnected to provide maximum cold cranking amps and reserve capacity at all times.

COMPLY	YES	NO
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6.25

12VDC POWER SUPPLY

Three 12VDC, 15-amp lighter-style power point receptacles shall be provided;

- One in Compartment #1
- One in the Action Area #4
- One in the inside/outside Cabinet #24

Two USB dual charging ports shall be installed:

- One Blue Sea dual round port with cover in Action Area #4.
- One Blue Sea dual round port with cover in the driver's console.

Power point receptacles/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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6.26

COMPARTMENT LIGHTING

An LED strip light shall be installed in all outside compartments and shall be activated by a door switch.

Compartment #1 shall have three LED strips, one each side and one for the under-floor storage.

COMPLY	YES	NO
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6.27X

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.

Both of the Compartment #1 doors shall have a switch.

COMPLY	YES	NO
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6.30 EMERGENCY WARNING SYSTEMS

6.30.01 FRONT LIGHTBAR

Shall be a 96" Whelen 4500 Plus Series LED lightbar, pattern curbside to streetside:

Curbside:	Red Lens Red 700 Series flasher Clear Lens Clear 700 Series flasher Red Lens Red 700 Series flasher Clear Lens Clear 700 Series flasher Red Lens Red 700 Series flasher
Center	#795H Opticom (Section 6.48 related). Red Lens Red 700 Series flasher Clear Lens Clear 700 Series flasher Red Lens Red 700 Series flasher Clear Lens Clear 700 Series flasher
Streetside	Red Lens Red 700 Series flasher

The lightbar shall be recess-mounted with the horizontal plane of the roof, and protrude no more than 1/2" beyond the vertical plane of the front and sides of the module.
The red and white lights shall be activated by the "EMERG. MASTER" switch on the driver's console. The white lights shall also be controlled by the "WHITE LIGHTS" switch on the driver's console and disable in park (Section 6.09X related).

COMPLY	YES	NO
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6.30.02 REAR LIGHTBAR

Shall be a 96" Whelen 4500 Plus Series LED lightbar, pattern curbside to streetside:

Curbside:	Red Lens Red 700 Series flasher LR11 load light (Section 6.30.04 related) Red Lens Red 700 Series flasher Amber Lens Amber 700 Series flasher LR11 LED scenelight (Section 6.30.04 related).
Center	Red Lens Red 700 Series third brake light LR11 load light (Section 6.30.04 related) Amber Lens Amber 700 Series flasher Red Lens Red 700 Series flasher LR11 LED scenelight (Section 6.30.04 related).
Streetside	Red Lens Red 700 Series flasher

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

The clearance lights shall be an integral part of the light bar. The scenelights shall activate when rear doors are opened or when vehicle is placed in "Reverse". The amber and red lights shall be activated by the "EMERG. MASTER" switch on the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.03

FLASHERS

Six Whelen #C9LR Red Lens Red Super LED flashers with chrome flanges shall be mounted; two on each side of module in upper corners and two on the rear of the module in the upper corners.

Two Whelen #C9LA Amber Lens Amber Super LED flashers with chrome flanges shall be mounted on the rear of module at window height.

The side and rear flashers shall flash in an "X" pattern.

Flashers shall be activated by the "EMERG. MASTER" switch on the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.30.04

SCENELIGHTS

Four Whelen #C9SL LED scenelights with chrome flanges shall be installed two each on the curbside and streetside of the module in the upper corners, inboard of the flashers. The curbside passage door shall activate the curbside scenelights. The scenelights and floodlights shall also be controlled by the respective switches on the driver's console (Section 6.09X related).

An FRC EvoII 20,000 Lumen flood light with a SPA850 mount shall be installed on the front of the module below the condenser bracket to be controlled by the "FRONT SCENE" switch on the driver's console (Section 6.09X related).

Four Whelen LR-11 LED scenelights shall be included in the rear lightbar. The rear scenelights shall be controlled by the "REAR SCENE" switch on the driver's console (Section 6.09X related), and shall activate when the rear curbside passage door is opened or when the vehicle is placed in reverse.

COMPLY	YES	NO
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6.30.05

SPOTLIGHT

A Golight #20214 roof-mounted LED 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.

COMPLY	YES	NO
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6.30.06

INTERSECTION LIGHTS

Four Whelen #WIONSMCR Clear Lens Red intersection lights with chrome housings shall be installed, one on each cab fender and one above each module wheel well.

Lights shall be controlled by "EMERG. MASTER" switch on driver's console (Section 6.09X related).

The lights shall alternate between the forward and aft lights.

COMPLY	YES	NO
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6.30.08

GRILLE LIGHTS

Four Whelen WION Series LED flashers with chrome housings shall be installed on the OEM grille. Two #WIONSMCR Clear Lens Red flashers shall be installed above, and be controlled by the "EMERG. MASTER" switch on the driver's console (Section 6.09 related). Two #WIONSMCC Clear Lens Clear flashers shall be installed below, and be controlled by the "WHITE LIGHTS" switch on the driver's console and disable in park (Section 6.09 related).

The grille lights shall flash in an "X" pattern.

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 6.09X 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.

COMPLY	YES	NO
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6.30.14X

TRAFFIC ADVISOR

Eight Whelen WIONSMCA Clear Lens Amber LED flashers with chrome housings shall be installed on the rear of the module, above the rear passage doors, with a back-up camera centered between, Section 6.46C related). A Whelen #TACTL5 traffic advisor control head shall be installed in the driver's console (Section 6.09X related).

COMPLY	YES	NO
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6.31X

INVERTER

A Samlex 1200 watt inverter with a 60 amp battery charger shall be installed with a perforated divider 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 shall be installed in the action area #4. The inverter shall be configured to turn on and off with ignition.

A clear polycarbonate cover shall be installed over the inverter control panel.

COMPLY	YES	NO
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6.35

FLUID WARMER

Two 120VAC Smithworks fluid warmers and two 120VAC GFCI duplex receptacles shall be installed in Cabinet #1. The warmer shall be thermostatically controlled at 95 to 105 degrees F.

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. Three lock/unlock switches shall be provided in the module: one located on the rear curbside passage door, one in the action area, 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 Switch" unlock shall be installed under the license plate on the rear of the module.

COMPLY	YES	NO
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6.42A

BLANKET WARMER

One 120VAC Smithworks blanket warmer and a 120VAC GFCI duplex receptacle shall be installed in Cabinet #20.

COMPLY	YES	NO
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6.43

GROUND LIGHTS

Four LED Truck-Lite #6060C LED ground lights with brackets shall be installed;

- one under the front streetside corner of the module,
- one under the front curbside corner of the module
- two under the rear bumper one at each end.

Lights shall automatically turn on when the vehicle is in park, the ignition is on and either a chassis door or module passage door is open. An override switch shall be installed in the driver's console so the customer can drive with them on (Section 6.09X related).

COMPLY	YES	NO
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6.45

ADDITIONAL LIGHTING

Prewiring for *customer-supplied-and-installed* portable spotlight chargers shall be installed in Compartment #2 (Section 2.08 related).

COMPLY	YES	NO
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6.46C

AUDIO/VIDEO/RECORDING EQUIPMENT

Item #1

Description: A Rostra #250-8147 surface-mounted back-up camera shall be installed.

Location: Above the rear passage doors, centered between eight WIONSMCA flashers (Section 6.30.14X related, different than shown in drawings).

Additional Instructions: Camera shall be plugged in at the end of the chassis frame and shall automatically show on the OEM Sync 3 8" in-dash touchscreen display when the vehicle is placed in reverse.

COMPLY	YES	NO
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6.48

TRAFFIC SIGNAL PREEMPTION

Lightbar shall include a center-mounted GTT #795H Opticom traffic preemption emitter. The Opticom shall be activated by the "Emergency Master" switch on the driver's console and shall disable in park (Section 6.09X related).

COMPLY	YES	NO
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6.51

DOOR SKIN FLASHERS

A Truck light 2" Red LED light Model #30 with black grommet shall be mounted in the lower outboard corner of the interior door skins of each entrance and compartment door (total of nine). Lights shall flash when doors are open (Sections 2.09.07, 2.09.08, & 6.09 related).

COMPLY	YES	NO
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7**SUPPORTING DOCUMENTATION****7.01****OWNERS MANUAL**

1. Manufacturer's Contact Information
2. Table of Contents
3. Manufacturers' Labels
4. Electrical Load Test/Payload/Paint Stickers
5. Manufacturer Warranties
 - a. Lifetime module warranty
 - b. Seven-year/75,000-mile limited electrical warranty
 - c. Two-year/30,000-mile conversion warranty
 - d. Five-year paint warranty
 - e. Chemical De-Icer Statement
6. Service and Operations manual
7. Electrical
 - a. Wire charts and plug pinouts
 - b. Harness layout
 - c. Schematics
8. Parts list
9. Paint information
10. Products and Information
11. Module remount engineering check list
12. 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:
 - A) One bottle to match Race Red (G4-100871777)
 - C) One bottle to match white (G2-33631 #2)
 - D) One bottle to match gray (GLV-51748)
2. Spare tire and wheel
3. HVAC 12.5 ft foot hose
4. Rear rail clamp
5. One seat belt extension
6. One placard and holder
7. Radio / APX 8500 transceiver / two E5 remote heads / two speakers.

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. Two GPS antennas (8-23-21) One (8-24-21) One
2. Two Antennas and mounts for the dual band radio (8-23-21)
3. Stryker Power-LOAD cot system with safety hook (6-2-21)
4. MedVault (9-15-21)
5. Power Cot (6-2-21)
6. Radio interconnect cables / APX 8500 transceiver / two E5 remote heads / two speakers. (8-23-21)
7. Two radio chargers (8-23-21)
8. Stair Chair (6-2-21)

COMPLY	YES	NO
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