

**City of Seward, NE**  
**Tuesday, February 17, 2015**  
**Regular Session**

**Item G15**

**CONSIDERATION OF APPROVAL OF BID SPECIFICATIONS  
FOR ONE NEW AMBULANCE - John Singleton**

**Staff Contact:**

# Seward Fire and Rescue

## 2015 Ambulance Specifications

One (1)  
00-01-0001

### GENERAL CONDITIONS

Y\_\_\_N\_\_\_

**PURCHASER:** The "Purchaser" who is hereinafter described as an individual, or a group of individuals who represent the interest of a Seward Fire and Rescue AND has been charged with the responsibility of purchasing one or more emergency medical ambulance(s).

**BIDDER:** The "Bidder" is hereinafter defined as the ambulance manufacturer and/or it's authorized Representative/Dealer.

### BIDDER'S INSTRUCTIONS

Bidders shall thoroughly examine all drawings, specifications, schedules, instructions and any other documents supplied as part of this invitation to bid and shall make all investigations necessary to thoroughly inform themselves regarding the content of the written specifications, drawings, and instructions supplied herein. No plea of ignorance by the bidder pertaining to the content of the specifications, drawings, schedule, or instructions will be considered by the purchaser on the deadline, if bid submission has occurred. Failure or omission on the part of the bidder to make the necessary examinations and investigations into the content of the specifications AND make all clarifications or explanations of exceptions and conditions that exist or that may exist hereafter shall NOT be accepted as a basis for making variations to the requirements of the purchaser or compensation to the bidder.

**CLARIFICATIONS:** Clarifications shall be written correspondence between the bidder and the purchaser. A clarification shall include the page number, paragraph number, the text with unclear content (as written in the specification) and the definition of the clarification provided.

The Purchaser's clarifications shall be documented in writing and distributed to all qualified bidders at least two business days prior to the deadline for bid submission.

**EXPLANATION OF EXCEPTIONS:** Bidders may take exceptions to any part of the bid contained herein with a written itemized schedule. The schedule shall include the page number, paragraph number(s), the text that the bidder feels he cannot comply with and an explanation why the bidder feels that the requirement is not in the best interest of the purchaser AND/OR an alternate bidder solution. Alternate bidder solutions may be considered by the purchaser, if the bidder can show the purchaser that the alternate solution is, in quality and quantity, equal to OR better than the specified item. Explanations of exceptions taken must be documented and submitted with the bid proposal on or before the bid submission deadline.

### PURCHASER'S INTENT

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The intent of the specifications supplied herein is to purchase an ambulance with the highest level of quality and engineering excellence. The intent of this vehicle is centered on the patient's need for pre-hospital care, in conjunction with a safe working environment for the Emergency Medical Personnel.

### **NO ALTERNATE BIDS TAKING TOTAL EXCEPTION**

BID PACKAGES SHALL NOT TAKE TOTAL EXCEPTIONS: Bidders are required under this bid invitation to give, for the consideration of the purchaser, a proposal that will comply with the written specifications, drawings, and schedules supplied herein. The specifications supplied represent a compilation of input from all disciplines of users, patients, maintenance and management personnel who are directly affected by the vehicle performance. All the personnel who have direct working contact with the vehicle specified herein base careful consideration pertaining to safety, configuration, construction, and workmanship on working experiences. The intent of this ambulance was created as a result of resolving issues and improvement suggestions that have originated from the personnel most QUALIFIED to make such input.

The purchaser makes no claim that potential issues or improvements are included in the specifications supplied herein. The purchaser will consider any valid concern by any bidder and will consider only minor specification exceptions or alternates of equal or better performance, provided that the exceptions are steered toward meeting the intent AND the exceptions are submitted with the final bid proposal on or before the bid deadline.

**CAUTION:** A bidder who submits a bid that takes "Total Exception" and makes an offering of some "Standard" or "Stock" unit will be viewed by the purchaser as a bidder who did not make, and is not prepared to make, a valid bid, and is not qualified to manufacture the ambulance as specified herein. Alternate bids shall NOT be considered.

### **INTER-AGENCY AGREEMENTS (PIGGY-BACK)**

It is the intent of this bid document to make available to other government entities, by mutual agreement with the successful Bidder, the right to purchase the same or like equipment and or products, at the prices quoted for the period of the contract. Each Bidder shall indicate in the bid proposal, if the Bidder will honor other political subdivision's orders, in accordance with contract terms and conditions. This procedure is sometimes identified as a "Piggy-Back" Bid.

### **VENDOR QUALIFICATIONS**

Regardless of chassis purchased, all bidders shall be members in good standing of the Ford Motor Company Qualified Vehicle Modifier Program (Q.V.M.). Certification verification shall be provided with the bid response. If for any reason

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the Q.V.M. Certification was withdrawn or suspended by Ford Motor Company within the past five years, the bidder shall supply a full written explanation of the Q.V.M. withdrawal or suspension and any corrective actions taken to regain Q.V.M. Certification.

### **PRODUCT LIABILITY INSURANCE**

A Certificate of current liability insurance, with a Ten Million Dollar minimum shall be supplied with the bid submission. The certificate of insurance shall bear the insurance carrier's name, address, and phone number. The Certificate shall also bear the name and address of the insured. This document shall contain the coverage schedule, explaining the type of insurance, the policy number, the effective date of coverage, the policy expiration date, and the individual limits of liability.

### **DRUG FREE WORKPLACE**

The bidder shall conduct business as a Drug Free Workplace. The bidder/manufacture shall provide notice to their employees as required under the Drug Free Workplace Act of 1988. A copy of the bidder's Drug Free Workplace policy shall be furnished to the purchaser upon request.

### **CHASSIS POOL**

The bidder shall be a member of the Ford Motor Company's and/or the General Motor Company's Chassis Bailment Pool, regardless of the chassis specified within this specification. The bidder shall provide a current Ford Motor Company and/or General Motor Company's Pool account number to the purchaser upon request.

### **PRODUCT TESTING**

**AMBULANCE MANUFACTURER'S DIVISION:** The Bidder shall be a member in good standing with the National Truck Equipment Association (N.T.E.A.) and the Ambulance Manufacturer's Division (A.M.D.) of N.T.E.A. The bidder shall supply a letter with the bid response to verify current membership in both the N.T.E.A. and the A.M.D.

### **AMD STANDARD 001: STATIC LOAD TEST**

**A.M.D. 001 - MANUFACTURERS' BODY STRUCTURE TESTING:** The ambulance described herein shall be tested to the National Truck Equipment Association's Ambulance Manufacturer's Division, AMD Standard 001 - Static Load Test, except the test weight shall be at least 32,000 pounds. The test results shall be certified by an independent engineering firm not directly associated with the Ambulance Manufacturer. These certified test results shall be supplied to the purchaser upon request.

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### **KKK-A-1822F TESTING CERTIFICATION**

The bidder shall provide documentation within this bid proposal, which verifies that all KKK-A-1822F testing is current and certified by an independent engineering firm.

### **QUALITY ASSURANCE - SPECIFICATION COMPLIANCE**

The manufacturer shall inspect and test all systems and electrical loads per Federal specification KKK-A-1822F Section 4. Testing results shall be documented and displayed in the oxygen compartment and supplied with the vehicle delivery handbook.

NOTE: The purchaser will have zero tolerance towards bidder/vendors who state compliance to specification, but delivers an incomplete product and/or substandard materials and workmanship.

### **NON-COLLUSIVE BID CERTIFICATION**

By submission of this bid response, the Bidder and/or Bidder's authorized representative(s), certify under penalty of perjury, to the best of their knowledge and belief the following:

A. The prices in this bid response have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other Bidder or with any competitor, and;

B. Unless otherwise required by law, the prices which have been quoted in the bid response have not knowingly been disclosed by the Bidder and will not knowingly be disclosed by the Bidder, prior to the public bid opening, either directly or indirectly to any competitor, and;

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

### **DEBARMENT STATUS**

By submission of this bid response, the Bidder and/or its authorized representatives, certify under penalty or perjury, that to the best of their knowledge and belief they are not currently debarred from submitting bids or bidding on contracts from any agency within the home state of the purchaser, nor are they an agent of any person or entity that is currently debarred from submitting bids on contracts by any agency within the home state of the purchaser.

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### **DELIVERY STATEMENT**

The bidder shall state the number of calendar days required for delivery of the completed ambulance, after receipt of an order and receipt of chassis by the manufacturer.

Delivery shall be within 180 calendar days after receipt of order and receipt of chassis. (State number of calendar days)

### **REQUIRED DELIVERY ITEMS**

REQUIRED DELIVERY ITEMS: Upon a successful bid award, the vendor shall provide the following to the purchaser, upon ambulance delivery:

1. Manufacturer's Quality Assurance Vehicle Testing and acceptance documents.
2. One (1) copy of conversion parts, service, and operational manuals.
3. OEM Chassis Owner's Guide materials as provided by the chassis manufacturer.
4. Two (2) copies of "as built" customized electrical schematics for the ambulance conversion.

### **PURCHASER'S RIGHTS**

ACCEPTANCE OR REJECTION: The Purchaser reserves the right to accept or reject any and all bids as deemed to be in the best interest of the purchaser and is not bound to accept the lowest bid.

BID PROPOSAL TIME LIMITS: All bids submitted to the purchaser shall remain in effect for a minimum period of (45) forty five calendar days.

BID WITHDRAWAL: Only written bid withdrawal requests will be accepted by the purchaser. Bid withdrawals received less than (3) three working days prior to the advertised bid opening will not be accepted.

### **FORCE MAJEURE**

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

Any preference or priority of an allocation order duly issued by a government agency.

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Unforeseeable cause beyond the control and without the fault, of the ambulance manufacturer, or acts of God or of the public enemy, acts of the purchaser, acts of another contractor in the performance of a contract with the purchaser, 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.

One (1)  
00-01-0232

TYPE I - AMBULANCE - CHIEF XL I - 72" INTERIOR HEADROOM

Y\_\_\_N\_\_\_

SPECIFICATION INTENT: Type I 169-inch module, constructed with not less than a 72-inch interior module height, an overall length of 301.5-inches, an overall width of 98-inches and an overall exterior height not to exceed 110-inches.

One (1)  
10-01-0175

CHASSIS - FORD F-450 CHASSIS, 189" WB 4 x 4

Y\_\_\_N\_\_\_

**F4H 2015 FORD F450 CHASSIS CAB, 189"WB 4x4 DRW (108 C.A.)**

### **POWERTRAIN / FUNCTIONAL**

- Alternators dual heavy duty
- Axle - Front mono-beam axle w/coil spring suspension
- Axle Rear limited slip (4.10 ratio)
- Batteries Dual 750 CCA
- Brakes 4-wheel disc Anti-Lock Braking System (ABS)
- Electronic-Shift-On-The-Fly (ESOF)
- Engine - 6.7L 4 Valve OHV Power Stroke® Diesel V8
- Engine block heater
- Fuel Tank 40 Gallon
- Shock absorbers Heavy Duty gas
- Spare tire & wheel, includes jack
- Springs, rear auxiliary
- Stabilizer bars Front & Rear
- Stationary elevated Idle Control (SEIC)
- Steering damper
- Steering power
- Tires LT225/70Rx19.5G Continental HDR
- Transmission Torqshift ®6 speed SelectShift automatic w/overdrive

### **EXTERIOR**

- Bumper front, chrome
- Door handles - black
- Fender vents front
- Glass Privacy
- Grille chrome - 2 bar
- Headlamps dual beam jewel effect
- License plate bracket
- Lights roof/marker clearance lights
- Light under hood service light

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- Mirrors manually telescoping trailer tow mirrors w/power heated glass, heated convex spotter mirror & integrated clearance lights / turn signals
- Tow hooks (2) front
- Wheels 19.5" argent painted steel
- Window rear manual sliding with privacy glass
- Vermillion red paint

### **INTERIOR**

- Air conditioning manual
- Air conditioning vents black w/chrome ring
- Audio - AM/FM stereo w/digital clock/single CD/MP3 player & 4 speakers, Auxiliary audio input jack
- Convenience - Auxiliary power point, Coat hooks, RH/LH color coordinated, Dash-top tray, Dome lamp w/dual map lights, RH/LH door activated & I/P switch operated w/delay, Grab handles, Roof ride handles - front passenger
- SYNC® Voice activated communication and entertainment system with 911 Assist® and vehicle health reports and compass
- Cruise control (steering wheel mounted)
- Door trim soft armrest/grab handle, upper and lower map pockets & reflector
- Floor covering black floor mat
- Headliner color coordinated molded cloth
- Hood release
- Horn dual electric
- Instrument panel color coordinated w/glove box, (4) air registers w/positive shutoff, power point, and (4) upfitter switches
- Multifunction switch message center w/ice blue lighting (three button message control on steering wheel)
- Mirror rearview 11.5" day/night
- Outside Temperature Display
- Power equipment driver window, door locks & windows w/backlit switches & accessory delay
- 1-Touch up and down driver/passenger window
- Scuff plates color coordinated
- Seat Cloth 40/20/40 split bench
- Steering wheel black urethane w/tilt
- Sun visors color coordinated vinyl, single driver w/covered mirror, single passenger w/covered mirror
- Windshield wipers interval control

### **SAFETY / SECURITY**

- Air bag- Driver & passenger, Frontal and side air bag/curtain, passenger side air bag deactivation switch
- Belt-Minder®- chime& flashing warning light on I/P if belts not buckled
- Safety Belts color coordinated w/height adjustment (front outboard seating positions only)
- Remote keyless entry & perimeter anti-theft alarm
- SOS Post Crash Alert System
- SecuriLock Anti-Theft ignition
- MyKey

### **WEIGHT RATINGS**

Front Gross Axle Weight Rating 7000



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Rear Gross Axle Weight Rating	12000
Gross Vehicle Weight Rating	16,500

### ADDITIONAL OPTIONS

F1	Vermillion Red
3S	Steel Cloth 40/20/40
653A	Preferred equipment package
XLT	Trim Package
47L	Ambulance Prep Package
98R	Operator Commanded Regeneration (OCR)

One (1) 20-10-0099	FUEL TANK - FULL UPON FACTORY RELEASE	Y___N___
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The chassis fuel tank of the completed unit shall be full at time of release from the ambulance manufacturer's facility.

One (1) 20-10-0103	SUSPENSION - LIQUID SPRING	Y___N___
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A **CLASS®**, or Compressible Liquid Adaptive Suspension System, shall be provided and installed. Utilizing a strut, with a compressible fluid as the spring/damping medium, and its sophisticated on-board microprocessor, **CLASS®** adapts the entire vehicle's response to road variations and the driver. Unlike current steel and air sprung suspension systems, **CLASS®** can automatically and instantaneously change the spring stiffness and damping at each wheel over a very broad range with minimal power consumption while the vehicle is being driven and without driver intervention. The system shall include an automatic lowering feature, which is activated by opening the rear patient compartment doors. There shall be a switch near the rear doors which will defeat the lowering feature.

One (1) 20-10-0206	BATTERY - FOUR SYSTEM - F SERIES CHASSIS	Y___N___
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The vehicle shall have a 12 V four (4) battery system rated at 3000 cold cranking amps. Two batteries shall be securely installed in the Ford OEM locations, under the vehicle hood and two installed in a slide out tray in the battery compartment

One (1) 20-10-0603	ENGINE BLOCK HEATER - OEM PLUG	Y___N___
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An engine block heater shall be included in the chassis with the 125 VAC power cord, located under the hood.

One (1) 20-20-0124	FLOOR CONSOLE - ANGLED FRONT - REMOVABLE PLATES - ALUMINUM	Y___N___
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A center floor console manufactured out of aluminum and covered in a black onyx scratch resistant, multi-use polychromatic coating with a clear epoxy finish shall be installed in the cab. The console shall include a raised area to accommodate the Weldon Vista display on a hinged adjustable mount. The lower portion of the console shall consist of a flat area that shall contain the siren, two (2) drink holders, and then to the rear center a recessed storage area for maps and reports. The console face plates shall be removable for accessibility and serviceability.

One (1) SP-01-0030	CUSTOM CONSOLE	Y___N___
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### Section A Top flat

A center floor console manufactured out of aluminum and covered in a black onyx scratch resistant, multi-use polychromatic coating with a clear epoxy finish shall be installed in the cab. The console shall include a raised area to accommodate the Weldon Vista display. This raised area has a flat surface and the Vista shall be mounted on the flat service off to the driver side.

### Section B Angled center and Removable.

The center sections is a angled section and shall be removable, the siren is to be mounted to the right side of this section. The intercom shall be mounted to the left side of this section.

### Section C Lower flat removable

The lower portion of the console shall consist of a flat area that shall contain the two (2) drink holders, they shall be mounted in the front part of this section.

### Section D

At the rear of the console a recessed storage area for maps and reports this shall be a large pocket and have a removable divider in the center of it for a partition.

Accommodations for three (3) glove boxes shall be incorporated into the console design with a hinged Plexiglas cover.

The final console design shall be determined at the pre-construction conference.

The console face plates shall be removable for accessibility and serviceability.

A 110V outlet shall be mounted on the floor at rear of the console on the driver's side back floor area.

One (1) 20-20-0201	GRILLE GUARD -LUVERNE  A Laverne Chrome plated grille guard mounted to front bumper to protect the grille and headlamp areas. There shall also be a wrap-around brush fender protectors. 2" Tubular includes (8) clamps for grille lights. #331120 Upright Package, #331123 Ring Assembly. Grill lights shall be mounted on the grill guard.	Y___N___
One (1) 20-20-0251	HEAT SHIELDS  Protective heat shields shall be installed above the exhaust system as recommended by the chassis manufacturer.	Y___N___
One (1) 20-20-0302	LIGHTS FOG, BLUE OVAL  One (1) pair of oval fog lights will be installed. The lights will be equipped with clear lens and blue bulbs. The lights will be activated via switching on the master control center, and only when the OEM headlights are dimmed.	Y___N___
One (1) 20-30-0202	MIRRORS, EXTERIOR OEM MANUAL TELESCOPING W/REMOTE & HEAT	Y___N___

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The chassis shall have OEM telescopic trailer tow mirrors with power adjustable flat heated glass and manual adjustable convex glass.

One (1)  
20-30-0261 OEM AUTO-LOCK DISABLED (cab & module doors do not auto lock or unlock) Y\_\_N\_\_

One (1)  
20-30-0403 TIRE PRESSURE - LED VALVE CAP MONITOR Y\_\_N\_\_

RealWheels LED valve cap tire pressure monitors shall be provided and installed.

This active monitoring system helps you maintain safe tire pressure by providing a quick, easy visual inspection of each tire, alerting of pressure variations with a bright red LED light.

One (1)  
20-30-0806 RUNNING BOARDS - STAR PUNCHED DIAMOND PLATE Y\_\_N\_\_

Aluminum diamond plate running boards with a star punched non-skid surface shall be provided on the cab. The running boards shall be bright dip anodized after they are formed to retain finish and increase corrosion resistance.

One (1)  
20-30-0901 10 STABILIZER BAR FRONT - ROADMASTER Y\_\_N\_\_

A ROADMASTER anti-sway bar system shall be installed on the front of the chassis to provide improved stability and cornering control.

One (1)  
20-40-0206 WHEEL SIMULATORS, STAINLESS STEEL WITH VALVE STEM EXTENSIONS Y\_\_N\_\_

Stainless steel full wheel simulators shall be provided for the front and the outside rear wheels. Air Max valve extensions shall be provided to properly inflate the inner dual rear tires.

One (1)  
30-06-0002 ELECTRICAL SYSTEM - WELDON V-MUX, MICRO PROCESSOR BASED Y\_\_N\_\_

A Weldon V-MUX 100% solid state microprocessor based multiplex system shall be installed to control the electrical functions. The system shall include load management, load shedding, power modulation, load sequencing capabilities and provide on-board diagnostics with real-time status reporting. The system shall consist of one (1) color control console (Vista) in the cab, one (1) color control console (Vista) in the patient compartment, four (4) control nodes (Hercules), and a cab warning display with video input and monitoring capabilities.

One (1)  
30-06-0011 VISTA IV MCC - PUSH BUTTON and TOUCH SCREEN Y\_\_N\_\_

A Weldon V-MUX Vista IV interface module / display screen shall be provided and installed in the cab. The Vista module shall be operated through the use of push buttons and the touch screen.

One (1)  
30-06-0016 VISTA IV ACP - PUSH BUTTON and TOUCH SCREEN Y\_\_N\_\_

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A Weldon V-MUX Vista IV interface module / display screen shall be provided and installed in the patient compartment. The Vista module shall be operated through the use of push buttons and the touch screen.

One (1) 30-06-0026	<b>WARNING DISPLAY - MULTIPLEX ELECTRICAL SYSTEM</b>  A digital warning display shall be integrated into the cab display console and programmed through the multiplex system to provide visual and audible indications for:  Parking brake set condition  Parking brake release condition  Patient status alarm (four color with reset capability)  Individual outside storage compartment "door open" warnings in vehicle outline form.  Low voltage alarm  Low oxygen pressure alarm	Y___N___
One (1) 30-06-0026	<b>KENWOOD- AM/FM/CD/NAVIGATION</b>  The OEM AM/FM radio shall be replaced with a Kenwood DNX571HD AM/FM/CD/Navigation in dash radio.	Y___N___
One (1) 30-06-0050	<b>DAYTIME RUNNING LAMPS - MULTIPLEX ELECTRICAL SYSTEM</b>  Headlights shall be activated at 30% intensity, for day time operation, when transmission is placed in drive, as a feature of the multiplex system. (if not standard on the chassis)	Y___N___
One (1) 30-06-0076	<b>MASTER CONTROL CONSOLE (MCC) - MULTIPLEX ELECTRICAL SYSTEM</b>  A floor mounted Master Control Console (MCC) shall be located in the cab. The console shall house the siren and the color microprocessor display screen, which will control all the Emergency Warning functions as well as also being able to control the Patient Compartment lighting and module heat/ac functions.	Y___N___
One (1) 30-06-0101	<b>ATTENDANT CONTROL PANEL (ACP) - MULTIPLEX ELECTRICAL</b>  The Attendant Control Panel (ACP) shall contain a color micro-processor screen, which will control all equipment installed in the patient compartment.	Y___N___
One (1) 30-06-0126	<b>ELECTRICAL COMPARTMENT (PDQ) - MULTIPLEX ELECTRICAL SYSTEM</b>  The Power Distribution Quarters (PDQ) shall hold electrical components, (i.e. power distribution nodes, circuit breakers, etc). The electrical compartment shall be enclosed with a lockable, hinged door, located on the partition wall behind the attendant seat.	Y___N___
One (1) 30-06-0150	<b>SPARE CIRCUIT - MULTIPLEX ELECTRICAL SYSTEM</b>  One (1) spare 15 amp circuit shall be provided.	Y___N___

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One (1) 30-06-0175	WIRING HARNESS CONNECTORS - MULTIPLEX ELECTRICAL SYSTEM  All wiring harnesses shall be connected via quick connect circular plug connectors.	Y___N___
One (1) 30-06-0200	RADIO TIE-IN POINTS - MULTIPLEX ELECTRICAL SYSTEM  Radio tie-in points shall be installed and labeled in the lower area of the electrical compartment. The radio tie-in points shall be comprised of insulated terminal stud blocks with one "battery hot" and one "ignition hot".	Y___N___
One (1) 30-06-0225	EMERGENCY MASTER SWITCH - MULTIPLEX ELECTRICAL SYSTEM  A single emergency master switch shall be supplied for activating all the emergency warning lights and shall be provided on the master control console screen. The emergency master switch will activate the module power automatically. There shall also be an Emergency Master Menu button which shall allow access to individual warning light functions.	Y___N___
One (1) 30-06-0250	CONTROL PANEL SWITCHES - MULTIPLEX ELECTRICAL SYSTEM  The switches on the master control console and attendant control panel screens shall have dimmable perimeter backlighting for easy identification.	Y___N___
One (1) 30-06-0275	MODULE POWER SWITCH - MULTIPLEX ELECTRICAL SYSTEM  A module power switch for the electrical system shall be provided on both the master control console and the Attendant Control Panel screens.	Y___N___
One (1) 30-06-0285	MODULE DISCONNECT - MULTIPLEX ELECTRICAL SYSTEM  An In-Power disconnect with a built-in adjustable timer shall be installed to keep the module power switch engaged for five minutes, after the ignition is switched to the "off" position. This disconnect can also be activated from the side and rear doorways to turn on the fluorescent check-out lights.	Y___N___
One (1) 30-06-0300	VOLTMETER - MULTIPLEX ELECTRICAL SYSTEM  One (1) digital voltmeter shall be provided on the master control console screen.	Y___N___
One (1) 30-06-0325	FLASHER - MULTIPLEX ELECTRICAL SYSTEM  The flasher shall be provided within and programmed by the multiplex electrical system.	Y___N___
One (1) 30-06-0350	FLASHING HEADLIGHTS - MULTIPLEX ELECTRICAL SYSTEM  The headlights (high beams) shall be programmed through the multiplex system to alternate flash (wig-wag), activated by a switch on the master control console screen labeled "Flashing Headlights", with the ignition on and module power and emergency master switches enabled. The flashing headlights are to be disabled when the low or high beams are activated. They are also disabled when the transmission is placed in the	Y___N___

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neutral/park position. The flashing headlights shall have the capability to be reactivated with the "park override" switch in the "on" position if the low and high beams are off.

One (1) 30-06-0375	PARK OVERRIDE - MULTIPLEX ELECTRICAL SYSTEM	Y___N___
	A park override switch, located on the master control console screen, shall reactivate all lights disabled when the transmission is placed in the neutral/park position.	
One (1) 30-06-0400	LOAD MANAGER-SEQUENTIAL SWITCHING SYSTEM - MULTIPLEX ELECTRIC	Y___N___
	The load manager-sequential switching system shall be controlled by the microprocessor based electrical system. The emergency master switch shall control the sequential switching of the emergency lights and/or other warning devices. The load manager shall automatically shed not-critical electrical loads during low voltage conditions to help prevent electrical system overload when the vehicle is stationary and the transmission is in the park position.	
One (1) 30-06-0425	WARNING LIGHTS SWITCH - MULTIPLEX ELECTRICAL SYSTEM	Y___N___
	All flashing module warning lights shall be operated from a single switch on the master control console screen, labeled "flashers".	
One (1) 30-06-0450	FRONT CLEAR DISABLE SWITCH - MULTIPLEX ELECTRICAL SYSTEM	Y___N___
	Activation of the switch on the master control console screen shall disable all forward facing clear warning lights.	
One (1) 30-06-0475	CURBSIDE SCENE LIGHTS "ON" WITH CURBSIDE DOOR - MULTIPLEX EL	Y___N___
	The curbside scene lights shall be programmed to activate when the curbside door is in the open position.	
One (1) 30-06-0500	REAR SCENE LIGHTS "ON" WITH REAR DOORS OPEN - MULTIPLEX ELEC	Y___N___
	The rear scene lights shall be programmed to activate when the rear doors are in the open position.	
One (1) 30-06-0525	DISABLE SWITCH FOR REAR SCENE LIGHTS - MULTIPLEX ELECTRICAL	Y___N___
	A disable switch shall be installed at the rear door area to disable the rear scene lights.	
One (1) 30-06-0550	DISABLE SWITCH FOR SIDE SCENE LIGHTS - MULTIPLEX ELECTRICAL	Y___N___
	A disable switch shall be installed at the curbside door area to disable the curbside scene lights.	
One (1) 30-06-0575	REVERSE (TRANSMISSION) FUNCTIONS - MULTIPLEX ELECTRICAL	Y___N___
	The system shall be programmed to provide activation for the rear outboard warning lights, the rear side warning lights, the rear scene lights, and the rear side scene lights, when the transmission selector lever is placed into "reverse" position.	

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One (1) 30-10-0012	AIR HORNS - BUELL DUAL TRUMPETS 10" & 12", UNDR BMPR W/SW  A Buell air horn system with dual trumpets, one (1) 10" and one (1) 12", shall be mounted under the front bumper, one (1) each side. The compressor shall be installed in OSS #2. The air horns shall be activated by a push button switch located on the MCC (master control console).	Y___N___
One (1) 30-10-0030	BACKUP ALARM  An (OSHA approved) back up alarm shall be installed with disable switch for silent backing. The disable switch shall be located on the MCC (master control console). The back up alarm system shall automatically reset to the "on" mode when the transmission is taken out of reverse.	Y___N___
One (1) 30-10-0069	PROGRAMMING  Side scene lights shall be activated when compartment doors are opened and night connected to the park lights when activated	Y___N___
One (1) 30-10-0071	CAMERA REAR VIEW - SINGLE SYSTEM - VISTA SCREEN  A color camera system connected to the cab Vista display screen shall be installed, providing rear view monitoring to the rear exterior of the module. The camera shall be connected to the video input provided in the cab's Vista screen. This camera image shall automatically be displayed on the MCC Vista when the vehicle is placed in reverse. The Vista shall resume normal operation when the vehicle is taken out of reverse.	Y___N___
One (1) SP-01-0038	MOBILE HOTSPOT WIFI  A Verizon Jet Pack MiFi 5510L 4GLTE mobile hotspot shall be included with the vehicle.	Y___N___
One (1) 30-10-0090	BATTERY VOLTAGE INDICATOR LIGHT- KUSSMAUL-LED BAR GRAPH  A Kussmaul battery voltage indicator light will be installed on the module and located near the shoreline inlet. The indicator shall give a lighted LED bar graph type indication of the amount of voltage contained in the 12 volt battery system. (Accurate battery Voltage read out is obtained when the vehicle is not started and shoreline is disconnected)	Y___N___
One (1) 30-10-0093	SHORELINE INDICATOR LIGHT- Allied Red MINI LED - EXTERIOR MOUNTED  An Allied red Mini LED indicator light will be installed on the module and located near the shoreline inlet. The indicator shall illuminate when shoreline power is present at the outlet.	Y___N___
One (1) 30-10-0110	ELECTRICAL CIRCUITS  All electrical circuits shall have wiring and circuit protection suitable to the demand and must meet the national electric code (NEC) wiring requirements.	Y___N___

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All added on wiring (18 GA through 10 GA) shall be color coded and stamped with code numbers and functions every 4" for easy identification (all other wiring shall be color coded). SLX high temperature thermoplastic cross link wire shall be used.

SGX insulated cable shall be used for all under hood / underbody battery and charging system cable. High temperature (375° f) thermoplastic loom shall be used on all harnesses.

One (1)  
30-10-0190      GROUND FAULT CIRCUIT INTERRUPTER (GFCI)      Y\_\_N\_\_

A 125 VAC, 20 AMP circuit breaker with ground fault circuit interrupter (GFCI) electronic ground leakage detection shall be installed in the load center for the shoreline circuit.

One (1)  
30-10-0230      INTERCOM SYSTEM - FIRE RESEARCH (ICA 100)      Y\_\_N\_\_

A Fire Research intercom system (ICA100) shall be provided above the CPR seat in the angled section between the LED lights. The intercom shall provide hands free operation in the patient compartment, this station is always in transmit mode unless interrupted by a transmission from the master station. The master intercom unit shall be mounted in the cab. The cab shall be able to constantly monitor the patient compartment. The cab monitor shall have volume control knob and a "push to talk" button, enabling communication back to the patient compartment.

One (1)  
30-10-0262 10      INVERTER, VANNER - 1050 WATT, #20-1050CUL-DC CHARGER      Y\_\_N\_\_

A Vanner 20-1050CUL-DC, 1050 watt inverter with battery conditioner/charger, with remote switch, shall be provided and installed.

One (1)  
30-10-0292      LIGHT, ATTENDANT CONTROL PANEL AREA - LED - WARM WHITE/RED COMBO      Y\_\_N\_\_

A Tecniq Silho-X 2.75" round warm white/red comb LED light with SS trim ring, shall be mounted above the left wall forward action area counter. The light shall be operated through the a button on the ACP Vista screen labeled "Attendant Light"

One (1)  
SP-01-0004      MINI LED CABINET LIGHTS      Y\_\_N\_\_

A 12 VDC light shall be located in the electrical compartment. The light shall be wired "battery-hot" to activate when the power distribution quarter's door is in the open position. The light shall be off when the door is in the closed position. Flexible cut to length LED lighting strips shall be installed on the upper outer length of each interior cabinet including the ALS cabinet. These lights shall illuminate automatically when the dome lights come on. A separate switch shall be located in the VISTA IV screen to control these lights independent of the dome lights.

One (1)  
30-10-0392      LIGHT, MAP LIGHT LED 18" WITH FLEXIBLE NECK & RED/WHITE LED      Y\_\_N\_\_

A Littlite® (LF18TSB-LED) LED high intensity map light shall be installed on the console located in the chassis cab.

Littlite® is a sleek, low profile gooseneck lamp that efficiently produces light in a concentrated area and can easily be aimed exactly where you need it. Made of sturdy

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metal and finished in durable black, baked enamel. The stylish, finned hood dissipates heat and extends surface life. The units are equipped with a permanently attached gooseneck that extends from either the end or top of the chassis and are controlled by an on/off switch.

LED Littlite lamps for console lighting are composed of red and white LEDs, which eliminate the need for a red filter. LED units offer choice of Red or White light from toggle switch selector

One (1) 30-10-0412	LIGHT OSS COMPARTMENT - LED ROPE  Each outside storage compartment shall be equipped with LED rope lighting which shall be located across the top and down both sides of the door opening, activated by a magnetic switch.	Y___N___
One (1) 30-10-0427 20	LIGHT INTERIOR OF REAR FACING EXTERIOR DOORS, - two (2) RED 500 LED PER DOOR  Two (2) Whelen 500 Series red (5mm) LED light with chrome flange shall be installed on the interior of all rear facing exterior compartment and patient entry doors. One light shall be located in lower outer corner while the other is in the upper outer corner. The lights shall random flash upon door opening and not be blocked by any mounts or brackets installed.	Y___N___
One (1) 30-10-0431	LIGHT, STEPWELL - CURBSIDE DOORWAY - 2" LED SURFACE MNT  A Whelen 2" round LED light shall be installed to illuminate the step well at the curbside doorway.	Y___N___
One (1) 30-10-0436	LIGHT INTERIOR OF REAR FACING PASSAGE DOORS, - WHELEN TIR3 RED LED (4) (HORIZ)  Four (4) Whelen TIR3 (horizontal mount) Red LED lights shall be installed, two (2) each on the rear passage door interior panels. The lights will be located in the lower-outer corners, and upper outer corners, with doors in the opened position. The lights shall flash with the rear passage doors open.	Y___N___
Two (2) 30-10-0450	LIGHT, STREAMLIGHT LITEBOX 45107 AND 12V CHARGER BASE  A stream light #45107 orange LiteBox rechargeable flashlight and 12 VDC charger base shall be installed in OSS #2. Match the exact location of the current Seward Fire and Rescue existing vehicle.	Y___N___
One (1) 30-10-0461	LIGHT, SPOTLIGHT - HAND-HELD - OPTRONICS - BLUE EYE  One (1) 12 VDC #KB-4003 hand-held spotlight with a 400,000 candle power "blue eye" bulb, 10 foot coil cord, and momentary switch shall be provided. The spotlight shall be hard wired to the cab master control console. A black ABS vacuum-formed spotlight holder shall be shipped loose with the completed ambulance.	Y___N___
One (1) 30-10-0477	LIGHTS, DOME LED (10) Whelen	Y___N___

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Ten (10) Super LED dome lights, Whelen #80C0EHCR, shall be provided in the patient compartment. The dome lights shall be controlled by separate switches for the left bank and right bank of lights. The dome lights shall be activated by switches on both the attendant control panel and the master control console. The dome lights shall be illuminated at 50% power whenever the patient compartment side or rear doors are opened.

One (1)  
30-10-0490      LIGHTS, RECESSED GROTE LED PANEL (2) CURBSIDE - ANGLED      Y\_\_N\_\_

Two (2) 12 VDC powered Grote 10 diode LED WhiteLight™ recessed lights shall be mounted on the curbside. These lights shall be three way switched from the attendant control panel and the master control console.

One (1)  
30-10-0491      LIGHTS, RECESSED GROTE LED PANEL (5) STREETSIDE - ANGLED      Y\_\_N\_\_

Five (5) 12 VDC powered Grote 10 diode LED WhiteLight™ recessed lights shall be mounted on the streetside. These lights shall be three way switched from the attendant control panel and the master control console.

One (1)  
30-10-0492      LIGHTS, LED FLEXIBLE TAPE LIGHTING - AISLE      Y\_\_N\_\_

Two (2) 12 VDC powered Vista Fexi-Tape LED lighting strips shall be installed in Vista Ultra Channel 4" off the floor on the streetside and curbside of the patient compartment aisle. These lights shall be illuminated with the dome lights and have separate switching in the ACP Vista.

One (1)  
30-10-0502      LIGHTS, INTERIOR - WHELEN MINI LED BRAKE/TURN REAR HEADPAD      Y\_\_N\_\_

Brake and Turn signal indicator lights shall be installed on the interior rear headpad of the vehicle and wired to the applicable flasher on the vehicle.

One (1)  
30-10-0536      OUTLETS, 125VAC - SEVEN (7) INTERIOR DUPLEX      Y\_\_N\_\_

Seven (7) 2-wire +plus ground 125 VAC hospital-grade duplex outlets shall be installed in the patient compartment with wiring connected to the shoreline. Three (3) outlets shall be installed in the street side cabinet action area, two (2) forward (match existing locations) and one (1) rearward, to supply 125 VAC to the monitoring equipment. One (1) outlet shall be installed in the lower front wall cabinet, one (1) shall be installed on the curbside wall near the foot of the squad bench, one (1) in the cab at the rear of the console, and one (1) in the recessed area for the Stryker battery charger. An indicator lamp shall be located within each 125 VAC outlet as a line monitor to indicate a live circuit. The outlets shall be labeled, "125 VAC".

One (1)  
30-10-0560      OUTLETS, 12VDC - THREE (3) INTERIOR POWERPOINT      Y\_\_N\_\_

Three (3) 12 VDC power point outlets shall be installed in the patient compartment, one (1) in the front wall equipment area, and one (1) in the attendant control panel area in the street side cabinet and one (1) outlet shall be installed in streetside cabinet #10. The outlets shall be labeled, "12 VDC". A Schottky diode medical isolator shall be provided to protect the 12 VDC outlets.

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One (1) 30-10-0662	<b>RADIO ANTENNA BASES - THREE (3)</b>  Three (3) antenna bases with attached coax cables shall be installed on the module roof. Two (2) of the coax cables shall terminate in the PDQ, one (1) of the coax terminations to be terminated in the MCC. Access to the antenna bases shall be through adjacent module interior dome lights.	Y___N___
One (1) 30-10-0670	<b>RADIO TIE-IN POINT - (1) 12V/25 AMP - CAB CONSOLE AREA</b>  One (1) set of 12 volt /25 amp radio tie-in points shall be installed in the cab console area of the unit. The set shall include one (1) "Battery Hot", one (1) "Ignition Hot", and one (1) "Grounded" junction stud.	Y___N___
One (1) 30-10-0723	<b>RECEPTACLE SHORELINE INLET-SUPER 20 AMP, AUTO EJECT</b>  A Kussmaul super auto eject shoreline inlet receptacle with red cover shall be installed on the module exterior (forward street side) near the driver's door. The receptacle shall be equipped with an integral dynamic disconnect.  The 125 VAC, heavy duty 20-amp circuit breaker shall have GFCI protection and shall be connected to the lighted 125 VAC patient compartment outlet(s). A mating connector shall be shipped loose with the completed ambulance.	Y___N___
One (1) 30-10-0741	<b>HOWLER - SIREN &amp; SPEAKER SYSTEM</b>  The Whelen Howler siren and speaker system shall be provided and installed. The Howler works with the siren amplifier to provide deep, low frequency tones, which are able to penetrate other vehicles, alerting drivers and pedestrians of your approach	Y___N___
One (1) 30-10-0753	<b>SIREN, WHELEN 295-HFSA7-REMOTE WITH MICROPHONE</b>  A Whelen 295-HFSA7 remote dual siren amplifier shall be flush-mounted in the master control console located in the cab. The siren shall be capable of hands-free operation and shall be equipped with a noise canceling microphone. Some features of this siren include:  <b>DUAL 200 WATT, FLUSH MOUNT SIREN with REMOTE SIREN AMPLIFIER</b> <ul style="list-style-type: none"><li>• Six function siren plus radio repeat and public address.</li><li>• Operates two 100-watt speakers.</li><li>• Operates in dual (outputs 2 independent siren tones creating rich harmonic dual tone sound) or mono sound modes.<ul style="list-style-type: none"><li>• External dip switch programmable siren tones.</li><li>• PTT (push to talk) switch on microphone overrides all siren functions.</li></ul></li><li>• Removable unidirectional microphone with adjustable microphone volume &amp; adjustable preset radio repeat volume.<ul style="list-style-type: none"><li>• SI TEST®, silent diagnostic test.</li><li>• Quick disconnect plug for ease of service or replacement.</li></ul></li></ul> <b>12 Siren Tones</b> <ul style="list-style-type: none"><li>• Airhorn • Wail • Yelp • Piercer • Manual Coast to Stop</li><li>• Manual • Mechanical Coast to Stop • Hi/Low • Yelp 249</li></ul>	Y___N___

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• Warble • Whoop • Mechanical Tone

One (1) 30-10-0803	SIREN SPEAKERS, CAST PRODUCTS - IN FRONT BUMPER  Two (2) Cast Products - 100-watt siren speakers, shall be installed in the front bumper.	Y___N___
One (1) 30-10-0901	SYSTEM ACTIVE AND CHECK OUT LIGHTS - 5 MINUTES  A switch shall be located at the curb and rear entry doors that will allow activation of the V-MUX electrical system. There shall also be a check out light switch located at the curb and rear doors that will allow activation of the left fluorescent lights prior to entering the module. The system shall be programmed to shut down automatically after 5 minutes unless the ignition is on. This shutdown delay shall be user adjustable.	Y___N___
One (1) 30-10-0908	TEMPERATURE SENSOR - EXTERIOR - V-MUX  An exterior temperature sensor shall be provided and installed in the grille area of the chassis. The Master Tech shall be programmed to display the outside temperature reading on the Vista display screens located in both the cab and the patient compartment.	Y___N___
One (1) 30-10-0921	MOTION SENSOR FOR INTERIOR SYSTEMS  A motion sensor shall be installed to activate the electrical system and turn on the checkout lighting upon entering the module of the vehicle.	Y___N___
One (1) 30-25-0102	LIGHTS, ICC / LED CLEARANCE - WITH CHROME BEZELS ON MODULE SIDE  The vehicle shall have surface mounted Peterson MFG LED clearance / ICC lights with chrome bezels: one (1) red on each side at the rear of the vehicle which will also function with the turn signals.	Y___N___
One (1) 30-25-0103	LIGHTS, ICC / LED CLEARANCE - WITH CHROME BEZELS ON MODULE FRONT  The vehicle shall have five (5) amber surface mounted Peterson MFG LED clearance / ICC lights with chrome bezels on the front of the module near the roof line.	Y___N___
One (1) 30-25-0104 10	LIGHTS, ICC / LED CLEARANCE - WITH CHROME BEZELS ON MODULE REAR  The vehicle shall have five (5) red surface mounted Peterson MFG LED clearance / ICC lights with chrome bezels on the rear of the module near the roof line.	Y___N___
One (1) 30-25-0204	LIGHTS, RUNNING BOARD - WHELEN- (2 inch round) T0CACCCR - LED  One (1) pair of Whelen white T0CACCCR LED lights with black grommets shall be installed one (1) each side, low on the module front, as running board lights. The lights shall activate with the cab door switches.	Y___N___
One (1) 30-25-3112	LIGHTS, FRONT GRILLE - (4) WHELEN 500 SUPER LED – RED AND BLUE W/CLR LENS	Y___N___

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Four (4) Whelen 500 series super LED warning lights, with clear lenses and waterproof connectors shall be installed in the grille area of the chassis. The lights shall operate from a switch on the master control console labeled "Flashers". These light will flash in an "X" pattern. Light pattern is to be:  
Passenger side is Blue over Red and Driver side Red over Blue.

One (1) 30-25-4108 30	LIGHTS, FRONT MODULE WARNING - WHELEN (7) 900 LED W/ CLR LENS  Seven (7) Whelen 900 series super LED warning lights with chrome bezels shall be installed on the module front. There shall be six (6) red / Blue with Clear lens and one (1) center clear light. The lights shall operate from a switch on the master control console, labeled "Flashers". programmed to have all blues together, then all red together.	Y___N___
One (1) 30-25-4502	LIGHTS, FRONT MODULE TURN SIG - WHELEN 600 LED ARROWS AMBER  One (1) pair of Whelen 600 LED amber turn arrows in chrome bezels shall be mounted on the front of the module under the warning lights.	Y___N___
One (1) 30-26-2002	LIGHTBAR, REAR MODULE - WHELEN #TAL-85 LED ARROW DIRECT  A Whelen # TAL-85 LED directional arrow light bar shall be installed on the rear of the module. The directional arrow light bar shall have a multi-function controller mounted in the OEM chassis cab. The directional arrow light bar shall be configured with turn arrow filters on each end of the bar.	Y___N___
One (1) 30-26-3008	LIGHTS, REAR TAIL - WHELEN 600 LED STOP, TURN, & MINIMUM INTENSITY BACK-UP  One (1) pair each of Whelen 600 series LED stop/tail lights, turn lights, and MINIMUM intensity LED back-up lights with chrome bezels shall be installed on the rear of the module.	Y___N___
One (1) 30-26-5004 10	LIGHTS, REAR WINDOW-LEVEL - WHELEN (2)900 SUPER LED -BLUE/RED  Two (2) Whelen 900 series red/blue super LED warning lights with Clear lenses and chrome bezels shall be installed on the rear of the module at window level, one (1) on each side. Brakes shall override the red with Red at Bottom  These lights shall operate from a switch on the master control console, labeled "Flashers".	Y___N___
One (1) 30-26-6010 30	LIGHTS, REAR MODULE WARNING-WHELEN (5) 900/700 LED  Two (2) Whelen 900 series red / Blue super LED warning lights with clear lens, two (2) Whelen 700 series LED scene/load lights, and one (1) Whelen 700 series amber super LED warning light with clear lens shall be installed on the rear of the module. The lights shall be installed with chrome bezels and shall be operated from switches on the master control console labeled "Flashers" and "Rear Scene Lights".	Y___N___
One (1) 30-26-7002	LIGHT, LICENSE PLATE LED	Y___N___

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One (1) Whelen OACOEDCR LED license plate light with 45 deg angled chrome-plated bezel shall be installed on the rear of the module, lower left side.

One (1)  
30-27-1113 LIGHTS, INTERSECTION FRONT - WHELEN 700 SUPER LED -SPLIT RED/CLEAR Y\_\_\_N\_\_\_

Two (2) Whelen 700 series super LED split red / clear warning lights, with clear lens and water-proof connectors, shall be mounted, in 15 degree tilt housings on the front chassis fenders, one (1) on each side. The lights shall operate from a switch on the master control console labeled "Flashers".

One (1)  
30-27-2008 10 LIGHTS, SIDE MODULE SCENE - WHELEN 900 24 DIODE LED - CLEAR Y\_\_\_N\_\_\_

Four (4) Whelen 900 series (clear 2-40° light spread) 24 Diode LED scene lights with chrome flanges shall be installed, two (2) each module side, inboard of the warning lights. These lights shall operate from switches on the master control console labeled "Left Scene Light" and "Right Scene Light".

One (1)  
30-27-2012 LIGHTS, SIDE MODULE FLOOD (2) - WHELEN PIONEER LED DUAL Y\_\_\_N\_\_\_

Two (2) Whelen Pioneer Super LED (PCP-2) dual lamp floodlight and spotlight with (PBA203) chrome trim ring shall be installed, one (1) each module side in the center position. These lights shall operate from switches on the master control console labeled "Left Flood" "Left Spot" and "Right Flood" Right Spot".

One (1)  
30-27-3006 LIGHTS, SIDE MODULE WARNING - WHELEN 900 LED-RED/BLUE W/CLR LENS Y\_\_\_N\_\_\_

Four (4) Whelen 900 series red/blue super LED warning lights with clear lenses and chrome bezels shall be installed, two (2) each module side, outboard of the side module scene lights. These lights shall operate from a switch on the master control console labeled "Flashers".

One (1)  
30-27-4118 LIGHTS, INTERSECTION REAR - WHELEN 700 SUPER LED -SPLIT RED/CLEAR Y\_\_\_N\_\_\_

Two (2) Whelen 700 series super LED split red / clear warning lights with clear lenses, chrome bezels and water-proof connectors, shall be installed above the rear wheel wells, one (1) on each side. These lights shall operate from a switch on the master control console screen labeled "Flashers".

One (1)  
30-27-4151 LIGHTS, ABOVE RUB RAIL - TECNIQ LED - 4 EACH SIDE Y\_\_\_N\_\_\_

TecNiq LED lights shall be installed above the rub rail. Four (4) LED's each side, two (2) white LED's and two (2) red LED's equally spaced and alternating in color (red-white-red-white) along the module side, for a total of eight (8) lights. The LED mini clusters shall alternate flash with box warning lights.

One (1)  
SP-CS-0001 MINI LED LIGHTS-REAR KICK PLATE Y\_\_\_N\_\_\_

Install (2) rear mini LED lights on exterior rear threshold under rear doors to come on with opening of rear doors reference drawing #2

One (1)  
39-00-0001 MODULE BODY CONSTRUCTION - SEAMLESS Y\_\_\_N\_\_\_

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The module shall be fabricated entirely of parts cut and formed from .125" (minimum) thickness 5052-H32 flat aluminum sheet stock, using CNC machines capable of .0004" repeatability. This is the only alloy that may be used for body parts that are welded together.

The roll-cage type interior super-structure, aluminum partition and module shall all be welded together into a single unit to give optimum strength for patient and attendant protection. The module roof shall be designed with a minimum 1.5" crown to facilitate water run off.

The floor, roof, sides, and all exterior doors shall be fabricated from .125" (minimum) thick flat aluminum sheet stock. The exterior joints between the roof and side components shall be continuous full seam welded the entire length of the module. All exterior body panel joints shall be continuous full seam welded.

No VHB bonding tape or other adhesives shall be used in the construction of the ambulance module.

One (1) 39-00-0005	AWS ALUMINUM CERTIFIED WELDERS	Y___N___
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AWS Aluminum Certified Welders shall construct the module.

AWS certificates shall be required to be part of the completed bid packet. Bids without AWS certificates shall be considered non-compliant (no Exception).

One (1) 39-10-0003	CONNECTIONS, MODULE	Y___N___
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The module shall be bolted to the chassis frame rail with (12) 5/8" -11 grade 8 bolts through OEM rubber insulating spacers installed on outriggers at twelve (12) separate locations (six each frame rail), providing noise insulation and easy removal for chassis replacement. The frame mounting bolts shall be properly torqued and secured with locktite. The system used for fastening the module to the frame shall be that approved by the chassis manufacturer.

One (1) 40-00-0009	ALUMINUM PARTS - MODULE EXTERIOR	Y___N___
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All unpainted exterior aluminum parts shall be bright dip anodized after fabrication to retain the finish and increase corrosion resistance.

One (1) 40-00-0010	CORROSION MINIMIZATION - MODULE	Y___N___
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All module contact with dissimilar metals shall be minimized with the use of nylon screw-hole inserts to prevent fastener contact with the module body, nylon hinge strips, ceramic coated stainless steel hinge bolts, and ECK brand corrosion inhibitor spray.

One (1) 40-00-0019	DOOR SKINS, OUTSIDE STORAGE COMPARTMENTS - DIAMOND PLATE INTERIOR SKINS	Y___N___
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The interior door skins for all outside storage compartments shall be constructed of .063" thick aluminum diamond plate.

One (1)	DOOR CONSTRUCTION - GASKET PLACEMENT	Y___N___
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40-00-0020

All exterior hinged module doors shall be constructed in an inverted pan-formed design. The pan shall be constructed from .125" thick 5052-H32 flat sheet aluminum. The exterior door skin shall be constructed of .190" thick aluminum and welded to the pan.

Door gaskets shall be attached to the interior side of the door skin. Gaskets attached to interior door frames are not satisfactory and shall not be accepted.

One (1)  
40-00-0030

### EXTERIOR COMPARTMENTS DESIGN

Y\_\_\_N\_\_\_

All exterior compartments shall include these features:

- Sound absorbing slip resistant polyurethane material shall be sprayed on the inside of all compartments and compartment shelving, slide out trays and closeouts.
- Baffled seep holes shall be provided to prevent water from splashing or seeping into the exterior compartments.
- Full-length, two-way adjustable, stainless steel hinges on all exterior compartment doors with 3/16" stainless steel hinge pins.
- Compartment doors shall be installed, flush with the module body.
- When double doors are provided, each door shall have an exterior handle, but only the forward door shall be lockable. (rearward door is secured when forward door is locked). All exterior compartments and passage doors shall be keyed alike.
- Lockable, Eberhard "free-floating" type chrome plated handles with rotary locks. A gasket shall be installed under each handle to protect the paint.
- Drip rails shall be installed above all exterior compartment doors.

One (1)  
40-00-0050

### EXTERIOR COMPARTMENTS, VENTING

Y\_\_\_N\_\_\_

A minimum of nine (9) square inches of venting shall be provided inside the #1, #2, #3, & #4 exterior storage compartments to provide for easier closure of the compartment doors.

One (1)  
40-00-0055

### EXTERIOR COMPARTMENTS, VENTING - OXYGEN STORAGE

Y\_\_\_N\_\_\_

A minimum of nine (9) square inches of venting shall be provided in the exterior oxygen storage compartment, to dissipate any leaking oxygen gas.

One (1)  
40-00-0060

### EXTERIOR COMPARTMENTS - SWEEP-OUT

Y\_\_\_N\_\_\_

Exterior module compartments shall be of a sweep-out design to aid in facilitation of the purchaser's routine care and cleaning of the vehicle.

All exterior compartment floors, with the exception of the front ALS compartment shall be constructed to be flush with the bottom door frame.

One (1)

### HANDLES, EBERHARD - CHROME FREE FLOATING TYPE

Y\_\_\_N\_\_\_

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40-00-0070

Eberhard #EMC-1-2110 chrome "free-floating" handles shall be installed on each exterior module door. The handles shall be large enough to accommodate a gloved hand.

One (1)  
40-00-0080

### INSULATION - POLYURETHANE SPRAY FOAM

Y\_\_\_N\_\_\_

The walls, ceiling, passage doors, outside storage doors, the entire underside of the module floor (except for mounting pads), the underside of the outside storage compartments, the wheel wells, and the underside of the curbside step area shall be completely foam - in - place insulated with nominal 3/4" thick sprayed on class I, urethane foam for thermal and acoustical insulation. The insulation shall comply with FMVSS #302 flame spread requirements. The underside of the body shall be properly prepared to ensure adhesion before the spray insulation is applied.

One (1)  
40-00-0082

### SOUND DEADENING PACKAGE

Y\_\_\_N\_\_\_

Audioguard acoustic coating shall be applied to help reduce structure-born vibrations and associated sound transmission. The entire floor, the left wall, the ceiling, and the left and right panels forward of the partition shall be covered at the manufacturers recommended thickness.

One (1)  
40-00-0084

### ZTECH UNDERCOATING

Y\_\_\_N\_\_\_

The entire underbody (excluding drive shaft, wheels, fuel tank, and 12" either side of exhaust system) shall be sprayed with ZTECH under seal for reduced corrosion.

One (1)  
40-00-0085

### COATING, CERAMIC THERMAL

Y\_\_\_N\_\_\_

Temp-Coat ceramic thermal barrier coating shall be applied to the interior of the module roof after the spray foam application. Material shall be applied to meet or exceed the manufacturers recommended thickness.

One (1)  
40-00-0091

### THRESHOLD, STAINLESS STEEL - EXTERIOR STORAGE COMPARTMENT

Y\_\_\_N\_\_\_

Each exterior storage compartment with a hinged door shall have a stainless steel lower threshold at the door opening to protect the paint as equipment is installed and removed from the compartment.

One (1)  
40-10-0030

### DOCK BUMPERS, REAR

Y\_\_\_N\_\_\_

Formed hard rubber dock bumpers shall be attached to the rear bumper.

One (1)  
40-10-0066

### DOOR SLIDING - MODULE CURBSIDE PASSAGE

Y\_\_\_N\_\_\_

The module body shall include a sliding side entry door to access the curbside of the patient compartment. The door shall slide out and towards the rear of the module body. The door design must meet FMVSS 206 for sliding doors and shall have been cycle tested in excess of 100,000 cycles. The door shall not extend out more than 5 1/4" from the module when in the open position and shall be flush in the closed position. The door shall operate on a total of nine (9) casters and three (3) tracks for ease of operation. The door shall be held closed with two (2) rotary latches and two (2) locking tabs. The door must have a system to prevent the door from self-closing, when unit is parked on an

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incline. A measured force of ten (10) pounds maximum shall be required to release the door from the open to closed position. A chrome locking handle shall be installed on the exterior of the door. The door shall be lockable from the inside and outside and shall shut on molded air-core, automotive type door seals to prevent any water from leaking into the vehicle interior. A drip rail shall be installed above the door.

Three (3) TecNiq mini-LED lights shall be installed on the rear edge of the door to flash when the door is open.

One (1)  
40-10-0088

### DOORS - REAR PASSAGE

Y\_\_\_N\_\_\_

There shall be a 47.50" wide x 59" high rear door opening in the patient compartment. The doors shall be flush without a protruding flange or lip. The right rear passage door shall have a lockable, chrome exterior handle. The left rear door shall have a non-locking, chrome exterior handle. All handles shall be installed with a gasket to protect the paint. The hinge shall be full length stainless steel with a 3/16" stainless steel hinge pin and shall be two-way adjustable. Each rear door shall have a two point slam action automotive type rotary latching system to the body.

The right rear door shall lock to the body at the top and bottom, not to the left rear door. The doors shall have .213" steel door latch activator rods with turn buckle adjusters. The doors shall be lockable from the inside and outside.

All doors shall shut on molded, air-core, automotive type door seals to prevent any water from leaking into the vehicle interior. Each door shall have an access port adjacent to the rotary locks.

The interior door panels of the three patient entry doors shall be constructed of a brushed stainless steel in three (3) piece design.

One (1)  
40-10-0103

### FENDERETTES - POLISHED ALUMINUM

Y\_\_\_N\_\_\_

Polished aluminum fenderettes shall be installed around the rear wheel well openings.

One (1)  
40-10-0112

### FUEL FILL PROTECTOR - STAINLESS STEEL

Y\_\_\_N\_\_\_

A stainless steel fuel fill protector shall be provided and installed.

One (1)  
40-10-0117

### DEF TANK FILL PROTECTOR - STAINLESS STEEL

Y\_\_\_N\_\_\_

A stainless steel DEF tank fill protector shall be provided and installed.

One (1)  
40-10-0120 10

### HOLD-OPEN - REAR DOORS - GRABBERS

Y\_\_\_N\_\_\_

Door grabbers (1 pair) with hard rubber inserts shall be installed on the rear doors, permitting a door hold open position of 180 degrees.

One (1)  
40-10-0151

### SWITCH DOOR UNLOCK - HIDDEN IN FRONT GRILLE AREA

Y\_\_\_N\_\_\_

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An exterior hidden door unlock switch shall also be included and located in the front grille area.

One (1) 40-10-0189 20	LOCKS POWER - PASSAGE, COMPARTMENTS, KEY FOBs  Power door locks shall be included on module passage doors and five (5) outside storage compartments. The locks shall be activated from the interior of the rear door and the curbside doorway, as well as the OEM chassis cab door switches. A keyless entry system shall be installed. The system shall operate with the OEM key fobs to lock/unlock all chassis and module doors.	Y___N___
One (1) 40-10-0200	MUD FLAPS, REAR - BLACK RUBBER  Black rubber mud flaps with a minimum 1/4" thickness shall be bolted to the underside of the module behind the rear wheels. The width and length of the flaps shall provide adequate coverage of the rear dual wheels of the chassis.	Y___N___
One (1) 40-10-0266	REAR STEP/BUMPER -FLIP-UP CENTER SECTION - STAR PUNCHED AND ANODIZED  The rear bumper shall be affixed to the chassis frame. The bumper shall be constructed with a hinged center section approximately 40" wide with a 4" fixed step open grate section on each side of the flip-up section. Two (2) steel braces shall secure the step to the chassis frame. The outer 17" on each end of the bumper shall be constructed from heavy gauge stamped polished stainless steel bumper parts and shall provide smooth rounded corners. The step shall be constructed of star punched .125" thick aluminum diamond plate. Two (2) rear LED step illumination lights shall be provided. All diamond plate surfaces shall be bright dip anodized. Rear step installation shall comply with AMD standard 018. A strip of black PVC shall be installed on the face of the step to protect the patient cots during loading.	Y___N___
One (1) 40-10-0280	RUB RAILS, ANODIZED ALUMINUM  Bright dip anodized polished aluminum rub rails shall be installed on the lower sides of the body below the outside compartment sill areas. The rub rails shall be offset 3/16" from the body to facilitate wash down of road debris.	Y___N___
One (1) 40-10-0301 10	STEP ELECTRIC, AUTOMATIC - ZICO HD TYPE AT THE CURBSIDE DOOR  A Zico heavy duty electric step shall be provided at the module curbside passage door. The step shall activate automatically into the open and stored position when the curbside door is open and closed. The step shall have mud flaps to the front and rear of the step to help reduce corrosion possibilities.	Y___N___
One (1) 40-10-0321	STEPWELL, CURBSIDE DOORWAY - MID STEP AREA  An aluminum diamond plate step well and mid-level step shall be installed in the curbside doorway threshold area.	Y___N___
One (1) 40-10-0340	STONE GUARDS, MODULE FRONT - ANODIZED DIAMOND PLATE (24" H)	Y___N___

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Bright dip anodized aluminum diamond plate stone guards shall be installed on the lower 24" of the module front, one (1) each side. These stone guards shall be 14" wide.

One (1) 40-10-0360	KICKPLATE/THRESHOLD, REAR DOORWAY - ANODIZED DIAMOND PLATE	Y___N___
	A bright dip anodized aluminum diamond plate kick plate shall be installed at the rear exterior doorway, providing a kick / scuff plate at the rear of the vehicle above the rear step.	
One (1) 40-10-0381	TOW HOOKS, MODULE REAR	Y___N___
	Two (2) tow hooks shall be provided in the rear step area and shall be securely fastened to the vehicle frame.	
One (1) 40-10-0401	WINDOW, 15" x 53" CURBSIDE FIXED MODULE	Y___N___
	A tinted 15" x 53" non-openable (fixed window) shall be installed on the curbside of the patient compartment module and centered over the squad bench.	
One (1) 40-10-0505	WINDOWS, PASSAGE DOOR - (CURB SLIDING, REAR FIXED)	Y___N___
	The curbside passage door shall have a 16" x 23" openable ( <i>sliding</i> ) window with removable screen. Each rear passage door shall have a 19" x 18" non-openable window. The distance between the rear window glass shall not exceed 6" to assure maximum vision to the rear. The windows shall have a 69% dark tint and shall be secured with black oxide coated fasteners. No warning lights shall be blocked from view when the curbside or rear doors are open.	
One (1) 40-10-0402	WINDOW, MIRRORED TINTING	Y___N___
	A mirrored tint shall be applied to all exterior module windows – rear entry doors, curbside entry door and the window over the squad bench.	
One (1) 40-15-0046	TURTLE TILE MATTING (BLACK) - BOTTOM OF OUTSIDE COMPARTMENTS	Y___N___
	Black Turtle tile matting with ramps shall be installed in the bottoms of outside storage compartments #1, #2, #3, #4, and #5 to ensure proper ventilation of the compartment and stored equipment. Also the pull out tray (battery) compartment.	
One (1) 41-01-0202	OUTSIDE STORAGE #1 - STREETSIDE FORWARD - OXYGEN STORAGE	Y___N___
	<b>#1</b> (forward street side compartment) shall have an 81.75" high x 18.25" wide clear door opening with 82.75" high x 24.50" wide x 20.75" deep interior dimensions. This compartment shall provide storage for one (1) "M" or "H" oxygen cylinder. The compartment door shall be held open with a spring loaded gas cylinder. An aluminum vertical divider shall be installed just forward of the oxygen cylinder. The vertical divider shall be coated with the same material as the rest of the compartment interior. A locking handle shall be installed on the exterior of the door keyed the same as all other exterior compartments. A spring-loaded, hinged acrylic door shall be provided to allow access from inside the patient compartment to the oxygen cylinder valve. A 9-square inch vent shall be provided in the oxygen storage compartment to permit leaking gas to dissipate to	

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the exterior of the vehicle. The oxygen cylinder shall be secured with a minimum of four (4) restraining devices, meeting AMD standard 003, *oxygen tank retention system requirements*. A cylinder changing wrench shall be provided and secured inside the oxygen cylinder compartment. The oxygen cylinder shall be provided by the purchaser.

One (1) 41-02-0052	SHELF TRACK - EXPOSED - OSS #1  Unistrut 1-1/4" x 3/4", 19 gauge channel shall be installed in outside storage compartment #1.	Y__N__
One (1) 41-02-0104	SHELVES THREE (3) IN OUTSIDE STORAGE #1  Three (3) adjustable shelves with sprayed on polyurethane material shall be provided and installed in outside storage compartment #1. On shelf shall be installed above the oxygen cylinder storage and two shall be installed forward of the vertical divider.	Y__N__
One (1) 42-01-0201	OUTSIDE STORAGE #2 - STREETSIDE CENTER  <b>#2</b> (street side center compartment) shall have a 40.25" high x 39.50" wide clear door opening with double doors and shall have 43.75" high x 44.50" wide x 20.75" deep interior dimensions. One (1) fusee holder shall be installed on the inner door skin of the forward compartment door. The compartment shall have double doors held open with a spring loaded gas cylinders. An exterior handle shall be installed on each door. A locking handle shall be installed on the forward door.	Y__N__
One (1) 42-02-0053	SHELF TRACK - RECESSED - OSS #2  Unistrut 1-1/4" x 3/4", 19 gauge channel shall be installed in outside storage compartment #2. The track shall be welded in and recessed to reduce the number of fasteners and provide a cleaner look.	Y__N__
One (1) 42-02-0104	SHELVES ONE (1) IN OSS #2  One (1) adjustable shelves with sprayed on polyurethane material shall be provided and installed in outside storage compartment #2.	Y__N__
One (1) 43-01-0201	OUTSIDE STORAGE #3 - STREETSIDE REAR - TALL DOOR  <b>#3</b> (street side rear compartment) shall have a 63.50" high x 28.75" wide clear door opening with 65.25" high x 32.75" wide x 20.75" deep interior dimensions. This compartment shall have inside/outside access and Two (2) adjustable shelves. The compartment door shall have a 9" deep diamond plate pocket and strap installed on the interior side to accommodate a stryker stair chair! The compartment door shall be held open with a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door.	Y__N__
One (1) 43-02-0053	SHELF TRACK - RECESSED - OSS #3  Unistrut 1-1/4" x 3/4", 19 gauge channel shall be installed in outside storage compartment #3. The track shall be welded in and recessed to reduce the number of fasteners and provide a cleaner look.	Y__N__

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One (1) 43-02-0104	SHELVES THREE (3) IN OSS #3  Three (3) adjustable shelves with sprayed on polyurethane material shall be provided and installed in outside storage compartment #3.	Y__N__
One (1) 43-05-0102	STAIR CHAIR POCKET ON DOOR OSS #3  The compartment door shall have a 9" deep diamond plate pocket and strap installed on the interior side to accommodate a stair chair.	Y__N__
One (1) 44-01-0206	OUTSIDE STORAGE #4A BOARD/SCOOP, #4B W/INSIDE/OUTSIDE ACCESS  <b>#4</b> (rear curbside compartment) shall have split compartments ( <b>#4A / #4B</b> ), with a 73.00" high x 24.75" wide clear door opening: compartment <b>#4A</b> shall have 82.75" high x 14.00" wide x 20.75" deep interior dimensions. This compartment shall provide storage for backboards and a scoop stretcher.  Compartment <b>#4B</b> shall have 82.75" high x 11.50" wide x 20.75" deep interior dimensions. The compartment door shall be held open with a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door.	Y__N__
One (1) 44-02-0052	SHELF TRACK - EXPOSED - OSS #4  Unistrut 1-1/4" x 3/4", 19 gauge channel shall be installed in outside storage compartment #4.	Y__N__
One (1) 44-02-0104	SHELVES THREE (3) IN OSS #4  Three (3) adjustable shelves with sprayed on polyurethane material shall be provided and installed in outside storage compartment #4.	Y__N__
One (1) 44-02-0053	BACKBOARD DIVIDERS – ADJUSTABLE IN OSS #4  Eight (8) adjustable dividers shall be installed in OSS #4A – four (4) at the top and four (4) at the bottom to separate the backboards. The dividers to be short and constructed of aluminum coated with the bedliner material.	Y__N__
One (1) 44-02-0054	STRAP - VINYL - OSS #4  A vinyl strap shall be installed in OSS #4 to help retain backboards when the door is open. The vinyl strap shall have a plastic buckle and be attached to the divider and rear wall with footman's loops.	Y__N__
One (1) 45-01-0201	OUTSIDE STORAGE #5 - CURBSIDE FORWARD  #5 (forward curbside compartment) The compartment shall be split into two (2) compartments.  #5A The compartment shall have a 47.50" high x 17.50" clear opening and provides inside/outside storage and shall have and shall have two (2) adjustable shelves. (Reference the lower front wall cabinet in patient compartment specification for interior dimensions). The compartment door shall be held open with a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door.	Y__N__

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#5B shall have 16.50" high x 17.50" wide x 17.00" deep interior dimensions. This door shall access a slide-out tray for two (2) batteries. A locking handle shall be installed on the exterior of the door.

One (1) 50-00-0202	ROUNDED INTERIOR CORNERS	Y___N___
	Interior vertical edges shall have rounded corners in the following locations: forward and aft edges of the CPR seat, the wall at the aft end of the squad bench, the partition opening cabinet edges and the upper front wall cabinet.	
One (1) 50-01-0407	LATCHES CABINET - CHROME / STAINLESS STEEL	Y___N___
	The ACP (attendant control panel) door, the PDQ (power distribution quarters) door, and the radio cabinet door shall be secured with chrome locking lever latches, all remaining interior hinged cabinet doors and drawers shall be secured with Southco stainless steel locking flush pull latches.	
One (1) 50-10-0146	CABINET - LEFT WALL, UPPER REAR #1 - RESTOCKING HINGE (UP)	Y___N___
	The left wall upper rear interior cabinet (#1) shall have a door opening of 10.75" high x 34.75" wide with interior dimensions of 13.25" high x 36.75" wide x 17.25" deep. The cabinet shall be enclosed by one (1) set of sliding acrylic doors, attached to a flip-up restocking frame with gas filled hold-open shocks and contain one (1) adjustable shelf on each side of the vertical divider.	
One (1) 50-10-0207	CABINET - LEFT WALL, UPPER OVER PANEL #2 RESTOCKING HINGE	Y___N___
	The left wall, upper interior cabinet (#2) above the attendant control panel shall have a door opening of 10.75" high x 47.75" wide with interior dimensions of 13.25" high x 49.75" wide x 17.25" deep. The cabinet shall be enclosed by one (1) set of sliding acrylic doors attached to a flip-up restocking frame with gas filled hold-open shocks. The cabinet shall contain one (1) adjustable shelf.	
One (1) 50-10-0229	LEFT WALL - ATTENDANT CONTROL PANEL - HINGED PANEL	Y___N___
	The color microprocessor screen shall be installed on an angled hinged access panel and secured with two (2) latches. The panel will be located to the immediate right of the attendant's seat. The forward portion of the panel will contain a flat area that may be used for future radio mounting etc.	
One (1) 50-10-0342	CABINET - LEFT WALL, LOWER REAR #3 - INSIDE/OUTSIDE	Y___N___
	The left wall, lower rear interior cabinet (#3) shall have a door opening of 26.25" high x 26.50" wide. (reference exterior compartment outside storage compartment #3 in module section for interior dimensions and shelving configurations.) This compartment provides inside/outside access into outside storage compartment #3 and shall have 3/8" thick, hinged acrylic doors. Each door shall have a full length hinge, a full length handle, and a latch.	
One (1) 50-10-0421	CABINET - LEFT WALL – BELOW REAR ACTION AREA #4	Y___N___

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The left cabinet below the rear action area (#4) shall have a door opening of 15.00" high x 17.75" wide with interior dimensions of 16.75" high x 19.25" wide x 17.25" deep. The cabinet shall be enclosed by one (1) set of sliding acrylic doors. The cabinet shall contain one (1) adjustable shelf.

One (1)  
50-10-0602 PRIMARY ACTION AREA Y\_\_N\_\_

The primary action area shall be located beside the attendant seat with work area dimensions of 50.25" wide x 17.00" deep.

One (1)  
50-10-0634 SECONDARY ACTION AREA Y\_\_N\_\_

The secondary action area shall be located to the rear of the CPR seat with work area dimensions of 21.00" high x 18.00" wide x 17.00" deep.

One (1)  
50-10-0652 SHELF ADJUSTABLE - ABOVE SECONDARY ACTION AREA Y\_\_N\_\_

There shall be an adjustable shelf with a stainless steel support pole, provided and installed in the center of the secondary action area. The shelf exposed corner shall be rounded.

One (1)  
50-10-0705 DRAWER - SLIDE-OUT / WRITING TABLE STREETSIDE INTERIOR Y\_\_N\_\_

A slide-out drawer with hinged plexi-glass writing table shall be provided in the street side wall beside the attendant seat. The drawer shall be constructed of .090" thick aluminum.

The table writing surface shall be constructed of 1/4" clear plexi-glass which measures 14.25" wide x 11.25" deep. The drawer interior dimensions shall be 4.50" high x 14.50" wide x 13.25" deep. The drawer shall be secured with one (1) latch. The writing surface shall be installed on top of the drawer with a hinge.

One (1)  
50-10-0707 DRAWER - SLIDE-OUT INTERIOR (no writing surface) Y\_\_N\_\_

A slide-out drawer shall be provided in patient compartment. The drawer shall be constructed of .090" thick aluminum. The drawer shall be secured with one (1) latch. Exact location to be determined at pre-construction meeting. A slide-out drawer shall be provided in the street side wall beside the attendant seat. The drawer shall be constructed of .090" thick aluminum. The drawer interior dimensions shall be 5.00" high x 14.50" wide x 13.25" deep. The drawer shall be secured with one (1) locking lever latch.

One (1)  
50-20-0142 CABINET – LEFT WALL – BELOW ACTION AREA #7 Y\_\_N\_\_

The left wall, cabinet (#7) below the action area shall have a door opening of 9.25" high x 25.50" wide with interior dimensions of 11.00" high x 27.25" wide x 8.00" deep. This compartment shall be enclosed by one (1) set of sliding acrylic doors.

One (1)  
SP-01-0011 CABINET, LEFT WALL-#9 Y\_\_N\_\_

A cabinet shall be installed below cabinet #2. The cabinet shall have a door opening of 5.25" high x 13.0" wide with interior dimensions of 7.00" high x 14.75" wide x 7.00" deep. The cabinet shall be enclosed with a set of sliding acrylic doors.

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One (1) SP-01-0013	CABINET, LEFT WALL-ABOVE CPR SEAT #8	Y__N__
	Install a cabinet above the CPR seat per dwg. #5 dimensions. Cabinet is to have one (1) adjustable shelf and to be enclosed with a hinged acrylic door and be secured with a Southco stainless steel flush pull latch. The cabinet shall have a clear opening of 12.25" high x 20.00" wide with interior dimension of 12.25" high x 20.00" wide x 4.0" deep.	
One (1) SP-01-0036	BATTERY CHARGER - RECESSED STORAGE	Y__N__
	A Stryker SMRT charger shall be recessed into the lower left wall beside the glove box holder. The charger shall be mounted to the Stryker charger bracket mounted inside the recessed area. A 115VAC outlet will need to be located in this are for the charger to plug into.	
One (1) 50-20-0142	CABINET - FRONT WALL, UPPER #1	Y__N__
	The front wall, upper interior cabinet (#1) shall have a door opening of 15.00" high x 14.00" wide with interior dimensions of 15.25" high x 14.25" wide x 23.00" deep. This compartment shall be enclosed by one (1) flip-up aluminum door with hold-open. The compartment shall contain one (1) adjustable shelf.	
One (1) 50-20-0279	CABINET - FRONT WALL, LOWER #2 & #3 - INSIDE/OUTSIDE ACCESS	Y__N__
	The front wall lower cabinet (#2) shall have a door opening of 46.00" high x 27.75" wide with interior dimensions of 50.00" high x 31.50" wide x 23.00" deep. This cabinet shall provide inside/outside access and shall have two (2) adjustable shelves on Unistrut adjustable track brackets. Three (3) clear lights mounted in a removable panel will provide illumination in this compartment. There shall be aluminum beveled ramp edging installed on two edges of each shelf. This compartment shall be enclosed by one (1) pair of 3/8" thick, hinged acrylic doors. Each door shall have a full length hinge, a full length handle, and a latch.	
One (1) 50-20-0381	CABINET - FRONT WALL, LOWER BELOW PDQ (SINGLE VENTED DOOR)	Y__N__
	The compartment shall have a vented, hinged aluminum door secured by a Southco stainless steel flush pull latch. Door to open towards rear of the ambulance module.	
	The compartment behind the attendant seat, and below the power distribution cabinet, shall have a door opening of 24.50" high x 17.25" wide with interior dimensions of 24.75" high x 23.25" wide x 14.75" deep. The compartment shall have a hinged aluminum door secured by a latch. There shall be an adjustable shelf in this compartment.	
One (1) 50-20-0507	CRAWL THROUGH - CAB TO MODULE WITH PARTITION DOOR	Y__N__
	A crawl through partition shall be provided at rear of the cab to accommodate crawl-through movement and communications to the patient compartment. A bellows shall be provided to connect the cab to the module. A padded vinyl cover shall encircle the crawl through opening to help sound deaden this area. A hinged partition door shall be installed to close off the patient compartment from the cab.	
One (1)	CABINET - RIGHT WALL, REAR WITH (1) DOOR, INSIDE/OUTSIDE	Y__N__
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A storage compartment (#1) shall be provided to the rear of the squad bench and shall be constructed of .125" thick aluminum. The compartment shall face the patient compartment aisle and have a door opening of 30.00" high x 7.25" wide with access to the rear outside storage compartment. The compartment shall be enclosed by a 3/8" thick, hinged acrylic door and latch.

One (1)  
50-30-0137

CABINET - RIGHT WALL, BEHIND SQUAD BENCH

Y\_\_N\_\_

A cabinet shall be installed on the curbside below the fluorescent lights. This cabinet shall have a clear door opening of 8.25" high x 55.00" wide with interior dimensions of 10.00" high x 57.50" wide x 6.00" deep. This cabinet shall be enclosed by one (1) set of sliding acrylic doors attached to a flip-up restocking frame with gas filled hold-open shocks. The compartment shall contain a center divider with one (1) adjustable shelf, each side. The squad bench back pads shall be built out flush with the cabinet face to provide additional comfort for occupants of the squad bench.

One (1)  
50-50-0102

ATTN SEAT - EVS HiBAC, INTEGRAL CHILD, SWIVEL BASE

Y\_\_N\_\_

A rear facing EVS HiBAC attendant seat shall be installed at the head of the patient cot. The seat shall be equipped with a sliding swivel base and incorporate an integral child safety restraint system. The seat shall be covered with color coordinated vinyl and equipped with an automatic retracting safety seat belt.

One (1)  
50-50-0315

CPR SEAT – CAPTAINS CHAIR WITH FOUR POINT HARNESS

Y\_\_N\_\_

A Wise captains style attendant seat with four point harness and vacuum formed vinyl shall be installed in the CPR seat location. The seat shall have fore and aft adjustment and when the seat is adjusted to the wall, the headrest will be flush with the cabinet above it.

One (1)  
50-50-0512

SQUAD BENCH BASE STORAGE (COMPARTMENT #2)

Y\_\_N\_\_

A storage area shall be provided in the squad bench base (compartment #2). The interior dimensions of the storage area shall measure 14.25" high x 77.00" wide x 21.00" deep. The squad bench base shall be constructed of .090" thick aluminum for maximum storage capacity and minimum weight. The interior of the squad bench shall be sprayed with sound absorbing polyurethane material.

One (1)  
50-50-0529

SQUAD BENCH LID - SPLIT

Y\_\_N\_\_

The squad bench lid and cushion shall be split into two sections so that each section can be opened independently. The squad bench cushions shall be covered with color coordinated vinyl upholstery material and sewn with seams only at the vertical corners to minimize entrapment of fluids. An automatic latching fastener shall be installed (one each lid/cushion section) to secure the squad bench lids in the closed position

Automatic locking, retractable red seat belts shall be provided for three (3) people while seated on the squad bench or for one (1) person lying down.

One (1)  
50-50-0541

HOLD OPENS - SQUAD BENCH LID - GAS CYLINDERS

Y\_\_N\_\_

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Two (2) gas cylinders hold -opens shall be provided and installed to hold the cushion in the open and closed position.

One (1) 50-51-1001	CABINET CONSTRUCTION - INTERIOR - ALUMINUM  All interior cabinets shall be constructed of .090" thick welded aluminum. Wood products shall not be used in the construction of any interior cabinet. All cabinet exteriors, interiors, drawer fronts, drawer interiors, and aluminum doors shall be sealed with a washable sprayed-on multi-use polychromatic coating.	Y___N___
One (1) 50-51-1011	RECESSED ADJUSTABLE SHELF TRACK - CABINETS  Unistrut 13/16" x 13/32", 19 gauge channel shall be installed in the interior cabinets that contain adjustable shelves. The track shall be welded in and recessed to reduce the number of fasteners and provide a cleaner look.	Y___N___
One (1) 50-51-2001	CABINET DOORS - BRONZE ACRYLIC  All sliding cabinet doors shall be nominally 1/4" thick light bronze acrylic material. The sliding cabinet doors shall be installed in aluminum track lined with PPL inserts to eliminate rattles and prevent the doors from opening during transit. An edge mounted aluminum handle shall be installed on each sliding cabinet door.	Y___N___
One (1) 50-51-3001	CABINETS/ WALLS - POLYCHROMATIC COATING - MARBLE STONE  All exposed side walls, the partition wall (on the patient compartment side only), the headliner, along with the cabinet and drawer fronts, aluminum doors, cabinet and drawer interiors shall be covered with a washable #20-63 Marble Stone sprayed-on multi-use polychromatic coating, to create a laminate-free interior.	Y___N___
One (1) 50-51-4023	COUNTER TOP - SOLID ACRYLIC - LAVA GRANITE (DARK GRAY)  A Meganite solid acrylic counter top, Lava Granite (Dark Gray) #657, with a 1/2" lip shall be installed to prevent equipment from sliding off. The solid acrylic counter top shall be provided on both the primary and secondary action area counters, fore and aft of the CPR seat.	Y___N___
One (1) 50-51-4051	COUNTER TOP ACCENT STRIPE- SOLID ACRYLIC - RAVEN BOULDER  The solid acrylic counter top shall have a 1/2" Raven Boulder (black) #810 accent stripe.	Y___N___
One (1) 50-51-5001	UPHOLSTERY - SPRADLING "ARCTIC" CHARCOAL #9017  All cushions, head pads and seats shall be covered with Spradling International "Arctic" Charcoal #9017 expanded vinyl upholstery material. The arctic vinyl and all foam cushion material shall comply with FMVSS #302 flame spread requirements.	Y___N___
One (1) 50-51-6025	LONCOIN II FLECKS, NON-SLIP EMBOSSED COIN - ONYX #150  The floor in the patient compartment shall be covered with Lonseal brand "Loncoin II" non-slip, (embossed coin) Onyx #150, resilient sheet vinyl flooring material, which shall	Y___N___

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be covered 3-inches up the wall on the street side, and to the top of the squad bench base on the curbside. The flooring material shall be stripped and waxed before delivery.

One (1) 50-60-0018	ASPIRATOR / SUCTION - SSCOR - WITH ELECTRIC PUMP - RECESSED	Y___N___
	An SSCOR suction system with a 12 VDC electric vacuum pump shall be recessed into the street side lower interior wall near the attendant's seat. The system shall be activated by a switch on the attendant control panel. The SSCOR vacuum pump exhaust shall be vented to the exterior of the vehicle.	
One (1) 50-60-0037	ASSIST HANDLES, (2) 45 DEGREE STAINLESS STEEL, FOUR (4) BLACK RUBBER	Y___N___
	A total of two (2) 1.5" diameter 45degree stainless steel grab handles shall be installed on the rear entry doors. Four (4) 10-7/8" black vulcanized rubber with steel core assist handles shall be provided and installed: one (1) on the curbside door, one (1) at the curbside doorway and two (2) at the rear doorway.	
One (1) 50-60-0050 20	BAR - "A" - AT HEAD OF SQUAD BENCH	Y___N___
	A 1-1/4" diameter stainless steel a-bar shall be installed at the forward end of the squad bench. The top horizontal bar shall be padded. The A-bar system shall pivot to allow better access to a patient on the squad bench.	
One (1) 50-60-0094 10	CLOCK - TRIN TEC, 8" 12/24 HR, QUARTZ BATTERY - FT SQ BENCH	Y___N___
	A Trin Tec 8" diameter, 12/24 hour battery operated quartz clock shall be installed on the curbside forward facing wall at the foot end of the squad bench.	
One (1) 50-60-0143	COT SAFETY HOOK - STRYKER	Y___N___
	A Stryker cot rear capture / safety hook shall be provided and installed in the center position.	
One (1) 50-60-0153	COT FASTENER - STRYKER SINGLE - CENTER POSITION	Y___N___
	A Stryker crash stable, single-position (center mount) cot fastener shall be installed on the module floor to accommodate a Stryker series cot. 3/8" thick aluminum tapping plates shall be installed below the aluminum floor to secure the cot floor mounting plates.	
One (1) SP-01-0035	COT, STRYKER POWER PRO COT	Y___N___
	Power Pro Cot, single wheel lock option, knee-gatch Trendelenberg option, gatch bolster mattress, safety hook, short, cot retaining post, DVD in service, 1 yr parts labor & travel, Domestic manual option, retractable head section, left hand release handle, 3 stage I/V pole per option, equipment hook option, fowler oxygen bottle holder (head), Backrest storage pouch, head end storage flat.	
One (1) SP-01-0036	COT, STRYKER POWER LOAD PROVISIONS	Y___N___
	Provisions, tapping plates, for the future installation of a Stryker PowerLoad system shall be welded to the floor structure..	

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One (1) 50-60-0220	EMBLEMS / SIGNS - REAR PATIENT COMPARTMENT  Two (2) " <i>No Smoking / Oxygen Equipped / Fasten Seat Belts</i> " signs shall be provided. One (1) sign shall be installed in the cab and one (1) above the oxygen outlets in the patient compartment street side cabinet.	Y___N___
One (1) 50-60-0256	EXHAUST VENTILATOR, 3-SPEED - MULTIPLEX ELECTRIC SYSTEM  A three-speed, 300 CFM (minimum) exhaust fan meeting KKK-A-1822F requirements shall be provided and located in the street side cabinet in the patient compartment. The exhaust fan shall be pulse width modulated from a switch on the attendant control panel vista screen. The exhaust system shall have a louvered grille inside and a chrome vent outside. The exhaust system shall vent through the side of the vehicle, not through the roof.	Y___N___
One (1) 50-60-0272	FW # 521 O2 STORAGE BRACKET, (2) "D" & JUMBO "D" CYLINDER- RECESSED SQUAD BENCH  Two (2) Ferno Washington #521 crash stable storage brackets for "D" and "Jumbo D" oxygen cylinders, shall be recessed installed into the forward end of the squad bench and accessible from the curbside stepwell area.	Y___N___
One (1) 50-60-0291	FIRE EXTINGUISHER - (1) ABC DRY CHEM 5 LB. WITH BRACKET  One (1) ABC Dry-Chemical, 5 lb. fire extinguisher and mounting bracket shall be shipped loose with the vehicle.	Y___N___
One (1) 50-60-0300	FLOOR CONSTRUCTION- PATIENT COMPARTMENT, NON-WOOD COMPOSITE  The sub-floor in the patient compartment shall be constructed of .125" thick aluminum over .125" and .190" thick reinforcing hat sections and mounting laterals. The aluminum sub-floor shall be covered with a single piece of 3/4" <b><u>non-wood composite material</u></b> . All corner molding, edging and trim shall be anodized aluminum or stainless steel and shall be sealed to prevent fluids from seeping under the cabinets.  Wood floors are not satisfactory and shall not be accepted by the purchaser.	Y___N___
One (1) 50-60-0301	FLOORING - COVE  The patient compartment floor radius shall be coved with pre-formed floor coving material. The coving shall be installed behind the vinyl floor covering, along both the street side and curbside walls.	Y___N___
One (1) 50-60-0322	GLOVE DISPENSER - (3) BOX - ABOVE ENTRY DOOR - CURBSIDE  A three (3) - box glove dispenser unit, with a clear plexi hinged access panel with three (3) cut-outs, shall be recessed above the curbside entry door. The dispenser shall be 8.25" high x 33.50" wide with interior dimensions of 5.38" high x 30.25" wide x 3.25" deep.	Y___N___
One (1) 50-60-0327	GLOVE DISPENSER - (2) BOX - STREETSIDE	Y___N___
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A glove dispenser capable of holding (2) boxes of disposable gloves shall be provided inside the left rear door, below the street side rear interior cabinet. The dispenser shall be 8.25" high x 22.50" wide with interior dimensions of 5.38" high x 20.00" wide x 3.25" deep.

One (1)  
50-60-0340 GRAB RAIL, 1-1/4" DIAMETER, (96") OVER COT AREA Y\_\_N\_\_

One (1) 1-1/4" diameter x 96" long stainless steel grab rail shall be installed on the ceiling for attendant/ patient balance control. The grab rail shall be attached to the ceiling with three (3) mounting brackets that secure it to the super structure of the module. Installation of the grab rail shall comply with AMD-008 requirements.

One (1)  
50-60-0391 HEADLINER - REAR PATIENT COMPARTMENT Y\_\_N\_\_

The headliner in the patient compartment shall be one-piece, seamless, .090 thick aluminum finished with sprayed-on multi-use polychromatic coating.

One (1)  
50-60-0424 HEAT/AIR CONDITIONING, HOSELINE CEILING DUCTED Y\_\_N\_\_

A Hoseline high capacity 580 CFM heater/air conditioner system with 50,000 BTU heating capacity and 30,000 BTU cooling capacity utilizing a 10-speed blower controlled through, the pulse-width-modulated output of the microprocessor based electrical system, shall be provided for high volume air movement with minimal noise. The heater/air conditioner air return shall be filtered to minimize contamination of the heater/air conditioner cores. The cab and module environmental systems shall be simultaneously capable of heating in the front while cooling in the rear and vice-versa. A thermostatically controlled rear system shall be provided for heating and air conditioning the patient compartment.

The temperature, whether heating or cooling, shall be controlled by a thermostat built into the attendant control panel screen, located in the street side cabinet and from the cab master control console screen. Heating and cooling may be selected automatically or manually. The heater/air conditioner system shall function only when the ignition system and the module power switch are on. The rear heater shall have EPDM/Nomex heater hoses. The rear air conditioner shall have barrier air conditioner hoses for R-134A refrigerant. Full module HVAC controls shall be located on both the rear ACP screen and the cab MCC screen.

The module heat and ac system shall be installed in the upper portion of the front wall. Five (5) adjustable heat/ac vents shall be located in a duct down the center of the ceiling.

One (1)  
50-60-0431 I V HANGERS - CEILING RECESSED - CAST PRODUCTS #IV2008-1 (2) Y\_\_N\_\_

Two (2) Cast Products #IV2008-1 recessed, dual, ceiling I.V. hangers shall be provided. One (1) installed near the street side above the cot area, and one (1) near the curbside above the squad bench area.

One (1)  
50-60-0613 10 OXYGEN OUTLETS (2) WALL/(1)CEILING - OHIO MEDICAL TYPE Y\_\_N\_\_

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Three (3) Ohio Medical flush mounted, quick release outlets shall be installed. One (1) in the forward street side cabinet action area, one (1) shall be installed in the wall above the squad bench and one (1) shall be installed in the ceiling above the head end of the cot.

One (1)  
50-60-0629 FLOW METER, OXYGEN - THORPE STYLE Y\_\_N\_\_

Two (2) Thorpe style oxygen flow meter (15LPM) shall be shipped loose with the completed vehicle.

One (1)  
50-60-0640 OXYGEN SYSTEM, ELECTRIC - MULTIPLEX ELECTRIC SYSTEM Y\_\_N\_\_

A 12 VDC controlled electric O2 system operated through the v-mux multiplex electrical system shall be provided and installed.

The oxygen system shall be completely installed and include a pre-set oxygen regulator with a cylinder pressure gauge and a 200 PSI safety valve with all necessary piping and connections. The oxygen system shall be completely low pressure, and the regulator shall be fastened directly to the cylinder. The regulator shall be set to operate at approximately 50 PSI. The oxygen cylinder shall be installed so the system may be easily turned on and off at the main cylinder valve from the patient compartment. The oxygen cylinder shall be provided by the purchaser.

The oxygen system monitor shall be readily available to the attendant while seated at the head of the cot as part of the microprocessor based electrical system. Flexible conductive oxygen hose with a minimum 900 lbs. burst rating shall be installed between the regulator and the oxygen receptacles. The system shall be tested and tagged in conformance with NFPA-56-F and KKK-A-1822F.

The electric oxygen system shall be provided with an on/off switch on the attendant control panel screen. The emergency manual bypass valve shall be located near the oxygen storage compartment in the patient compartment.

One (1)  
50-60-0660 PADDED EDGING PROTECTION Y\_\_N\_\_

Padded corner edging shall be installed where necessary on exposed corners and edges in the patient compartment for patient and attendant protection.

One (1)  
50-60-0661 PADS, HEAD AND BACK Y\_\_N\_\_

Vinyl upholstered, foam cushioned head/back pads shall be installed as follows: the lower edge of the upper front wall cabinet (above the partition doorway or window), above the rear doors, above the side door, on the street side wall behind and each side of the CPR seat, and on the curbside wall behind the squad bench. The pads shall be covered with a flame retardant color coordinated vinyl upholstery material.

One (1)  
50-60-0685 RADIO SPEAKERS, STREETSIDE (OEM RADIO & ACP FADER CONTROL) Y\_\_N\_\_

Two (2) stereo speakers shall be installed in the upper streetside side panel. The fader control for the rear speakers shall be provided through the OEM radio and a fader control located in the ACP.

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One (1) 50-60-0709	SHARPS AND TRASH CONTAINERS - ACCESS THRU OSS #2  A 6.9 qt. #BD5489 sharps container, and a 8 qt. trash container shall be installed in the action area. Sharps and waste shall be disposed through holes in the action area countertop. The sharps and waste containers will be enclosed inside a hinged door cabinet inside OSS#2. The containers shall be covered with a 3/8" thick clear acrylic hinged lid with a biohazard warning label.	Y__N__
One (1) 50-60-0720	STAINLESS STEEL WALL PROTECTION - SQUAD BENCH BASE  A full-length brushed stainless steel panel shall be installed on the face of the squad bench base, and extend up to the bottom of the squad bench lid.	Y__N__
One (1) 50-60-0733	DOOR PANELS - MODULE PASSAGE DOORS - FULL LENGTH STAINLESS STEEL  The inner door panels shall be made from brushed stainless steel.	Y__N__
One (1) 50-60-0761	STAINLESS STEEL WALL PROTECTION - INTERIOR STREETSIDE  A brushed stainless steel panel shall be provided on the street side wall from the bottom of the CPR seat cushion down to the flooring material to protect this area when the cot is taken in or out of the vehicle.	Y__N__
One (1) 50-60-0820	TURTLE TILE - SKID-RESISTANT MAT, CURBSIDE STEPWELL  Skid resistant charcoal gray turtle tile matting shall be installed in the curbside step well.	Y__N__
One (1) 60-01-0001	PPG PAINT PROCEDURE  All non-anodized aluminum module body surfaces shall be completely chemically steam cleaned, filled with premium body filler as needed, sanded smooth and primed with F-3993 epoxy primer and then primed again with F-4930 high solid primer.  The cured primer surfacer shall be DA sanded with 320 grit and cleaned with DX-330. F-4930 high solid primer shall then be applied, where needed, as a sealer.	Y__N__
One (1) 60-01-0003	CLEAR COATING - MODULE PAINT  The entire module shall be clear-coated, using a PPG process, sprayed over the final paint coat.	Y__N__
One (1) 60-01-0004	BUFFING, PAINT - MODULE  The paint on the module sides shall be buffed to a high shine using a recommended paint buff system.	Y__N__
One (1) 60-10-0110	PAINT MODULE ALL ONE SOLID COLOR, PLUS CLEAR COAT  The entire module shall be sprayed one-color and then clear coated. The color will be red to match the chassis. Chassis shall be ordered F1 Ford Vermillion red.	Y__N__
One (1)  10005-0006	PAINT-TOP OF MODULE	Y__N__  12/10/14



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SP-01-0015	Top of the module is to be painted white. None of the white is to be seen from the ground.	
One (1) 60-25-0101	BLACK REFLECTIVE MATERIAL IN RUB RAILS  Rub rails shall incorporate a 5/8" wide black reflective scotchlite safety accent stripe.	Y___N___
One (1) 60-30-0200	DOOR REFLECTIVITY  Reflective material, red and yellow, in a Chevron pattern shall be installed on the lower interior stainless steel panel of each rear door. Chevron to match the direction of the Chevron on the rear when the doors are open.  If a sliding side door is provided, it shall have a 1.50" x 40.00" white reflective stripe installed on the rear facing edge.	Y___N___
One (1) SP-01-0005	REAR CHEVRON  Chevron on the rear of the truck to be 6" Red/Yellow reflective. Pattern is ///\\\\. (Not installed on doors)	Y___N___
One (1) SP-01-0006	GRAPHICS  Graphics to match the current Seward Fire and Rescue Ambulance. will be finalized during pre build conference.  All final colors, materials and final cabinet dimensions of interior to be finalized during the pre build conference.	Y___N___
One (1) 80-10-0101	KKK-A-1822F COMPLIANCE  A KKK-A-1822F compliance sticker, electrical load analysis sticker, and payload sticker shall be installed in the oxygen compartment. Any deviations from KKK-A-1822F shall be listed in the vehicle delivery packet with a notation on the-compliance sticker.	Y___N___
One (1) 80-20-0001	VEHICLE MANUALS (1) PACKAGE SET  One (1) Delivery Manual Package shall be supplied with the vehicle, and shall include the following items: <ul style="list-style-type: none"><li>• Ambulance manufacturer parts, service and operation manuals</li><li>• OEM chassis owner's guide</li><li>• Complete 12 VDC and 125 VAC wiring schematics for all included standard and optional systems</li><li>• Multiplex Electrical system programming - electronic media</li></ul>	Y___N___
One (1) 90-10-0004	WARRANTIES  MANUFACTURER WARRANTIES: The ambulance manufacturer shall provide Warranty coverage as follows:	Y___N___
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- A. Structural Module Warranty - Limited Life Time
- B. Ambulance Conversion Warranty - 2 Years/30,000 Miles
- C. Electrical Warranty (Multiplex-based systems) - 7 Years/ 84,000 Miles
- D. PPG Paint Warranty - This pro-rated warranty covers the areas of the ambulance body finished with specified PPG products for a period of 7 years from the date of manufacture or 84,000 miles whichever occurs first. The first four years or 48,000 miles are covered at 100% parts and labor. The fifth year or up to 60,000 miles is covered at 75% parts and labor, and the sixth and seventh years or up to 84,000 miles are covered at 50% parts and labor. Paint repairs must be pre-approved by the Manufacturer/PPG and performed by the Manufacturer or a Braun Authorized Service Center.

NOTE: Copies of these Warranties shall be provided to the purchaser in the bid response.

One (1)  
SP-01-0038

### CUSTOMER SUPPLIED PARTS

Y\_\_\_N\_\_\_

The following customer supplied parts shall be installed:

One (1) customer supplied antenna shall be installed on the module roof. Antenna coax to terminate in PDQ

Install one (1) customer supplied telescoping universal laptop mount behind the console on the passenger side.

One (1)  
SP-01-0039

### TRADE- IN

Y\_\_\_N\_\_\_

The bidder shall provide a trade-in price for Seward Fire and Rescue's Ford E-350 Van cut away Road Rescue built ambulance. truck has 13,126 miles with a 7.3 Power Stroke Diesel engine.

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### Loose Equipment

To be priced and itemized separately

- 12x - Bax strap spine boards (982500)
- 2x- Cas Max NIBP 740-2NN Portable BP monitor With SPo2 (170165)
- 3x- Hartwell Evac-u-splint mattress with pump and case (MT-3075-6)
  - 1 pair- Auto Crib It
  - 1x - Drager 4 gas monitor (BL677)
- 1x - Scotts Thermal imager Eagle attck and battery dock (AC-17)
- 1x- Mass Causality triage kit (92123)
- 12x - Ferno universal head immobilizer set of blocks, straps and base (445)
- 12x - patho-strap 2 pc 5' metal buckle with sp clip, orange (1310POR)
- 6x - Medstorm Fingertip Pulse Oximeter (69100)
- 6x - ADC 703 series Palm style Aneroid sphygometer(manual blood pressure cuff) adult, black.(703-11ABK)
  - 2x - patient cover quilt (PC750)
- 1x - CPR Prompt CPR manikans 7piece, 5 adult/child, 2 infant. Tan. (TPAK700T)
  - 2 pair- tire chains to fit 225/70R19.5 (single tire)
- 2x – Prestan Infant CPR-AED training manikin without cpr monitor (PP-IM-400)
- 2x – Phillips HeadStart FR2+ AED trainer (M3752A)