




Proposal Summary

Reference: QUO000009219 **Rev:** 2
Purchaser: Pomasl Fire Equipment
Contact: Kevin Pomasl

Opportunity: Pomasl Stock - MXP170 F450 gas
Account: Pomasl Fire Equipment
Contact: Kevin Pomasl
Delivery: 1918 Neva Road
Address: Antigo, WI 54409

Sales Contact: Kevin Pomasl
Mobile: 715-610-4210
Phone: 715-623-7454

Name	Specifications
Type I - MXP170 	Overall Length: 311" Overall Width: 95" Overall Height: 110" Headroom: 72" Wheelbase: 192" Total height of vehicle may differ according to chassis and suspension

Sales Options by Category

10-Base (BAS)

Item Number	Name/Description	Quantity
BAS-DRW-11	Drawing Required Drawing Required	1.00
BAS-PLA-12	TYPE I - MXP170 TYPE I - MXP170	1.00
BAS-TYP-11	Type I - Pick up Type I - Pick up	1.00

11-Chassis (CH*)

Item Number	Name/Description	Quantity
CHP-FRD-00	Conversion Ford F450 Chassis Cab Conversion Ford F450 Chassis Cab	1.00
CHP-FRD-27	Ford F450 XLT Super Duty Ford F450 XLT Super Duty Gas Chassis Cab <ul style="list-style-type: none"> • 4X4 • 7.3L 2V DEVCT NA PFI V8 Gasoline Engine • Wheelbase 193" • GVWR (Gross vehicle weight rating) 16,500 Lbs. 	1.00



- Movable pedals
- 8.0" touch screen in chassis dash
- SYNC4
- Aluminum wheels
- Dual under hood batteries

CHP-RCA-00 **Regular chassis cab** 1.00
 Regular chassis cab

12-Suspension (SUS)

Item Number	Name/Description	Quantity
SUS-LIQ-11	LiquidSpring™ Suspension Type I Compressible Liquid Adaptive Suspension System, is a smart suspension systems. Liquid-based struts and an on-board processor provide better handling and control, and a smoother, softer ride. The reduced vehicle vibration increases comfort.	1.00

13-Module (MOD)

Item Number	Name/Description	Quantity
MOD-ALU-14	MXP170 Ambulance Module Ambulance Module Structure / Door Structure and Accessories	1.00

170" long ambulance body x 95" wide with 72" interior headroom

Advanced Safety Testing per attached specifications:

- Ambulance will meet all North American Testing requirements (both USA and Canada) to provide superior strength and safety
- Cabinet Structural testing, up to 13,000 lb. pull test
- Passenger and safety restraint load test, 5,100 lb. pull test
- Safety seat test, 5,035 lb. pull test
- Main cot retention, 5,034 lb. pull test
- Safety net, 3,080 lb. pull test
- Grab rail pull testing, 500 lbs.
- Static load test – side
- Static load test – roof
- Sound level testing of patient interior and cab interior
- Climate control testing to AMD requirements: both heating and cooling

Drop Skirts:

On **both sides** of the ambulance module, there shall be a **6" drop skirt**.

Lifetime Structural Warranty

Lifetime Cabinet Warranty

SR00173905 **Additional Insulation Package** 1.00
Additional layer of insulation (in addition to standard) to provide two layers of insulation for Super Heat/Cold retention.

Also install **sound deadening** over rear wheel, behind rear wheel, and under module in specific areas to reduce exterior sounds from entering patient area

Super insulation package significantly increases heat/cold retention in patient area and reduces exterior sounds from entering patient area to provide superior comfort for



medics and patients.

- ADDITIONAL LAYER OF 1 IN FIBRE GLASS INSULATION (IN ADDITION TO STANDARD 1 IN INSULATION) FOR A TOTAL OF 2 IN. INCLUDES SOUND DEADENING OVER WHEEL WELLS AND ABSORPTIVE MATERIAL INSIDE WHEEL OPENING

14-Module Configuration (MCF)

Item Number	Name/Description	Quantity
MCF-CC1-11	<p>C1 Door, ALS Access and Battery Location First door on curbside (C1) for In/Out ALS compartment access</p> <p>Battery slide out sealed compartment under ALS with conversions batteries installed. Sealed storage area.</p>	1.00
MCF-CC2-11	<p>C2, Curbside Entry Door, with Opening Window Side entry door on curbside (C2) for patient compartment access, with flush-mounted automotive-style window.</p> <ul style="list-style-type: none"> - Demers specific flush mounted window that <u>does not leak salt</u> - Lock / Unlock door switch installed on side entry door - Emergency release latches installed on top and bottom door latch 	1.00
MCF-CC3-11	<p>C3 Door, Storage Exterior Compartment Third door on curbside (C3) for backboard or other storage.</p>	1.00
MCF-CC3-13	<p>Stair Chair Location, Two (2) Adjustable Shelves C3 with center backboard divider and stair chair location forward of divider with pocket in the door and two (2) adjustable shelves above stair chair location</p> <p>Retaining safety belt for backboard in C3 compartment – full width to secure both backboards and stair chair.</p>	1.00
MCF-CC3-22	<p>Third door (C3) Compartment In/Out Access Third door (C3) Compartment In/Out Access</p>	1.00
MCF-RDR-13	<p>A1 and A2, Rear Entry Doors, with Defrost Two (2) rear entry doors for patient compartment access, each with its individual exterior door handle. Includes frameless flush-mounted tinted windows and defrost feature.</p> <ul style="list-style-type: none"> - Demers specific flush mounted windows that <u>do not leak salt</u> - Lock / Unlock door switch installed on right rear entry door - Liquid Spring override switch installed on right rear entry door - Emergency release latches installed on top and bottom door latch 	1.00
MCF-SS1-11	<p>S1 Door, Main Oxygen Exterior Compartment First door on streetside (S1) for main vertical oxygen cylinder.</p>	1.00
MCF-SS2-15	<p>S2 Door, Storage Exterior Comp Second door on streetside (S2) for equipment storage for MXP170.</p>	1.00
MCF-SS2-16	<p>Full-Depth Shelf, One (1), Adjustable One (1) full-depth, adjustable shelf in S2 compartment.</p>	1.00



MCF-SS2-13	REMOVED – Stair Chair Holder on Compartment Door Stair chair holder on S2 compartment door.	1.00
MCF-ELE-11	E Door, Electrical Exterior Compartment Upper door (E) for electrical panel access.	1.00
MCF-SS3-12	S3 Compartment, Equipment Storage, In/Out Access Third door on streetside (S3) for equipment storage, with interior/exterior access.	1.00
MCF-SS3-13	Full-Depth Shelves, Two (2), Adjustable Two (2) full-depth, adjustable shelves in S3 compartment.	1.00
MCF-CML-12	High-Intensity LED Tube Lighting High-intensity LED lighting installed in all exterior compartment LED light to illuminate Side entry doorsteps	1.00

15-Lighting (LGT)

<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
LGT-FSL-14	Turn Signal Arrows, Amber (2), LED Two (2) amber turn-signal arrows, installed on the front of the module. Whelen M6 series (6 x 4) LED lights.	1.00
LGT-LSL-14	Turn Signal Lights, Amber (2), LED Two (2) amber turn-signal lights, over the rear wheels. Whelen M7 series (7 x 3) LED lights.	1.00
LGT-RSL-18	Third Upper Brake Light, LED Third upper brake light at rear of module. Whelen M6 series (6 x 4) LED light.	1.00
LGT-RSL-24	Rear Step Plate: Turn Signal Light, Brake, Reverse Two (2) LED red brake Two (2) LED amber turn lights Two (2) LED white reverse lights - installed in rear step plate, Round LED lights.	1.00
LGT-RSL-27	Turn Signal Arrows, Mid-Height, Amber (2), LED Two (2) amber turn-signal arrows, installed at mid-height on the rear of the module. Whelen M9 series (10 x 6) LED lights.	1.00
LGT-TPL-11	Marker Lights, Amber (7) and Red (7), LED Seven (7) front upper center and corner amber LED marker lights. Seven (7) rear upper center and corner red LED marker lights.	1.00
LGT-TPL-12	Marker Lights, Two (2) rear mid-height red LED Two (2) rear mid-height red LED marker lights.	1.00
SR00173897	Fog Light Pre-Wire Pre-wire for future fog lights: switch in console with wiring routed to and tied up behind center of front bumper	1.00



16-Emergency and Working Lights (EWL)

Item Number	Name/Description	Quantity
EWL-ACC-15	Dimmer switch for Emergency lights Dimmer switch for emergency lights	1.00
EWL-BEZ-11	Chrome bezels Chrome bezels	32.00
EWL-Upgrade	Whelen M-Series Upgrade All the warning lights upgraded to Whelen M-Series warning lights with a LIFETIME WARRANTY .	1.00
EWL-FWD-20	Emergency Lights, (7) on Front Body Seven (7) emergency lights installed on the front of the module - Whelen M9 series (10 x 6) LED lights. <ul style="list-style-type: none"> - Red / White / Red / White / Red / White / Red - The center white M9 light will be programmed to a 'Pinwheel' pattern 	1.00
EWL-GRL-19	Lights in Front Grille, Red (2), White (2) Four (4) Whelen TLI* LED warning lights to be installed on the front of the apparatus. <ul style="list-style-type: none"> - Two (2) red upper grill lights - Two (2) white lower grill lights with Wig Wag flash pattern. 	1.00
EWL-ITC-14	Intersection Lights, Clear/Red (2), LED Two (2) clear/red intersection lights with turning priority . Whelen M7 series (7 x 3) LED lights installed on the chassis fenders above the front wheels.	1.00
EWL-LTI-12	Emergency Lights, Red (2), LED, Over the Rear Wheels Two (2) white/red emergency lights, intermediate side mount above the rear wheels. Whelen M7 series (7 x 3) LED lights.	1.00
EWL-LTS-18	Four (4) red LED lateral emergency lights (M9) Four (4) red lateral emergency lights (two (2) on each side). Whelen M9 series (10 x 6) LED lights.	1.00
EWL-LTS-20	Scene Lights, Four (4), Clear LED, (M9) Four (4) side facing LED scene lights (two (2) on each side). Whelen M9 series (10 x 6) LED scene lights.	1.00
EWL-RER-17	Emergency Lights, Red (2), LED, Rear Corners Two (2) red rear emergency lights at upper rear corners. Whelen M9 series (10 x 6) LED lights.	1.00
EWL-RER-18	Emergency Lights, Amber (2), LED Two (2) rear upper amber lights. Whelen M6 series (6 x 4) LED lights.	1.00
EWL-RER-19	Loading Lights, Two (2), LED Two (2) rear loading lights. Whelen M6 series (6 x 4) LED lights.	1.00
EWL-RER-20	Emergency Lights, Red (2), LED, Addt'l, Window Hgt Two (2) additional red lights at window height. Whelen M9 series (10 x 6) LED lights.	1.00



EWL-INT-11	Emergency Lights on Inside of Doors, One (1) each One red emergency light on each compartment and entry door inside panel. Total of eight (8) round LED lights.	1.00
SR00173884	Grill Lights, Ship Loose Install wiring and connectors on all four grill lights and ship loose for dealer to install. Dealer will be installing a custom front bumper grill guard and wants to install lights after installing the grill guard	1.00
SR00173895	Warning Lights Above Rub Rails Whelen ION T-series lights with chrome bezels installed above rub rails for warning lights - R/W/R/W	1.00

17-Audible Warning System (WRN)

<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
WRN-BUA-11	Back-Up Alarm Back up alarm (97dB) with override switch.	1.00
WRN-SIR-17	Siren Whelen 295HFSC9 dual tone. Upgrade to Siren Whelen 295HFSC9 dual tone with plug-in (removable) microphone.	1.00
WRN-SPK-11	Whelen SA315 Series Speakers Whelen SA315 series speakers is a compact speaker meeting SAE Class A requirements when paired with Whelen 100-watt siren amplifier.	1.00

18-Exterior Vehicle features (VFT)

<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
VFT-ACC-12	Wheels valve stem extensions Braided Stainless Steel Valve Stem Extensions installed	1.00
VFT-CHP-13	Rear Tow Hooks Two (2) tow hooks are installed in the rear step plate.	1.00
VFT-FUL-11	Fuel Fill A full tank of fuel will be provided at delivery to your station.	1.00
VFT-MIR-11	OEM exterior mirrors Keep OEM exterior mirrors	1.00
VFT-MOP-11	Module Rub Rails, Aluminum Aluminium rub rails on module sides.	1.00
VFT-MOP-12	Module Corner Protectors, Stainless-Steel Stainless-steel protectors on module corners.	1.00
VFT-MOP-13	Module Wheel Trims, Fiberglass Formed fiberglass wheel trimming on module.	1.00
VFT-MOP-14	Undercoating Protection Undercoating protection for module and chassis.	1.00



VFT-MOP-15	Rear Wheel Mud Guards Mud guards on module for rear wheels.	1.00
VFT-PLT-11	License Plate with Light Surface mounted license plate location with LED light.	1.00
VFT-STP-11	Cab Steps, Anti-Skid Material with Mud Guards Anti-skid 'Grip Strut' chassis running board steps. Includes mud guards for front wheels.	1.00
VFT-STP-12	Rear Step Bumper, Retractable Center Section Anti-skid 'Grip Strut' rear flip up step with Diamond plate corner bumper pods and Rubber dock bumpers.	1.00

19-Convenience (CNV)

Item Number	Name/Description	Quantity
CNV-ACC-13	Valet Switch in Front Grille The power lock hidden unlock switch is located on the back of the front grille, on the driver's side half portion of the grille. It allows to unlock all doors of the vehicle but cannot lock the doors.	1.00
CNV-ACC-15	Demers Fast Idle Demers fast idle is generated by the multiplex module, it allows fast charging of the batteries by the engine when specific conditions are met.	1.00
CNV-CAM-11	Black Back-Up Camera Zone Defense standard back-up camera with build-in audio support and infra-red night vision.	1.00
CNV-CAM-12	Black Dome Interior Camera Zone Defense dome interior patient area camera with build-in audio support and 120 degree viewing angle.	1.00
CNV-CAM-16	7 inches Monitor RearView Safety 7" backup digital LCD monitor is a stand-alone monitor and cable kit that connects to camera installed on your vehicle.	1.00
CNV-LCK-11	Anti-Theft System The anti-theft allows medic to leave the vehicle with the keys with the engine running to keep the vehicle at the ideal operating temperature. It protects against theft by running off the engine if the vehicle moves.	1.00
CNV-LCK-12	ECOSMART Anti-Idling System The ECOSMART Anti-Idling System automatically stops the engine and restarts the engine of the vehicle in idling conditions. The ECOSMART Anti-Idling System is managed by the Demers Electronic Multiplex System (DEMS).	1.00

21-Paint and Decals (DEC)

Item Number	Name/Description	Quantity
DEC-PNT-11	Tri-Star Urethane Paint All exposed metal surfaces that are not plated or stainless steel shall be cleaned and	1.00



prepared and shall be painted or coated. The paint or coating, including any primer, shall be applied in accordance with the manufacturer's recommendation. The paint used shall be from Tristar, a high built polyurethane surface over epoxy primer application using one (1) acid stabilizing treatment. This paint is preferred by the purchaser as it has a durable lifespan, is resilient to harsh climates and remains pliable even in its hardened state to prevent cracking and chipping from normal ambulance body torsion.

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

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

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

Hardness: Pencil Hardness 2H minimum.

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

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

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

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

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

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

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

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

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



overall surface area, promote adhesion, enhanced corrosion, and blister resistance.

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

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

- **5-year / 180,000-mile paint warranty – 100% coverage** for defects and corrosion for full five (5) years. We have been a dealer for 10-years and to date, we have had ZERO paint warranty claims.

The ambulance body will be painted **WHITE** to match the chassis.

DEC-PNT-17	REMOVED Custom Paint Module to match OEM chassis color Module to be painted RED with urethane and clear coat to match OEM chassis ordered RED (includes module roof RED) - Ambulance body will be painted white	1.00
GRAPHICS	Graphics Allowance – Dealers Supplied A graphics allowance of \$ 7,500.00 is included for the future design and installation of graphics and lettering.	1.00

22-Drivers Compartment (CAB)

Item Number	Name/Description	Quantity
CAB-ACC-17	Glove Storage in Cab OEM Door Panels, Loose Gloves Glove storage compartment in OEM door panels for loose gloves.	1.00
CAB-CON-11	Floor-Mounted Console with control Floor-mounted console in front cab.	1.00
CAB-CTR-13	Control Center with Switches and Touch Pad Control center with rocker switches with LED backlit pictograms will be installed in the floor mounted console. - Full function of warning lights and patient area from cab via touch screen and rocker switches	1.00
CAB-CON-14	Armrests, Driver and Passenger, Individual Individual driver- and passenger-side armrests on sides of floor-mounted console.	1.00
CAB-LGT-15	Blank removable panels Blank removable panels will be installed in the cab console for the future installation of the mobile radio and other customer supplied equipment. Panels will be easily	1.00



removable with four screws. Panels will be movable to allow for a custom order per the customer's needs.

CAB-CON-15	Cup Holders, Dual, in Floor-Mounted Console Dual cup holders in floor-mounted console.	1.00
CAB-CON-29	Map bin storage (Dual) - Floor Console Map Bin Storage with Dual (2-slotted sections) - Floor Console	1.00
CAB-LGT-11	Cab headliner with Reading Lights, Red/Clear (2) Two (2) clear and red overhead LED reading lights.	1.00
SR00173887	Holder in cab console Install small square misc. item holder in cab console. Install in same plate as siren control head. Install on the right side of the siren control head.	1.00
SR00173899	REMOVED Glove box, (4), cab console Install 4 place glove box holder in the cab console rear of the map storage bin.	1.00

23-Curbside Configuration (CRB)

<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
	<p>The overall cabinet structure shall consist of interlocking extrusions. Extruded framework shall provide the structural integrity of the cabinets as well as creating the individual cabinet sections. These extrusions shall be custom fit and CNC cut to form the cabinet configuration. All cabinet extrusions shall incorporate a rounded edge to give an aesthetically pleasing appearance as well as providing a smooth, safe surface for the crew member. Mitered box framed cabinetry will not be accepted as a mitered corner produces sharp edges and potential gaps. Each interlocking extrusion joint shall be attached by two (2) hex machine bolts into the extrusion via a tap and die holes. These fasteners shall lock the cabinet frame structure into place and shall prevent the cabinet sections from twisting. Cabinet inserts shall be placed on the lip of the extrusion and shall be fixed with an adhesive as well as mechanically fastened into position. This structure alone shall resist to the pull test, the structural integrity of the cabinetry is not reliant on the interior storage cavity.</p> <p>All cabinets shall be easy to clean, impervious to soap, water, body fluids, and disinfectants and shall be mildew resistant.</p> <p>The compartment and closure device of the doors must meet KKK-A-1822F Change Notice 10 compliant to meet: SAE J3058 - Ambulance Interior Storage Compartment Integrity. The SAE J3058 explains dynamic and static testing procedures for evaluating the integrity of the cabinet and cabinet latch integrity standard, which will ensure cabinets retain rated equipment up to 40 lbs.</p>	
CRB-CON-18	Front curbside cabinet with squad bench. Front curbside cabinet with a 2- seat position squad bench will be installed on the curbside. <ul style="list-style-type: none"> - Two (2) slide out drawer facing the cot. - Slide Out sharps and waste facing the cot below the above drawers. - Second patient securement brackets will be provided and shipped loose with retaining straps 	1.00



CRB-CON-22	Convert tilt-out into drawer Drawer with waste (size) & sharps (1L) containers inside forward curbside cabinet. Deletes standard tilt-out.	1.00
CRB-NET-11	Safety Net Safety net at the head of the curbside configuration, by the side entry door (C2).	1.00
CRB-TEC-11	Full-Length Seat Cushion Full-length, thermoformed, molded seat cushion.	1.00
CRB-TEC-14	Seat Backrest Individual, thermoformed, molded backrests.	3.00
CRB-TEC-23	Seating, Two (2) Passengers, 1-Click, 4-Point 6-Point Safety Belts Seating for three (3) passengers with 6-point safety belts. Space for Flip-down and hands-free opening mechanism.	1.00
FCT-RGT-26	Glove Box Holder - Five (5) Glove Box Holder - Five (5) below curbside upper cabinet	1.00
FCT-RGT-35	Cabinet above the squad bench A curbside cabinet above squad bench shall be installed that is as large as possible to meet 43" headroom requirement. The approximate dimensions shall be 33.50" wide x 9.50" high x 8.50" deep for <u>each cabinet</u> – Total cabinet width of 67.00" wide. Each cabinet will have (2) sliding doors. - LED strip lighting shall be installed.	1.00
SR00173879	Second Patient Brackets, Curbside Second patient brackets and straps above squad bench cabinet for securing backboard / second patient see F19P-460 Pomasl Demo	1.00

24-Streetside Configuration (STR)

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

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

The compartment and closure device of the doors must meet KKK-A-1822F Change



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

STR-ACS-01	Primary action area A counter with a 1.0" lip shall be installed on top of the primary action counter. Two (2) oxygen outlets shall be installed above the counter. A manual bypass valve / oxygen override switch shall be installed next to the oxygen outlets. A manual suction regulator shall be installed above the counter with a Rico suction container will be provided. An angled black panel will be installed below the upper cabinet with rocker switch controls for the dome lights, suction, cabinet lighting, action area light, the inverter control panel, and other functions to duplicate the curbside touch screen controls.	1.00
STR-ACS-24	Suction Recessed Below Counter The suction container will be recess mounted below the counter next to the CPR seat.	1.00
STR-ACS-25	Storage cabinet below action area Storage cabinet below action area with sliding windows. (Reduce storage space inside S2 compartment)	1.00
FCT-LFT-27	Waste container with support bracket Waste container with support bracket, surface mount below the ECC counter. A 3-gallon Rubbermaid S-14491 will be provided. <ul style="list-style-type: none">- Location as follows: Mount on street wall under ECC counter / storage cabinet - to hold large waste & sharps	1.00
FCT-LFT-33	Additional sharps container Additional sharps container with bracket. <ul style="list-style-type: none">- Location as follows: Mount on street wall under ECC counter / storage cabinet - to hold large waste & sharps	1.00
STR-ACS-27	Cabinet above main counter A large storage cabinet shall be installed above the street side forward primary counter with two sliding doors. The approximate interior dimensions shall be a 42.50" long x 16.75" high x 11.00" deep. <ul style="list-style-type: none">- One (1) adjustable shelf shall be installed.- Five (5) adjustable dividers shall be installed on the floor of the cabinet.- Five (5) adjustable dividers shall be installed on the shelf.- LED strip lighting shall be installed. Restocking Feature: A piano style hinge shall be securely fastened to the top of the cabinet structure. Two (2) gas struts, one (1) on each side, shall be installed on the side of the cabinet to lift the cabinet's face when the two elbow latches are released. The	1.00



bottom lip of the cavity shall have a door stopper on which a pvc coating is applied to eliminate vibrations of the flip up.

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

STR-ACS-34 Storage cabinet above CPR seat (not KKK) 1.00
Additional storage cabinet above CPR seat with flip-up door

STR-REA-12 CPR Seat 1.00
A CPR seat will be provided. Seating for one EMT with 1-click, 4-point safety belt, no storage under the seat.

At the rear of the area will be a standard size counter with a 1.0" lip will be provided.

STR-REA-15 (2) Drawers under the rear counter 1.00
Two (2) slide out drawers will be installed under the rear counter rear of the CPR seat.

STR-MED-12 Upper rear interior storage cabinet 1.00
A large storage cabinet shall be in the upper section towards the rear with two (2) sliding doors. This cabinet shall extend from the CPR seat to rear door area. The approximate interior dimensions shall be a 41.75" long x 16.25" high x 16.00" deep.

- One (1) adjustable shelf shall be installed.
- **Five (5) adjustable dividers** shall be installed on the floor of the cabinet.
- **Five (5) adjustable dividers** shall be installed on the shelf.
- **LED strip lighting** shall be installed.

Restocking Feature: A piano style hinge shall be securely fastened to the top of the cabinet structure. Two (2) gas struts, one (1) on each side, shall be installed on the side of the cabinet to lift the cabinet's face when the two elbow latches are released. The bottom lip of the cavity shall have a door stopper on which a pvc coating is applied to eliminate vibrations of the flip up.

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

STR-MED-12 Medical Cabinet, Rear Middle, Interior/Exterior Access 1.00
A storage cabinet shall be in the rear middle section with two (2) sliding doors. This cabinet shall rearward of the section action counter. The cabinet will provide In/out access to the S3 exterior compartment. The approximate interior dimensions shall be a 41.75" long x 16.25" high x 16.00" deep.

- One (1) adjustable shelf shall be installed.
- **Five (5) adjustable dividers** shall be installed on the floor of the cabinet.



- **Five (5) adjustable dividers** shall be installed on the shelf.
- **LED strip lighting** shall be installed.

Restocking Feature: A piano style hinge shall be securely fastened to the top of the cabinet structure. Two (2) gas struts, one (1) on each side, shall be installed on the side of the cabinet to lift the cabinet's face when the two elbow latches are released. The bottom lip of the cavity shall have a door stopper on which a pvc coating is applied to eliminate vibrations of the flip up.

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

FCT-LFT-17	Glove Box (4) Holders at Rear of Medical Cabinet Recessed holder to contain four (4) gloves box, at rear of medical cabinet next to rear entry door. Restocking via pivoting door. (Glove box not included)	1.00
SR00173888	Adjustable Dividers, Street Side Cabinets Adjustable dividers on bottom of BOTH street side upper cabinets	1.00
SR00173901	Adjustable Dividers, Street side under counter Install adjustable dividers in cabinet under the ECC primary counter	1.00

25-Forward Bulkhead (FWB)

Item Number	Name/Description	Quantity
FWB-DIV-11	Sliding Door Crawl-Through Crawl-through with sliding door on front division to access to the cab. Opening will be approximately 20" wide x the height of the cab to the floor of the patient area.	1.00
FWB-LFT-11	Corner Cabinet, Streetside, Two Adjustable Shelves Corner cabinet on streetside of front wall. Includes two (2) hinged aluminum extruded doors with see through windows <ul style="list-style-type: none"> - Two (2) adjustable shelves - LED strip lighting installed. 	1.00
FWB-LFT-14	Locking Radio Communication Compartment Lockable compartment on street side for radio communication	1.00
FWB-RGT-12	ALS Cabinet – In/Out to exterior C1 door The ALS cabinet shall be made of an aluminum structure with smooth powder coated aluminum cavities and shelves.	1.00

The upper section shall be accessed via two (2) extruded aluminum doors with Lexan inserts. The doors shall be operated by a cam sliding system in which sliding the knob will release the two (2) plunger bolts located at the top and bottom side of the door. The whole mechanism is to be protected by an aluminum cover on the inside of the door. Approximate dimensions shall be 32.00" wide X 28" tall x 30.25" deep.

- One (1) adjustable shelf.
- **LED strip lighting** installed.



A fixed shelf shall be installed between the upper and lower ALS cabinet.

The lower section shall be accessed via two (2) extruded aluminum doors with Lexan inserts. The doors shall be operated by a cam sliding system in which sliding the knob will release the two (2) plunger bolts located at the top and bottom side of the door. The whole mechanism is to be protected by an aluminum cover on the inside of the door. Approximate dimensions shall be 32.00" wide X 29.25" tall x 30.25" deep.

- One (1) adjustable shelf.
- **LED strip lighting** installed.

SR00173882	Heated Compartment above ALS Cabinet A heated compartment will be located above the front wall ALS cabinet with a hinged swing up door. A digital thermostat will be installed in the head pad above the cabinet.	1.00
FWB-RGT-41	Pull-out tray in bottom ALS (towards the exterior) One (1) pull-out tray in bottom ALS (towards the exterior) to aid in loading & unloading large jump bags or other equipment.	1.00
SR00173883	Adj Shelves in bulkhead cabinet Adjustable shelves in 45-degree angled cabinet	1.00

26-Attendant Seat (AST)

Item Number	Name/Description	Quantity
AST-BSE-11	EVS Swivel Seat Base, Two (2) Positions EVS swivel 360 degrees seat base, locking in two (2) positions, forward and rearward positions	1.00
AST-HRS-12	EVS 1880 3Pts Vac-Formed Seamless Child Seat The EVS 1880 is a vac-form, seamless ambulance attendant's seat. Integrated child restraint system that allows uninjured children weighing between 20-65 lbs to be transported in a five point safety harness. When it is not needed, the child-insert can be folded into the seat and allow an adult to use the seat as a standard attendant's seat	1.00
SR00173898	Rear Facing Seat, ICS, 4-point Install an EVS brand rear facing attendant seat with integrated child seat (ICS) and with PRO4 Four Point Single Click with Four Retractors Comments: EVS 1880 with ICS and 2 Point Swivel Base selected in CPQ - Price for upgrading to PRO4 belting system	1.00

27-Cot Configuration (COT)

Item Number	Name/Description	Quantity
COT-ANC-23	Floor Plate & Pre-wire Power-LOAD - GEN 2 (NEW) Stryker Power-Load floor plate including the pre-wiring for charging feature. No cot fastener included from Demers, Dealer to install.	1.00
COT-POS-11	Center Floor-Mount Cot Configuration Center floor mount cot configuration	1.00



28-Switch Panels

Item Number	Name/Description	Quantity
CAR-CTR-10	Rocker Switch Controls with LED Backlit Pictograms Rocker switch controls with LED backlit pictograms installed on the cab console.	1.00
CAR-AUX-11	Rocker Switch Controls with LED Backlit Pictograms Rocker switch controls with LED backlit pictograms installed street side of the patient area.	1.00
CAR-AUX-11	Rocker Switch Controls with LED Backlit Pictograms Auxiliary Rocker switch controls with LED backlit pictograms installed on the curbside of the patient area.	1.00

29-Oxygen (OXY)

Item Number	Name/Description	Quantity
OXY-NTW-14	Oxygen Outlets, Four (4) Four (4) oxygen outlets. <ul style="list-style-type: none"> - Two (2) in ECC above the street side primary counter - One (1) on curbside above the cabinet - One (1) on the ceiling above the cot 	1.00
OXY-OUT-11	Oxygen Outlet, Quick-Connect Quick-connect style oxygen outlet.	4.00
OXY-REG-12	Oxygen Regulator, Manual, Sensor and Dig. Read-Out Manual oxygen regulator with pressure sensor and digital read-out .	1.00
OXY-REG-13	Oxygen Control Valve, Electronic, Manual By-Pass Electronic oxygen control valve with manual by-pass.	1.00
OXY-SPO-23	Recessed two oxygen cylinders inside squad bench Recessed two oxygen cylinders inside squad bench, mount horizontal ("D-size" only)	1.00
OXY-SPR-11	Universal Vertical Holder for Main Oxygen Cylinder Universal vertical holder for types "K" or "M" main oxygen cylinder in S1 streetside exterior compartment.	1.00

31-Suction (SUC)

Item Number	Name/Description	Quantity
SUC-LOC-11	Suction System location in ECC Main suction system is located in front streetside action area.	1.00
SUC-LOC-13	Suction System Below Action Area (ECC) Suction system recesses below action area (ECC), forward of medical cabinet	1.00
SUC-MOT-11	Thomas high flow vacuum pump Thomas high flow vacuum pump	1.00
SUC-OUT-11	Vacuum outlet QD in action area Vacuum outlet QD Puritan with yellow 5/16" hose 4 ft long	1.00



SUC-REG-11	Vacuum regulator with disposable canister Vacuum regulator with disposable canister	1.00
SR00173880	Bemis Suction Container Install a Bemis 1200 cc suction container with the mounting bracket attached to the right wall of the recessed area so the entire suction container fits inside the recessed area.	1.00

32-Electrical System (ELE)

Item Number	Name/Description	Quantity
ELE-GES-11	Multiplex Electronic Management System	1.00

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

The ambulance manufacturer shall have significant experience in installing multiplex and electrical systems. The purchaser is not interested in prototypical or logical systems that are untested or unproven by the ambulance manufacturer. The multiplex system specified here shall be fully developed, tested, in service for at least 15 years and shall be installed on at least 9000 units. Documentation of electrical systems installed, and in-service shall be provided at the purchaser's request.

Electronic Controller Units (ECU)

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

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

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

Serviceability

The ambulance multiplexing electrical system shall be designed to be maintained and serviced easily. In the unlikely event of an electrical problem, the ambulance's



electrical system shall be able to be connected remotely to the Internet and shall be able to be diagnosed or reprogrammed by a service technician at the ambulance manufacturer's main facility. This multiplex electrical system shall be proven to be virtually maintenance free. A failure (warranty) rate of less than 1% is required because this agency wishes to purchase an ambulance with the utmost reliability in service. Documentation of warranty claims relating to the electrical system shall be provided to the purchaser upon request.

Wiring

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

Wiring Harness

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

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

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

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

Wiring Identification

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

Circuit Protection

Circuits shall be provided with properly rated low voltage overcurrent protective devices. Such devices shall be readily accessible and protected against heat more than



the overcurrent device's design range, mechanical damage, and water spray. Circuit protection shall be accomplished by utilizing fuses, circuit breakers, fusible links, or solid-state equivalent devices.

Wiring Schematics

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

Electric Panel

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

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

Grounding

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

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

Switching Requirements

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

Voltage Alarm

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

Load Management

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

5-year / 180,000-mile electrical warranty, 100% coverage

ELE-ALT-14

Super Auto Eject Power Inlet, 20 Amps, Yellow

1.00

Kussmaul 120 Volts AC, 20 Amps Automatically disconnects shoreline

- Red cover
- **Green indicator light**



ELE-ALT-11	<p>Power Inverter, Xantrex Freedom, True Sine, 2000W</p> <p>A Xantrex Freedom CX power inverter rated for 2000-watts shall be installed in the patient compartment, behind the streetside cabinetry, in a ventilated storage area. The inverter shall be powered via a control panel in the rear attendant console. When this inverter is activated, all 110VAC outlets shall be energized.</p> <p>An inverter integrated battery charger shall be provided for maintaining, in conjunction with the multiplex isolator and the shoreline, OEM and conversion batteries in a fully charged condition when the shoreline is plugged.</p>	1.00
ELE-CON-13	<p>AC Delco Conversion Batteries</p> <p>Two (2) AC Delco batteries shall be installed <i>in addition to</i> the two OEM batteries. The OEM batteries shall not be relocated from their original positions while the additional conversion batteries shall be in a ventilated slide out drawer under the ALS compartment.</p> <p>A programmable multiplex battery isolator shall be installed to separate the chassis batteries from the patient compartment batteries. It shall monitor battery voltage and allow for OEM battery boost by the conversion batteries and full OEM battery charging via the shoreline. The different voltage limits will be programmable. A system comprised of an isolator, boost solenoid and trickle charger shall not be acceptable as this requires more components, cables, and connections.</p> <p><u>NOTE:</u> two (2) Ford OEM Motorcraft batteries will be installed under the hood of the chassis and will be dedicated to the chassis system for starting and chassis functions.</p> <ul style="list-style-type: none">- Four (4) total batteries to be installed.	1.00
ELE-CON-14	<p>12vdc Electrical Outlets</p> <p>12VDC power point outlets specified here shall be properly tested and shall be protected with a Schottky-style diode to isolate the medical equipment batteries from other loads. The diode shall be in the electrical panel and shall be wired to the conversion batteries. It shall be designed to handle voltage of at least 48VDC. All wiring to the 12VDC outlets shall be clearly labeled and shall be one (1) continuous run from the diode to the outlet. The locations shall be:</p> <ul style="list-style-type: none">- One above the primary action counter- One in the upper ALS cabinet- One above the counter rear of the CPR seat	1.00
ELE-CON-18	<p>Dual USB DC outlet with indicator</p> <p>Dual USB DC outlet with indicator. Details and location are as follows: (1) above ECC main counter</p> <ul style="list-style-type: none">- above squad bench cabinet- top of cab console	3.00
ELE-ALT-15	<p>Electrical Outlet, 120V AC with Indicator</p> <p>120VAC outlets shall be energized from the shoreline and/or from the inverter. All 120VAC outlets shall be UL certified, Nema 5-15, clearly identified on the unit, rated to 60Hz and have a pilot light when powered.</p> <p>A 120VAC GFCI shall be installed beyond the shoreline and shall disable all 110VAC outlets when tripped. The GFCI shall be in the rear attendant console for ease of consulting and/or resetting if needed.</p>	1.00



120VAC outlets shall be energized from the shoreline and/or from the inverter if equipped. All 120VAC outlets shall be UL certified, Nema 5-15, clearly identified on the unit, rated to 60Hz and have a pilot light when powered. The outlet locations shall be:

- One street side above the above the primary action counter
- One street side above the second action small counter
- One in the front bulkhead angled cabinet
- One in the upper ALS cabinet
- One in the lower ALS cabinet
- One in the cab on the right side of the cab console
- One curbside above the counter

SR00173909 **Power Strip, cab** 1.00
 One (1) power strip on top rear of cab console wired to inverter/shoreline

33-Communication System (COM)

<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
COM-RAD-14	Radio Communications Compartment A ventilated radio compartment above the cab to body walk-thru with a hinged door should be easily accessible. It shall contain a universal board, Bussmann blade-type fuse panels, and harness. (12V battery feed, ground, ignition).	1.00
COM-RAD-15	Radio Communications Front Console The front console in the driver's compartment shall have a universal board, Bussmann blade-type fuse panels, and harness for radio communication systems It shall contain a universal board, Bussmann blade-type fuse panels, and harness. (12V battery feed, ground, ignition).	1.00
COM-REC-11	Data Recorder Available Signals Data recorder available signals through a universal connector in the electrical compartment.	1.00

34-HVAC (CVC)

<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
CVC-CLD-11	OEM Tie-In Air Conditioning Unit System The air conditioning unit shall be tie-in to the OEM air conditioning system, cooling the air of the patient compartment through the ducted outlets. The Hoseline evaporator unit shall have a capacity of 580 CFM and cooling capacity of 30,000 BTU. The evaporator shall be installed in the patient compartment above the oxygen compartment. An AC high-capacity filter-drier shall be installed to the inlet of the evaporator to prevent debris and moisture in the system. It shall be accessible by removing the partition ceiling protector. Five (5) round adjustable vents installed at the ceiling with manual closures are installed above the street side cabinet in a padded diffuser and shall project at a downward angle toward the patient and crew. Cold air runs from the front evaporator to the vents through a one-piece angled duct to maximize and regulate air flow. It is	1.00



made of a lightweight material and insulated with high performance insulation to reduce thermal transfers and condensation.

- **Cold air blows out evenly throughout patient area evenly and efficiently cooling the entire patient area**

The patient compartment HVAC system shall be controlled by the driver cab console or the patient compartment, both sides, via the multiplex touch pad or touch screen. The patient compartment temperature shall be monitored by a thermostat incorporated in the multiplexing electrical system.

Additional to the three (3) preprogrammed speeds, an automatic mode shall be able to decide between heating, cooling, and fan speed in function of the set temperature versus the patient compartment temperature.

To achieve maximum efficiency and optimization of this system, the fans' speed shall be optimized via **Pulse Width Modulation (PWM)** to allow the heating and cooling system to run at its most effective speed. Adequate room for hose connections and hose lines shall be provided when installing HVAC components. The hoses shall be protected and insulated to optimize performance and longevity. They shall also be clamped every 18" with high strength clips and routed without sharp bends and kinks.

CVC-DIF-11	Air Conditioning Outlets, Round Round outlets for ducted air conditioning unit.	1.00
CVC-HOT-11	Heating Unit The heating unit shall be installed in the patient compartment in a location behind the street side cabinet, in the wheel well area. The heated air shall blow from below the side wall and just above the roll up floor in a cabinet full length aluminum vent. This ventilation system shall blow heat below the patient immediately and circulate upward , also creating a radiator effect as the heated air warms the side wall. The interior ducting shall be designed such that debris or liquids cannot enter vent.	1.00
CVC-VNT-13	Exhaust Fans (2) Two (2) exhaust fans for contaminated air. Activated by front control interface or rear console switch. The system must be able to circulate clean air into the patient area in 100 seconds or less.	1.00
CVC-VNT-15	UV Air Sterilization System The INTERCEPTOR's UVC Germicidal process will destroy airborne pathogens that technicians, drivers, patients and passengers come into contact with. To be installed inside module.	1.00

35-Interior Lights (ILG)		
<i>Item Number</i>	<i>Name/Description</i>	<i>Quantity</i>
ILG-PLF-11	LED Dome Lights, Adjustable, Dig. Timer Whelen round Super LED dome lights , Whelen #80C0EHCR, shall be provided in the patient compartment. The dome lights shall be controlled by separate switches for the left bank and right bank of lights. The dome lights shall be activated rocker switches on the cab console and both patient area control panels.	8.00



ILG-GEN-12	Blue LED strip lighting at floor level Blue LED 12V lighting in aluminum channel on both sides of the module for floor lighting	1.00
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36-Grab Handles (GBR)

Item Number	Name/Description	Quantity
GBR-COL-12	Grab Bars Color, Yellow Color of selected grab bars is Yellow.	1.00
GBR-DRS-11	Rear Door-Mounted Grab Bars, 16" x 16" Two (2) door-mounted grab bars, 16" x 16", inside of rear doors (A1 and A2).	1.00
GBR-DRS-12	Curbside Door-Mounted Grab Bar, 12" One (1) door-mounted grab bar, 12" each, on the inside of the side entry door (C2).	1.00
GBR-EMB-11	Embarking Grab Bars, 12" Two (2) entry grab bars, 12" each, mounted inside the patient compartment. One (1) near the curbside entry door, and one (1) near the R2 rear entry door.	1.00
GBR-PLF-11	Ceiling Grab Rails, 90", Two (2) Two (2) ceiling-mounted grab rails, 90".	1.00

37-Finish and Trim (FNS)

Item Number	Name/Description	Quantity
FNS-FLR-15	Altro Reliance 25, Midnight Altro Reliance 25 Midnight floor covering.	1.00
FNS-GRD-15	Safety Yellow Upholstery Yellow vinyl upholstery for safety exit padding covering.	1.00
FNS-GRD-18	Black upholstery Black vinyl upholstery for seat and padding covering	1.00
FNS-PLF-11	Fiberglass Ceiling Fiberglass ceiling in Patient Compartment.	1.00
FNS-STK-11	General Vehicle Identification Vehicle general labels identification.	1.00

38-Functionality (FCT)

Item Number	Name/Description	Quantity
FCT-PLF-11	Radio Speakers, Recessed, Two (2) Two (2) recessed radio speakers.	1.00
FCT-PLF-13	IV Hooks, Recessed in Ceiling, Flexible, Four (4) Four (4) recessed flexible IV hooks in ceiling.	1.00
FCT-RWR-11	Digital Clock, Driver and Step Indicator Lights Digital clock recess mounted into the rear head pad. Clock is designed for road use. Clock is 12vdc direct wire to the ambulance electrical. - Rear step indicator light - Brake indicator light - Turn signal indicator light	1.00



DEALER SUPPLIED ITEMS

- **(2) 5 lb. fire extinguishers with heavy duty vehicle mounting brackets**
 - Installed per customer directions
- **Peacemaker Heavy Duty grill guard will be supplied and installed on the front of the chassis**
- **Fog Lights, Amber LED**
 - Supply and install amber LED fog lights to the Demers pre-wire after the installation of the grill guard
- **Technimount Universal base**
 - Installed per the customer directions
- **Technimount Pro heavy-duty bracket to mount to your defib**
 - This is the bracket that mounts to your defibrillator. The bracket will ship loose with the ambulance
- **Stryker MTS 6390, Power-LOAD cot loading system**
 - Installed in the Demers supplied floor plates
- **Stryker 6507 Power Pro 2 power cot**
- **Stryker 6252 tracked manual stair chair**
- **(3) Flow meters**
 - (2) gravity flow meters for the wall mount oxygen outlets
 - (1) round dial flow meter for the ceiling oxygen outlets
 - Green barb trees are included
- **Dual Air Horns**
 - Dual Buell air horns will be installed on the front of the chassis. A VIAIR compressor kit will be supplied and installed. The compressor will be installed in the S2 compartment on the floor and will be protected with an aluminum cover.
- **Graphics allowance of \$ 7,500.00 is included**
 - The amount will increase by \$ 1,000.00 to a total of \$ 8,500.00 with changing the paint to White
- **A \$ 5,000.00 allowance is included to supply an dinstall misc. equipment as determined later.**
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- **Delivery to your station in Boyceville, Wisconsin**
- **Full tank of gas fuel upon delivery**
- **Orientation by the dealer**
- **Mobile Service by dealer with three mobile service vehicles**