

LEGAL NOTICE
TOWN OF LEDYARD, CONNECTICUT
INVITATION TO BID – BID #2014-10
NEW AMBULANCE

April 10, 2014

The Town of Ledyard seeks sealed bids for a new ambulance. Information to Bidders, Specifications, and Bid Proposal Forms may be obtained on the Town's Website at <http://ledyardct.org>.

Sealed proposals will be received by the Director of Finance, Ledyard Town Hall, 741 Colonel Ledyard Highway, Ledyard, CT. 06339, until 2:00 p.m., Thursday, May 8, 2014, at which time they will be opened and read aloud. Proposals received after that time will not be accepted and will be returned to the bidder unopened. Proposals should be clearly marked "SEALED BID #2014-10: LEDYARD AMBULANCE" and with bidder's full return address on the outside envelope.

Prospective Bidders may contact Russell Shaw, Administrator of Emergency Services, at (860) 449-3364 for additional information or clarification of the bidding process.

The Town of Ledyard reserves the right to waive any technical defects in the bids; to reject any bids which do not conform to the terms and conditions described in the specifications; to reject any or all bids and to again invite bids; and waive informalities or irregularities in the bidding process.

The award of a Contract, if awarded, will be to the lowest responsible qualified bidder, provided that the bid is reasonable, and provided that it is in the best interest of the Town of Ledyard to accept such bid, and subject to any choice by the Town of Ledyard as to any alternate specifications as may be agreed upon.

Marcia Hancock
Director of Finance

TOWN OF LEDYARD
BID #2014-10 – AMBULANCE
INFORMATION TO BIDDERS

1. The Town of Ledyard will receive sealed bids for a new ambulance for the Town's ambulance service.
2. Bids will be received until 2:00 P.M., Thursday, May 8, 2014 at which time they will be publicly opened and read aloud at Town Hall, 741 Colonel Ledyard Highway, Ledyard, CT. Any bid received after the scheduled closing time for the receipt of bids will be returned to the bidder unopened.
3. Bids must be submitted in sealed envelopes addressed to Director of Finance, Ledyard Town Hall, 741 Colonel Ledyard Highway, Ledyard, CT 06339, and must include the words "SEALED BID #2014-10: AMBULANCE" on the outer envelope. The bidder's return address shall also be provided on the outer envelope.
4. Bids must be submitted on the bid form attached. An original and one (1) copy as well as one electronic copy shall be submitted.
5. Subject to the rights reserved to the Town of Ledyard in Instruction Number 6, the contract shall be awarded to the lowest responsible, qualified bidder, provided that funds are available.
6. The Town of Ledyard reserves the right to waive technical defects in the bids; to reject any bids which do not conform to terms and conditions described in the specifications; to reject any or all bids and again invite bids; and waive informalities or irregularities in the bidding process.
7. In submitting this bid, bidders agree to hold their bid open for 60 days after the actual bid opening date..
8. The Town of Ledyard is exempt from tax on material, supplies and labor. Connecticut sales or use taxes shall not be included as part of the bid.
9. Any deviations from the technical specifications shall be identified and described.
10. Bidders shall include in their submittal equipment brochures, including representative photos, specification sheets, a list of accessories (if applicable), and standard warranty provisions.
11. Prospective bidders may contact Mr. Russell Shaw, Administrator of Emergency Services, at (860) 464-3364 for additional information or clarification regarding the bid specifications.

BID SHEET

Total Cost Proposal \$ _____

Trade in Options

Option "A"

Trade in Value for existing 2003 Life line Ambulance and transfer of customer's present Stryker PowerLoad System into the proposed unit.

\$ _____

Option "B"

Trade in Value for existing 2003 Life line Ambulance with customer's present Stryker PowerLoad System. Installation of a new current model Stryker PowerLoad System into the proposed unit.

\$ _____

<div> <div>Specifications for Town of Ledyard</div> <div>New Ambulance</div> </div>	Bidder Complies	
	Yes	No
<div>BID SPECIFICATIONS</div> <div>Please place a “checkmark” in the appropriate column and fill in appropriate blanks.</div> <div>The Town of Ledyard is requesting bids for one new 2014 or newer GMC 4500 diesel with a New Type III Ambulance module. Unit must meet all current KKK A-1822F and State of Connecticut regulations for its intended use and be constructed in a quality workmanship manner.</div> <div>BID FORMAT</div> <div>For ease of comparison, all bid proposals must be submitted in the same order as these specifications. Ledyard will compare all bids to determine best value. These specifications are written to provide direction and to provide a common format for comparisons. Our desire is for manufacturers to submit their best product that meets with this direction without having to re-engineer their regular product. Specifications in the area of compartment size and location are meant to be guidelines. Vendors are encouraged to offer alternatives or multiple bids for evaluation.</div> <div>DELIVERY</div> <div> Delivery of the proposed vehicle must be within 240 calendar days from receipt of bid award. Bid price must include delivery to the the Town of Ledyard. Since delivery proposals by the bidder will weigh heavily in the determination of this bid award, the delivery schedules that are being submitted by the bidder will automatically become binding upon the award of this contract to the successful bidder. The bidder will hold him/herself legally responsible if these specifications are not met at the time of delivery. The successful bidder must provide a training seminar for members of the purchasing organization to familiarize them with the operation of the vehicle upon delivery. <div>Proposed delivery date _____</div> </div> <div>ACCEPTANCE</div> <div>Should the vehicle being proposed not meet or exceed the specifications called for within this package, the purchaser reserves the right to reject the vehicle penalty fee.</div> <div>PAYMENT</div> <div>Bid price must remain binding for a period of sixty (60) days from the bid opening date. Payment will be made in full only after delivery and acceptance of the completed unit. A Bill of Sale and both chassis and conversion Manufacturer’s Statements of Origin (M.S.O.) must be provided at time of delivery and receipt of payment in full.</div> <div>WARRANTIES</div> <div>Please list the maximum warranty limitations by number of years / mileage. If any of the warranties are <i>pro-rated</i> by time, mileage, or other condition, please specify</div> <div> 1. Modular Body Structural _____ 2. Interior Cabinets _____ 3. Water Intrusion _____ </div>		

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	Yes	No
<div> <div> <div>4. Inverter Electrical System _____</div> <div>5. Electrical System Wiring Harness and Switches _____</div> <div>6. Paint _____</div> <div>7. Chassis _____</div> </div> <div> <div>SERVICE SUPPORT AND AVAILABILITY</div> <div> <p>Service will be a major factor in the award of this proposal. Convenience and experience will be factors in determining acceptable service. A service facility within a reasonable radius will be required. Person who perform the training shall be trained by the manufacturer. Special attention shall be given to electrical and HVAC service.</p> <p>Please include the following:</p> <ul style="list-style-type: none"> Facility name and address _____ Distance to the service facility _____ List any mobile service available _____ <p>If additional space is required attach sheet to end and make notation here.</p> </div> <div> <div>QUALITY AND WORKMANSHIP</div> <div> <p>The design of the Ambulance must embody the latest approved automotive engineering practices. The workmanship must be of the highest quality in its respective field. Special consideration will be given to the following points: accessibility of the various units which require periodic maintenance operations, ease of operation, and symmetrical proportions.</p> <p>Construction must be rugged. Ample safety factors must be provided to carry loads as specified and to meet both on and off road requirements and speed conditions as set forth under traditional EMS conditions.</p> </div> <div> <div>DRAWINGS</div> <p>Bidder must include 8½” x 11” proposal drawings of the vehicle being proposed, showing the locations of all requested equipment, cabinets, compartments and all dimensions. Views must include front and rear exterior views, street side and curb side exterior views, and interior views of front wall, rear wall, main cabinet wall, bench wall, and overhead.</p> <p>The delivered load height must useable with a Stryker PowerLOAD system and disclosed on the Bid by vendor. Load Height _____</p> <p>Wet weight of vehicle must be listed by bidder. Wet weight _____</p> </div> <div> <div>CHASSIS</div> <p>New 2014 GMC 4500 diesel powered 14,200 GVW Chassis with YF2 Ambulance prep package.</p> <p>ENGINE: 6.6L Duramax Turbo.</p> <p>TRANSMISSION: 6 speed Heavy Duty automatic transmission</p> </div> </div> </div> </div>		

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<p>BRAKE SYSTEM: Heavy Duty 4 wheel disc and anti-lock brake systems</p> <p>REAR SUSENSION AND DRIVE AXLES: Heavy Duty Locking Differential with a gross vehicle weight rating certified for use with an ambulance package including cargo and payload. The standard OEM rear axle sway bar shall be removed and replaced with an IPD/Roadmaster sway bar.</p> <p>FRONT SUSPENSION AND STEERING: The standard OEM front axle sway bar shall be removed and replaced with an IPD/Roadmaster sway bar. Chassis shall be equipped with power-assist steering and tilt steering wheel.</p> <p>WHEELS AND TIRES: Standard tires and wheel with Stainless wheel covers and solid extension valves with stabilizers for inside rear duals.</p> <p>SIDE VIEW MIRRORS: Velvac Model 2020XG heated and motorized side view mirrors shall be supplied. Mirrors shall be black in color.</p> <p>AM/FM Radio: Manufacturer O.E.M. AM/FM/CD stereo radio shall be installed with two speakers in the driver's cab and shall include a digital clock.</p> <p>THROTTLE MANAGER: A low voltage throttle manager shall be installed as part of the ambulance package. All safety interlocks must be in place for the manual throttle to activate the high idle function. It shall be preset so that when activated it will operate the engine at a speed necessary to maintain proper system voltage. The device shall operate only when the vehicle is in "park" and the parking brake is engaged. The device shall disengage when the service brake pedal is depressed or the transmission is placed in gear. The device shall automatically reengage when the service brake is released or the vehicle is again placed in "park" and the parking brake engaged. (When allowable, the above the throttle system shall interface with the Electrical Control System)</p> <p>POWER DRIVER’S SEAT: The driver’s seat shall be equipped with an OEM 6-way power adjustable seat base.</p> <p>REMOTE KEYLESS ENTRY: The chassis shall be equipped with two (2) OEM remote key fobs. Emergency push button to unlock drivers cab door behind the grill on the passenger side</p> <p>POWER WINDOWS AND DOOR LOCKS: The chassis shall be equipped with OEM power windows and door locks. (Cab only)</p> <p>HAND HELD CAB SPOTLIGHT: There shall be a 400,000-watt candlepower "Optronics Blue-Eye" hand held spot light located in the vehicle cab. A Polyurethane covered open top box large enough to accommodate the hand help spot light shall be supplied.</p> <p>DRIVER’S CONSOLE: A custom driver's control panel console shall be installed. This console shall be designed to allow easy access from either cab seat. This console shall be manufactured</p>		
Page 3		

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<p>out of wood and a color coordinated laminate. The radius corners shall be an aluminum extrusion. The console shall include a switch and siren area, radio control area, map storage, and cup holders.</p> <p>REAR TIRE CHAINS: The ambulance vehicle shall have On-Spot Tire Chain system installed. Shall include a guarded style switch mounted on the console, and a polyurethane covered cage and shelf for the compressor.</p> <p>BATERRIES: The ambulance shall be equipped with dual yellow top Optima batteries. The batteries shall have a minimum of 750 CCA. The battery compartment shall be sealed off from the patient compartment, exterior compartments, and cab. Battery cables shall be a minimum of 1/0 gauge.</p> <p>OWNER'S MANUAL A complete ambulance manufacturer's owner's manual shall be included with vehicle. The manual will include wiring diagrams as well as a wiring narrative about the vehicle. Also included will be all additional manufacturer instructions from options provided.</p> <p>MODULE BODY The body exterior shall be a minimum of 170" long x 96" wide x 90" high.</p> <p>MODULE BODY CONSTRUCTION Modular body construction methods and materials must be certified in compliance with AMD Standard 001, "Static load test for ambulance body structure". All body panels, structures, and extrusions shall be fabricated of ALL ALUMINUM construction using alloys consistent with the load requirements of the vehicle. Exterior body sides and ends shall be fabricated from .125" thickness single flat sheet aluminum or better.</p> <p>MODULE MOUNTING The cutaway module shall be mounted using ladder frame cross members and OEM rubber spacers with steel sleeves. A minimum # 8 grade bolt and locking nut provided with chassis shall be used. These mounting points shall utilize existing OEM frame rail holes whenever possible. An extruded EPDM closed cell cab sponge seal shall then be attached to the rear of the cab opening to seal the opening between the module and cab. This flexible seal shall be installed as one continuous piece. The Mounting system shall meet all OEM and FMVSS requirements.</p> <p>ROOF The roof shall be one piece .090 sheet or greater. The horizontal roof extrusions shall incorporate an extruded drip rail on all four sides of the body. The roof shall be crowned 1/2" to facilitate water runoff. The roof sheet shall interlock with the roof frame extrusions. The roof shall be insulated and include a four millimeter vapor barrier.</p> <p>UNDERCOATING After the body is assembled, all under body surfaces are to be heavily coated with automotive grade petroleum based undercoating to protect against road salts and to provide additional sound deadening.</p>		
Page 4		

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<div> <div> <div>KKK PACKAGE</div> <div>To assist in meeting the federal procurement specification - KKK-1822-F the following components shall be included:</div> <div> <div> <div>Oxygen Regulator</div> <div>2, five pound fire extinguishers</div> <div>Oxygen wrench</div> </div> </div> </div> <div> <div>FINISHED HEADROOM</div> <div>The interior of the patient compartment will provide no less than 72 inches of finished headroom from floor to ceiling.</div> </div> <div> <div>CAB TO MODULE BULKHEAD WALL</div> <div>The cab to module bulkhead wall shall be recessed to allow for full seat travel and a slight recline of the seat back.</div> </div> <div> <div>CAB TO MODULE DOOR</div> <div>A chassis cab to modular body walk-through entrance to the patient compartment shall be provided. It shall be a minimum of 18” wide. This entrance shall have a sliding door that latches open and closed only from the cab side. The door shall have a window. A track shall provide rattle free operation. The door shall be lockable from the cab side.</div> </div> <div> <div>VENTS</div> <div>There shall be a minimum of three Perko style intake and exhaust vents mounted high on the ambulance body.</div> </div> <div> <div>WHEEL WELL TRIM</div> <div>There shall be fenderettes installed around the rear body cutout above the rear wheels. Housings shall attach to the modular body utilizing stainless steel bolts with barrier tape and "ECK" applied between the dissimilar metals. Fasteners shall not be exposed.</div> </div> <div> <div>MODULE ENTRY DOORS</div> <div>There shall be entry doors on the curbside and the rear of the patient compartment. The entry doors shall be recessed into the extruded frame that shall be level with the exterior wall skin. Doors shall be adjustable have a vapor barrier and be insulated. Doors shall have a full seal mounted in a way to protect them from abuse. All door latch Nader pins shall be adjustable. Inner and outer sills of the entrance doorframes shall be trimmed with formed, brushed stainless steel plates to protect painted surfaces.</div> </div> <div> <div>PROTECTIVE PADDING</div> <div>There shall be protective pads directly above the side and rear doors. These pads shall be a minimum of 2” thick and shall be constructed of high-density foam and heavy-duty vinyl. No piping shall be used and all seams shall be sealed to repel contaminates. The cushions shall be installed with industrial grade plastic hook and loop Velcro allowing easy removal for cleaning. Pads over entry doors shall extend below the Nader pins to prevent serious head injury. These pads shall be trimmed on the exterior side with stainless steel.</div> </div> </div> <div> <div>Page 5</div> </div>		

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<p>DOOR HARDWARE</p> <p>Each modular body entrance door shall be equipped with two heavy-duty rotary latches to meet FMVSS 206 standards. Each rotary latch shall close on a post (Nader pin) mounted to the doorframe extrusion. Both rear doors must latch onto the doorframe. All door latch posts shall be adjustable. A continuous door gasket shall be installed 360 degrees around the entire door. Stainless steel sill plates shall be installed on all inner and outer doorsills.</p> <p>Each door shall have a continuous three inch wide stainless steel hinge with a .250" pin. Hinges shall be slotted for adjustment and attached to the door with .250" stainless steel Truss head bolts for easy removal. Hinges shall also be bolted to the module body frame. The use of rivets or self-taping screws/bolts will not be acceptable. A dielectric barrier to include "Eck" and anti-corrosive tape shall be provided between the hinge and the door-frame.</p> <p>MODULE ENTRY DOOR REFLECTORS</p> <p>There shall be two (2) red reflectors mounted on each module entry door.</p> <p>MODULE SIDE ENTRY DOOR</p> <p>The side entrance door shall be equipped with a heavy-duty gas dampening hold open device that shall hold the door open at 90 degrees, equipped with a manufacture sized 16" x 20" sliding, tinted safety plate window in an aluminum frame with a threshold with non-slip tape installed..</p> <p>REAR MODULE DOORS</p> <p>The ambulance module shall have a minimum of 56 inches of pass thru height at rear doors. The rear doors shall also have Grabber style hold opens with replaceable rubber catches. The Cast Products "Grabber" style hold opens shall be installed on each door with the appropriate socket being installed on the rear body wall attached to an aluminum support tube. Rear entry doors shall be equipped with a non-opening, tinted safety plate window in an aluminum frame. Doors shall be equipped with stainless steel, slam style paddle handles. The secondary rear door shall have both an interior and exterior paddle latch. A nonskid easy-grip surface shall be applied to the backside of the handle. There shall be a rubber gasket installed between the paddle handle and the door. All screws shall be coated with an anti-corrosive paste prior to application. All entrance doors and exterior compartment doors shall be keyed alike. The right rear and side entrance doors shall be lockable from inside or outside.</p> <p>DOOR PANELS</p> <p>All module door interior panels shall be installed using stainless steel, fine thread, flathead machine screws with locking cage nuts. All areas that will not accommodate a cage nut shall be a minimum quarter inch thick and be tapped. The use of self-tapping screws will not be allowed.</p> <p>DOOR PANELS</p> <p>Each modular entrance door shall have removable minimum .100" aluminum inside access panel to facilitate latch adjustment or repair. The lower interior panel shall be .100 polished, bright aluminum tread plate. The upper interior door panels shall be minimum .100" aluminum covered with laminate. They shall be recessed into the door extrusion and attached using stainless flathead</p>		
Page 6		

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<p>screws and locking cage nuts. All areas where a locking cage nut cannot be applied, a stainless steel machine screw will be tapped into a minimum .250 aluminum.</p> <p>STEP WELL STORAGE</p> <p>A formed aluminum side entrance doorstep shall be recessed into the body and be lined with bright aluminum tread plate on all exposed surfaces. The step well shall include a recessed section in order to accommodate "D" size oxygen tank(s) on the side of the step well. The step well shall be lighted.</p> <p>SIDE BODY WINDOW</p> <p>There shall be a sliding window installed in the side of the module body. The window shall be a minimum of 30" x 16".</p> <p>PRIVACY PANEL</p> <p>The side body module window shall have a single section sliding privacy panel with marker board installed.</p> <p>EXTERIOR COMPARTMENTS</p> <p>The exterior compartments shall be formed from a minimum .090" aluminum sheet. The compartments shall be welded to the body floor and sidewall structure for strength and rigidity. All corner seams shall be welded and caulked.</p> <p>MODULE COMPARTMENT DOORS</p> <p>All doors shall be a minimum of 2" thick, framed by aluminum extrusions. The door frame extrusion will be continuously welded to the wall skin and a minimum, two-inch square framing extrusion. The door frame extrusion shall be level with the side and rear body skin. In addition to the extrusions reinforcing each outer door pan, the extrusions themselves shall be reinforced through a dual joining method. Each mitered corner, where the framed corners join, shall be fitted with an angled gusset and an exterior .125 door pan. The corners shall then be welded and finished smooth. The door facing and the edge shall be a single .125 skin. All doors shall include 2" foam plank insulation. Doors that employ square tube and box pan sheet construction are not acceptable.</p> <p>The compartment door jamb shall be welded to a minimum 2" x 2" tube. The door jamb trim shall also be welded on the interior where each door pin is located. All doors shall mate with the doorframe extrusion, forming a gasket area for the pneumatic door seal.</p> <p>The exterior door panels shall be formed to surround the extruded perimeter framing and be welded in place. Door corners shall be welded and ground smooth. The maximum space between each of the three quarter welds shall be fifteen inches. Interior panels shall be recessed into the extruded frame and screwed into place using stainless steel flat head machine screws and locking cage nuts. All areas that will not accommodate a locking cage nut will have screw holes tapped into a quarter inch of aluminum.</p>		
Page 7		

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	Yes	No
<p>COMPARTMENT DOOR HARDWARE</p> <p>Doors shall have rotary latches with stainless steel, slam style paddle handles. A nonskid easy-grip surface shall be applied to the backside of the handle to permit a gloved or wet hand to easily grip the handle. There shall be a rubber gasket between the paddle handle and the door. All door latch posts shall be adjustable. All compartment doors shall be keyed alike and lockable with a double bit key.</p> <p>A continuous door gasket shall be installed 360 degrees around the entire door. Stainless Steel sill plates shall be installed on all inner and outer doorsills. All doors, except the battery compartment, and the rear oxygen storage door (if applicable) shall have a heavy-duty gas dampener style hold open device.</p> <p>The battery compartment, as a minimum shall open near 180 degrees. It shall be equipped with rubber bumpers to protect the doors and finish.</p> <p>Each door shall have a continuous stainless steel hinge with a .250" pin. Hinges shall be slotted for adjustment and attach to the door with .250" stainless steel truss head bolts for easy removal and cleaning. The truss head bolts shall be mated with a machine applied nutsert. Hinges shall not be riveted to body or doors. A dielectric barrier to include both "Eck" and an anti-corrosive tape shall be provided between the hinge and the door-frame. All single compartment doors on sides shall be front hinged for safety and convenience.</p> <p>All doors taller than the belt line shall have two (2) latches and Nader pins.</p> <p>Compartments requiring double doors shall provide frame latching for the second door. Doors that latch to each other shall not be acceptable. Each door shall have an exterior latch.</p> <p>DOOR SEALS</p> <p>The door seals must provide a 360 degree uninterrupted seal with a full 1/2" of compression. Door latches shall be inboard of the seal, therefore protecting latches from dirt, moisture, and weather deterioration. Seals shall be mounted in a way to protect them from abuse. All door latch Nader pins shall be adjustable.</p> <p>Inner and outer sills of the compartment doorframes shall be trimmed with formed brushed stainless steel plates to protect painted surfaces. They shall be applied with adhesives. No mechanical fasteners may be used.</p> <p>VENTING</p> <p>In order to prevent airlock inside compartments, all exterior equipment storage compartments shall be vented. There shall be two stainless steel vents in each compartment, one left side, and one right side. All exterior compartments shall be vented.</p> <p>All vents shall be above the floor line to prevent dust from entering the compartment. The only exception shall be the oxygen compartment, which may have a vent in the door and/or below the floor line. All vents below the floor line shall have a scotch-brite style filter installed to help prevent moisture and dust from entering the compartment.</p>		
Page 8		

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<p>REFLECTORS There shall be two red reflectors mounted on each full height compartment door.</p> <p>DOOR PANELS All compartment interior door panels shall be polished diamond plate aluminum. They shall be recessed into the door extrusion and attached using stainless flathead screws and locking cage nuts. All areas where a locking cage nut cannot be applied, a stainless steel machine screw will be taped into a minimum .250 aluminum. Interior door panels that are not recessed could have sharp edges and increase the likely-hood of contamination by blood borne pathogens. The use of self-tapping fasteners or rivets will not be accepted. No Exceptions.</p> <p>DOOR SWITCHES Door jamb switches for interior lights, exterior compartment lights, door ajar lights and rear load lights shall be magnetic style with ground wire trigger activated relays.</p> <p>EXTERIOR COMPARTMENT LINING All exterior compartments shall be lined with a blended component polyurethane/polyurea coating. This coating shall have a minimum thickness of .0625" in low wear areas and .125" to .188" in all other areas. The material shall be nonporous and allow for easy cleaning. It must be highly resistant to scratching and scuffing.</p> <p>This material shall be sprayed on all exterior compartment surfaces and finished in a mottled texture to minimize slippage; it shall provide a water/air tight seal and superior noise suppression. The polyurethane/polyurea Lining will not crack, peel or warp and will resist scratches. The color of this material shall be medium gray.</p> <p>COMPARTMENT LIGHTS All compartments except the right-front inside/outside P-1 shall be equipped with surface mounted 3” Whelen #3SC0CDCR Round Super-LED lights with #3flangec chrome flange with gasket.</p> <p>CURBSIDE FRONT BACKBOARD COMPARTMENT Clear Interior dimensions of 15” wide by 81” tall by 20” deep. There shall be a curbside front backboard compartment forward of the inside/outside compartment. Includes Fixed Vertical Divider And Horizontal Shelf. Install Aluminum Dividers. Install The Vertical Divider to allow for storage of a Stryker stair chair. Install The Horizontal Divider On The Right Side. Install Horizontal divider 41" up from floor of compartment.</p> <p>Three sets of equipment straps installed. (1) P-1 across Lower Section. (1) P-1 across Upper Section (1) P-1 across Upper Right Section Midway Between Horizontal Divider and Top of Door Jamb.</p>		
Page 9		

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<p>CURBSIDE IS/OS COMPARTMENT Clear Interior dimensions of 20” wide by 57” tall by 27” deep. Be forward of the side entry door and of an inside/outside design and shall have one fixed and two adjustable PVC shelves. (1) Adjustable In the Upper Section. (1) Adjustable In the Lower Section. With a smooth interior laminate lining.</p> <p>BATTERY COMPARTMENT There shall be a curbside front exterior battery compartment with slide out tray below the IS/OS compartment. The tray shall have a lockable latch on each side. It shall be capable of holding a minimum of two batteries. CURBSIDE REAR COMPARTMENT Clear Interior dimensions of 40” wide by 19” tall by 19” deep. It shall have double doors.</p> <p>STREETSIDE FRONT COMPARTMENT Clear Interior dimensions of 25” wide by 81” tall by 19” deep. Mounted O2 Zico lift with pass thru and fixed .125 inch polyurethane/polyurea covered aluminum vertical divider for scoop stretcher. A set of equipment straps installed on front wall.</p> <p>STREETSIDE MIDDLE COMPARTMENT To be as large as possible.</p> <p>There shall be one (1) diamond plate adjustable shelves installed. Each shelf shall have two inch lips and a ribbed rubber shelf-matting.</p> <p>STREETSIDE REAR COMPARTMENT Clear Interior dimensions of 39” wide by 36.5” tall by 19” deep with a split level depth 8” deep above floor line, full depth below. This shall be a streetside double door rear compartment.</p> <p>There shall be one (1) fixed diamond plate shelf(s) with two inch lips installed just above full depth section of compartment.</p> <p>VERTICAL DIVIDERS There shall be two (2) fixed .125 inch polyurethane/polyurea covered aluminum vertical divider(s). Specify Compartment: (1) D-1 forward of the Zico Lift. Allow enough space for a Scoop Stretcher. (1) D-2 between shelf and trash.</p> <p>COMPARTMENT STRAPS Four (4) compartment(s) shall have a set of equipment straps installed. Specify Compartment Location: (1) D-1, Wall #1 (1) P-1 across Lower Section.</p>		
Page 10		

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	Yes	No
<div> <div> <div>(1) P-1 across Upper Section</div> <div>(1) P-1 across Upper Right Section Midway Between Horizontal Divider and Top of Door Jamb.</div> </div> <div> <div>REAR STEP AND BUMPER ASSEMBLY</div> <div>There shall be a heavy duty bumper extending to each side of the step. The under carriage shall be constructed of 4 inch aluminum channel and tubing, bolted to the body and the chassis frame rails with a minimum of eight bolts. The bumper framing shall be reinforced with an additional 4 inch aluminum support coming out from the chassis frame rails at a 45-degree angle to the outside corners of the bumper. The entire assembly shall be spaced out from the rear kick plate a minimum of one inch.</div> <div>There shall be a 45" wide by 10" deep passenger step at the rear of the body. It shall be constructed of open face "Grip-Strut" safety grating, rigidly framed and supported. The rear step shall be hinged to allow it to be recessed into or folded against the rear of the body.</div> <div>End sections outboard of the step shall be covered with .125 aluminum diamond tread with all corners TIG welded. The outboard sections shall be level with the open face "Grip-Strut". The outside corners of the covers shall be tapered 15 degrees to minimize bumper dragging.</div> <div> <div>MODULE REAR BUMPER</div> <div>All Aluminum support, channel and tubing construction of the undercarriage shall be replaced by steel and include counterweight.</div> </div> <div> <div>REAR KICK PANEL</div> <div>The vertical surface at the rear of the modular body between the rear step and the floor of the patient compartment shall be faced with a full-width 3003 diamond tread aluminum. The rear kick panel shall be attached using stainless flathead countersunk machine screws.</div> <div>The screws shall be tapped and applied with "ECK" prior to installation. The top edge of the rear kick panel shall be caulked using white auto body sealant.</div> </div> <div> <div>REAR STEP UP SWITCH</div> <div>A magnetic proximity switch shall be installed to indicate rear step is in the up position. This is to include an indicator LED light mounted in the cushion above rear entry doors.</div> </div> <div> <div>LOWER SIDE IMPACT RAILS</div> <div>There shall be rigid aluminum impact rails with cast aluminum end caps installed at the lower edge of each side of the body.</div> </div> <div> <div>DIAMOND PLATE RUNNING BOARDS</div> <div>Bright finished aluminum diamond plate running boards of .125" with grip strut inserts shall be installed on both the curb and street side of the cab doors. Running boards shall incorporate a center grip strut surface. The running boards shall include front splash shields.</div> </div> </div> </div>		

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	Yes	No
<p>LED RUNNING BOARD LIGHTS Running boards shall be illuminated by Whelen surface mounted LED lights. These lights shall be installed on the front of the module body.</p> <p>MUD FLAPS The chassis shall have heavy-duty rear rubber mud flaps with metal stabilizers installed.</p> <p>DRIP RAILS Polished aluminum drip rails shall be installed over all exterior compartment and modular entry doors. Drip rails shall be installed with double stick tape to prevent corrosion. Drip rails installed with screws shall not be acceptable due to the probability of corrosion from dissimilar metals. Use 1 Piece Section Over The P-1/P-2 Compartments.</p> <p>FRONT STONE GUARDS There shall be diamond tread aluminum stone shields 24" high wrapped around each front corner of the body and extending into cab depth. The edges shall be sealed.</p> <p>REAR STONE GUARDS There shall be diamond tread aluminum rear corner stone shields at rear kick plate height installed. The edges shall be sealed.</p> <p>FUEL FILL HOUSING Chassis OEM fuel-fill assemblies shall be utilized. A cast aluminum fuel fill protector shall be recessed into the body above and behind the street side rear wheel well. Chassis OEM Diesel Exhaust Fluid fill assemblies shall be utilized in factory location. A cast aluminum urea fill protector shall be recessed into the body.</p> <p>FUEL FILL PLATE Chassis OEM fuel-fill assemblies shall be utilized. When necessary cast aluminum body fuel fill protectors shall be recessed into the body above and behind the street side rear wheel well. There shall be a polished stainless steel plate mounted under the fuel fill area. (1) DEF Fill (1) Fuel Fill</p> <p>LICENSE PLATE HOUSING REAR The rear license plate housing shall be a CPI housing. It shall include two clear LED license plate lights.</p> <p>ELECTRICAL AND LIGHTING SYSTEMS All wiring and cable assemblies shall be totally encased in protective, convoluted, high temperature, 300-degree flame resistant, automotive type, and polyethylene loom. Wiring which is routed near potentially sharp edges shall be protected by grommets or edge guard material.</p> <p>All wiring shall be permanently color-coded and permanently embossed with number and function codes, spaced every 4 inches on each wire.</p>		
Page 12		

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	Yes	No
<p>Circuits shall serve the ambulance body and accessory electrical equipment separate and distinct from the vehicle chassis circuits.</p> <p>All wiring used shall be stranded copper with thermoplastic insulation rated to 150 degrees Centigrade. All splices and terminals provided shall comply with SAE J163, J561, or J928 as applicable.</p> <p>All wiring between the cab and module shall be connected to a terminal block located in an exclusive wire terminal interior cabinet providing a clean/dry environment for all electrical control components.</p> <p>The completed ambulance must meet or exceed all AMD Standards.</p> <p>A complete Owner's/Operating/Service Manual shall be provided. It shall contain a complete set of wiring schematics of the ambulance manufacturer's electrical system. It shall also contain the owner's manuals for all add-on and after-market components supplied by the ambulance manufacturer.</p> <p>The electrical system is be nonproprietary and a standard 12v system.</p> <p>CAMERA SYSTEM The system will include (1) camera for back-up/reverse, (1) camera for patient compartment, & (2) cameras for right \left turn signals.</p> <p>AUDIBLE ALARMS Two (2) audible alarms shall be mounted in the cab area. (1) for parking brake to sound when the unit is placed into a drive gear and (1) for any compartment/entry door open.</p> <p>VISUAL ALARMS Two (2) visual alarms shall be mounted in the cab area, one (1) for any compartment door open and one (1) for any module entry door open.</p> <p>RESERSE ACTIVATED ALARM The backup lamp switch shall be a cut off for the backup alarm and shall automatically reset when the vehicle is taken out of the reverse gear. This switch shall be capable of being set prior to going in reverse, allowing the backup alarm to not activate. The model shall be an ECCO 575 back up alarm.</p> <p>SECOND REAR SWITCH PANEL There shall be an additional rear switch panel that shall include operation of all the same functions as the attendant’s switch panel in the action area. This panel must have complete HVAC (heating and air) controls. There shall be a display screen for O2, temperature and fan speed. It shall be located over the head end of the squad bench.</p>		
Page 13		

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<p>KUSSMAUL AUTO EJECTOR</p> <p>A 20 amp Kussmaul super auto-eject device shall be provided which disconnects the shore power plug when the chassis ignition is energized. The ambulance shall be equipped with a 2-wire plus ground 115 VAC wiring system that is separate and distinct from the vehicle's 12 VDC system. The 115V system shall incorporate a ground fault interrupter (GFI) device and shall have a 20 amp circuit breaker that can be used as a master disconnect switch. The exterior inlet shall have a hinged, heavy duty white Hubble spring loaded inlet cover to prevent moisture. The inlet shall be located near the driver door on the ambulance body. The inlet shall be properly marked 115 VAC and shall be provided with a mating plug. The interior duplex outlets shall have indicator lights at each outlet to indicate when 115 VAC power has been applied. Outlets shall be marked "115 VAC".</p> <p>INVERTER</p> <p>A Vanner model number 20-1050 CUL, 1050 watt inverter with 55Amp charger and display shall be supplied and installed. The inverter shall be equipped with an automatic transfer relay which disconnects the inverter when the shore power is applied. A remote on/off switch shall be provided at the attendant control panel. A Remote Charger Display shall be located over the Kussmaul ejector.</p> <p>12-VOLT OUTLETS</p> <p>(2) 12-volt, cigarette style outlet shall be furnished.</p> <p>(1) separately protected circuit shall have one receptacle located in the main action area.</p> <p>(1) in the right front IS/OS interior cabinet.</p> <p>These separately protected circuits shall have a Cigarette type connector with mating plug and polarity requirements shall be supplied.</p> <p>This circuit shall also include a "SCHOTTKY" diode isolator with heat sink to isolate medical equipment and medical equipment batteries from any electrical loads that the remainder of the ambulance electrical system may impose internal 12-volt power.</p> <p>125 VOLT OUTLETS</p> <p>(4) Interior duplex outlet with an Indicator light included at the outlet to indicate when 125v AC power has been applied. The outlet(s) shall be labeled "125v AC". This 125v AC system, including wiring and associated equipment, shall comply with AMD Standard 009.</p> <p>(2) shall be installed in the action area. (This can be a quad if necessary).</p> <p>(1) shall be installed in the R.F.S. Cabinet.</p> <p>(1) shall be Centered Over Squad Bench</p> <p>(1) shall be located in Telemetry Area</p> <p>POWER DOOR LOCKS</p> <p>Side entry & rear entry doors shall have power locks installed. These power locks shall be activated with a thermally protected with a pulsed signal from the following locations</p> <p>(1) OEM cab area</p> <p>(1) Right Wall above the Head End of the Squad Bench.</p> <p>(1) Primary Rear Door Inner Door Panel</p>		
Page 14		

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<p>POWER DOOR LOCKS</p> <p>A hidden, power door unlock switch shall be installed in the rear license plate area.</p> <p>Do we want to include this as the units above are designed to secure the unit placing one outside a door seems to be an issue. I have let one for the chassis doors in the front grill</p> <p>FLASHLIGHT AND CIRCUIT</p> <p>(2) 12 volt model number SL-40 orange Streamlight flashlights shall be installed with 12 volt relay controlled power and ground circuit(s).</p> <p>They shall be located</p> <p>(1) Cab floor between seats.</p> <p>(1) Aisle Side of the Electrical Cabinet (Upper Section).</p> <p>REAR VIEW CAMERA</p> <p>An Audiovox ceiling pedestal mounted rear view observation system shall be installed. The system includes a 5" LCD monitor with a switch for manual/standby mode with two camera heads the first one shall be surface mounted above the module rear entry doors, with second one to be installed in the patient compartment over the walk-thru facing rearward.</p> <p>RADIO / ANTENNA PREP</p> <p>There shall be four (4) antenna mounts and necessary antenna cables routed to behind the driver's seat base. Radio location shall have power junction point with full-time battery hot, ignition-on, and ground. All radio antennas are to be installed on top of the rear ambulance box.</p> <p>EXTERIOR LIGHTING</p> <p>All aftermarket lighting to be L.E.D. except as noted.</p> <p>ICC MARKER LIGHTS</p> <p>The exterior ambulance body ICC lights shall be Weldon model number 9186-1500-10 (red) and 9186-1500-20 (amber). They shall include a stainless guard.</p> <p>FRONT</p> <p>A pair of amber PIAA model 2091 dichroic fog lights shall be provided on the chassis bumper. Wire to high beam cancel circuit.</p> <p>(2) Whelen 500 Super "LED" Lights in Upper Grill. #50R03ZCR Red LED With Clear Lens. Comet Flash with K-Pattern.</p> <p>(2) Whelen 500 Clear Super "LED" Lights in Lower Grill. #50C03ZCR Comet Flash With K-Pattern. Program to Flash Diagonally Opposite of Red Grill Lights.</p> <p>Front Brow Light, (1) Whelen PFP2 Dual Pioneer Plus floodlight brow light using a front wall bail bracket #PBA206V.</p>		
Page 15		

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<p>OPTICOM</p> <p>There shall be an Opticom recess-mounted in the front wall of the module body. It shall operate with a neutral park disable switch installed. The recess bezel shall be painted white to match the body.</p> <p>(2) (One each Side) Whelen M6 Series "LED" Amber Turn Lights with chrome trim bezels installed Mounted below the Outboard red Lights. They shall be wired to flash sequentially in the direction of the arrow</p> <p>(2) Front Module Upper corners Whelen 900 Red Super "LED" Lights #90RR5FCR Red LED With Clear Lens.</p> <p>(4) On Front Module Wall between Center and Outboard Red Lights. Specify Whelen Light Number: 90RC5FCR Red/Clear LED W/Clear Lens. Specify KKK or Comet Flash Pattern: Random Fast Flash These Are Smart Lights. Wire The Front (4) Lights To A Front Light Switch.</p> <p>FLASH PATTERN</p> <p>All Primary/Secondary Lights Set To Comet Flash But Flash Pattern Must Comply With KKK.</p> <p>Front DOT Clearance Light: There shall be a front amber Innovative Slimline light center mounted above the drip rail.</p> <p>SIDES</p> <p>(2) (One each side at beltline on front fender) Whelen 700 Super "LED" as Intersection Lights #70R02FCR Red LED With Clear Lens. Comet Flash with K-Pattern.</p> <p>(2) (One each side at beltline above Rear wheel well) Whelen 700 Super "LED" Rear Wheel Well Lights #70R02FCR Red LED With Clear Lens. Comet Flash with K-Pattern.</p> <p>(4) (Two Each Side in Upper corners) Front Module Upper corners Whelen 900 Red Super "LED" Lights #90RR5FCR Red LED With Clear Lens.</p> <p>(4) (Two Each Side Upper corners inside Red Warning) Whelen 900 "LED" 24 Diode #9SC0ENZR Side Scene Lights</p> <p>Right Side Scene Lights On With Open Side Entry Door. Rear Side Scene Lights On In Reverse</p> <p>REAR</p> <p>(2) (One each Side) Whelen M6 Series LED Back-Up Lights with chrome trim bezels installed Mounted below the Rear Stop/Tail Lights on kickplate</p> <p>(2) (One each Side) Whelen M6 Series "LED" Stop/Tail Lights (One each Side) with chrome trim bezels installed Mounted above the Rear Kick Plate. Set to Stutter-Flash.</p>		
Page 16		

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<p>(2) (One each Side) Whelen M6 Series "LED" Amber Turn Lights with chrome trim bezels installed Mounted above the Rear M6 Series LED Stop/Tail Lights. They shall be wired to flash sequentially in the direction of the arrow</p> <p>(2) Rear Window Level Whelen 900 Red Super "LED" Lights #90RR5FCR Red LED with Clear Lens with Brake override.</p> <p>(2) Reverse Activated Whelen 900 "LED" Rear Load Lights 24 Diode #9SC0ENZR Lights with Momentary Disable Switch Mounted On The Primary Rear Loading Door.</p> <p>(2) Rear Module Upper corners Whelen 900 Red Super "LED" Lights #90RR5FCR Red LED With Clear Lens.</p> <p>(2) Whelen 900 Split Color/Color Super "LED" Light 90RA5FCR Red/Amber LED W/Clear Lens on Rear Module Wall between Load Lights and Outboard Red Lights. Comet Flash with K-Pattern. Specify KKK or Comet Flash Pattern: Random Fast Flash These Are Smart Lights.</p> <p>Rear DOT Clearance/Brake Light shall be a red Innovative Slimline light mounted above the rear doors. Unless otherwise specified, it shall be mounted above the drip rail. The mid sections are to be wired thru the brake light circuit.</p> <p>SIRENS AND AIR HORN Whelen 295HFSA7 Dual Amp Siren System Includes Dual Amp Option with (2) C.P.I. Model number SA3804 bumper siren speakers installed.</p> <p>Whelen Howler with Chrome Push Button on console.</p> <p>(1) 10"& (1) 12" Buell Strombos Air Horns Mounted Thru the Front Bumper With #15412 Compressor mounted in D-2 Lower Left Corner. (Include Mesh Cover over the Pump) One Standard Frame Mounted Air Tank and One Secondary Frame Mounted Air Tank for Air Horn System. Air Tanks Contain Manual Drain Valves.Q2B Button On Console Near Driver.</p> <p>INTERIOR LIGHTING Oxygen Compartment Light Side Entry Door LED Stepwell Light - 3" Round Super-LED Surface Mounted Lights Eight (8) Ceiling Lights TecNiq 8" LED Frosted Dome with White Trim 4-Streetside. 4-Curbside.</p> <p>12" Grote 60591 LED Action Area Light Six (6) - 3" Round Super-LED Surface Mounted Lights Down Center Strip Whelen Part #3SC0CDCR with #3FLANGEC Chrome Flange with Gasket.</p>		

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<p>Six (6) Recessed Truck-Lite 60 "LED" Door Light</p> <p>Specify Location And Color:</p> <p>(1) P-1 Interior Door Panel, Middle Outboard Edge, Red</p> <p>(1) P-2 Interior Door Panel, Middle Outboard Edge, Red</p> <p>(1) P-5 Primary Interior Door Panel, Upper Outboard Edge, Red</p> <p>(1) D-1 Interior Door Panel, Middle Outboard Edge, Red</p> <p>(1) D-2 Primary Interior Door Panel, Upper Outboard Edge, Red</p> <p>(1) D-3 Primary Interior Door Panel, Upper Outboard Edge, Red</p> <p>Four (4) Recessed Truck-Lite 60 "LED" Door Light Includes Individual Door Switch Circuit.</p> <p>Specify Location And Color:</p> <p>(1) Side Entry Door Interior Panel, Upper Outboard Corner, Red</p> <p>(1) Side Entry Door Interior Panel, Lower Outboard Corner, Red</p> <p>(2) Rear Entry Door Interior Panel, Lower Outboard Corners, Red</p> <p>Weldon #9186-1500-10R/20A "LED" ICC Marker Lights</p> <p>#0J10-1200-00 Stainless Guard W/Gasket to the ICC Lights</p> <p>Innovative Lighting Slimline Rear DOT/Brake Light Mounted Above the Rear Doors.</p> <p>Mid Sections to Be Wired Thru the Brake Light Circuit.</p> <p>Innovative Lighting Slimline Front DOT Light</p> <p>FRONT BROW LIGHT</p> <p>Install Whelen PFP2 Dual Pioneer brow light using a front wall bail bracket #PBA206V.</p> <p><u>PATIENT COMPARTMENT</u></p> <p>CABINET CONSTRUCTION</p> <p>Cabinets shall be constructed of Formaldehyde free, furniture grade exterior-rated hardwood plywood. The plywood shall be made from a deciduous wood with the face, core and back all being the same species. A melamine bonding glue shall be used to join the 7-ply together. The exposed layers shall be hardwood on both sides of the sheet. The layers shall be 99% void free. Cabinet interiors and exteriors shall be covered with high pressure plastic laminate at least 28 mils thick. All cabinets shall be constructed using both glue and screws for maximum strength. Screws shall be a maximum of 10" from each other. All exterior radius corners shall have a 6063-T5 aluminum extrusion installed. This extrusion shall be screwed in-place from inside the cabinet. The use of staples in the assembly of cabinets shall not be accepted. Because of the superior sound dampening and insulating qualities of plywood cabinetry, aluminum or other metal cabinetry will not be accepted.</p> <p>CABINET DOORS</p> <p>The cabinet openings shall have sliding polycarbonate doors, hinged doors, or a combination of both. The sliding doors shall slide in felt/nylon lined 4-sided aluminum extrusions that completely surround each opening and are removable. Each sliding door shall have a full height, beveled corner extruded aluminum handle on the outer edge. This shall provide additional strength and rigidity. All hinged doors shall have a polished stainless steel hinge with .125" pin diameter.</p>		
Page 18		

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<p>IMPACT PROTECTION</p> <p>All exterior corners subject to abuse shall have an extrusion installed for added durability and rounded for occupant safety. A 6063-T5 aluminum radius shaped corner with inside X-frame or greater shall be used on any corner not protected by a padded vinyl covered cushion. The use of this extrusion will allow the cabinet exterior corners to be attached from the inside, thereby eliminating the use of screws on the cabinet face.</p> <p>CABINET SHELVES</p> <p>All cabinets over 14" high shall have fully adjustable shelves. The shelves shall be made of glossy PVC to help eliminate issues caused by blood-borne pathogens. All shelves shall be fastened to the adjustable track to eliminate rattle. A polished aluminum lip shall be provided on all shelf outer edges.</p> <p>CABINET ATTACHMENT</p> <p>All interior cabinets including the squad bench shall be bolted securely to modular body frame members and floor. The attachment bolts shall be a minimum 1/4" machine grade bolts. All fasteners and washers shall be stainless steel, or coated to protect from corrosion or another non-corrosive material. All cabinets must be removable for ease of future interior modification.</p> <p>FIT AND FINISH</p> <p>Mitered joints throughout the interior conversion shall have a gapless, hairline fit. Sliding polycarbonate door assemblies shall be scratch free and all edges shall be smooth and free of saw marks and sharp edges. Cabinet to cabinet joints shall not require more than a 7/32" diameter welting to create a finished and well fit look. Cabinets shall fit tightly against the ceiling as well.</p> <p>PATIENT COMPARTMENT TESTING</p> <p>The vehicle shall meet or exceed AMD Standard 006, "Sound Level Test Code for Ambulance Compartment Interiors" and AMD Standard 007, "Carbon Monoxide Levels for Ambulance Compartment Interiors".</p> <p>COT MOUNT</p> <p>See option area at end of document</p> <p>LEFT REAR OVERHEAD CABINET</p> <p>Clear Interior dimensions of 44" wide by 21" tall by 18" deep.</p> <p>There shall be a left rear overhead cabinet with speed load polycarbonate doors installed. The bottom of the cabinet is to be sweep-out style. The cabinet door frame shall be secured at the top by a full length piano hinge. The entire frame shall hinge upward and be held in place by gas piston hold-open devices. The cabinet frame shall be held in the down position by two spring-loaded dead bolt style slide catches. The vertical ends of the speed load framed cabinet will have EPDM rubber foam to protect the handles from damage. All speed load cabinets that are taller than 23" and wider than 32" shall have a 1/8" x 1-1/2" anodized aluminum support.</p> <p>LEFT TOP CENTER CABINET</p> <p>Clear Interior dimensions of 27" wide by 8" tall by 8" deep.</p>		
Page 19		

Specifications for Town of Ledyard New Ambulance	Bidder Complies	
	Yes	No
<p>There shall be a cabinet above the side CPR seat with top hinged frameless heavy 3/8" polycarbonate doors installed.</p> <p>LEFT FRONT OVERHEAD CABINET Clear Interior dimensions of 29" wide by 21" tall by 13" deep. There shall be a left front overhead cabinet with speed load polycarbonate doors installed. The bottom of the cabinet is to be sweep-out style. The cabinet door frame shall be secured at the top by a full length piano hinge. The entire frame shall hinge upward and be held in place by gas piston hold-open devices. The cabinet frame shall be held in the down position by two spring-loaded dead bolt style slide catches. The vertical ends of the speed load framed cabinet will have EPDM rubber foam to protect the handles from damage. All speed load cabinets that are taller than 23" and wider than 32" shall have a 1/8" x 1-1/2" anodized aluminum support.</p> <p>LOCKING CABINET Clear Interior dimensions of 15" wide by 21" tall by 13" deep. There shall be an additional cabinet with a top-hinged solid wood locking door installed forward of the Left front overhead cabinet.</p> <p>UPPER LEFT REAR BASE CABINET Clear Interior dimensions of 31" wide by 18" tall by 19" deep. There shall be a left rear base cabinet with sliding polycarbonate doors installed. The sliding door handle shall be made from an aluminum extrusion and shall run the full length of the polycarbonate door. The full length door handle corners shall be cut at forty-five degrees. The vertical ends of the framed cabinet will have EPDM rubber foam to protect the handles from damage. The cabinet shall include (2) adjustable shelves.</p> <p>LOWER LEFT REAR BASE CABINET Clear Interior dimensions of 31" wide by 18" tall by 11" deep. There shall be a left rear base cabinet with double side-hinged solid wood doors installed below the standard left rear base cabinet. This cabinet is located behind the D-3 exterior compartment.</p> <p>LOWER TELEMETRY AREA CABINET Clear Interior dimensions of 23" wide by 15" tall by 11" deep. There shall be a lower telemetry area cabinet with double side-hinged solid wood doors installed. This cabinet is located behind the D-3 exterior compartment.</p> <p>ACTION AREA CABINET Clear Interior dimensions of 25" wide by 9" tall by 4" deep. There shall be an action area cabinet with sliding polycarbonate doors installed. The sliding door handle shall be made from an aluminum extrusion and shall run the full length of the polycarbonate door. The full length door handle corners shall be cut at forty-five degrees. The vertical ends of the framed cabinet will have EPDM rubber foam to protect the handles from damage.</p> <p>ACTION AREA CABINET The attendant's action area shall have a slanted panel to accommodate the switches and the radio.</p>		
Page 20		

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<p>TRASH CABINET There shall be a top hinged trash door connected to the D-2 exterior compartment. Includes trash container. Includes rhino covered lip at the bottom. Includes restraining strap with metal buckle. Requires vertical divider.</p> <p>CPR SEAT A seat minimum 28" wide with rear hinged lid allowing for cabinet storage shall be recessed into the street side cabinet wall directly rearward of the main action area. A 2" thick foam seat cushion, a backrest, a left and a right thigh protection cushion all covered with heavy-duty vinyl shall also be provided. There shall be no piping on the cushions to accumulate contaminated material. All seams shall be sealed to repel contaminants. A seat belt with outside wall-mounted retractors shall be provided. Upper cabinets shall have left and right head protector cushions to match the seat cushion.</p> <p>ATTENDANT'S SEAT There shall be a high back, EVS brand child seat Model 1802. The EVS seat shall be a captain's chair-type attendant seat located at the front of the patient compartment. This seat shall be covered with color coordinated heavy-duty vinyl with heat sealed seams for ease of cleaning. The seat shall include a 3-point safety harness with push button release. The seat shall have a fore and aft adjustment of six inches on heavy duty sliding tracks. The seat shall be mounted on an EVS swivel pedestal base. This and all seats in the patient compartment shall meet all FMVSS requirements. The seat shall also include a five point child restraint. (EVS states that this is "not an infant seat", it is not to be used by children less than one year old. Recommendations include, children who weigh between 20 and 50 pounds, and are 28 to 47 inches tall and capable of sitting upright alone.)</p> <p>ELECTRICAL CABINET Clear Interior dimensions of 16" wide by 67" tall by 8" deep. A storage cabinet shall be installed on the left front wall behind the rear facing attendant seat. Access shall be gained from behind the attendant seat. This cabinet shall be for storage of the Power Distribution Center.</p> <p>UPPER RIGHT FRONT CABINET Clear Interior dimensions of 27" wide by 24" tall by 17" deep. A storage cabinet shall be installed on the passenger side right front wall. The upper section shall permit equipment to be accessed from either the patient compartment through heavy polycarbonate doors or through an exterior compartment door. The polycarbonate doors shall be a minimum of 3/8" thick and without metal framing. It shall have one (1) adjustable shelf.</p> <p>LOWER RIGHT FRONT CABINET Clear Interior dimensions of 27" wide by 28" tall by 17" deep. A storage cabinet shall be installed on the right front wall, lower section that permits equipment to be accessed from either the patient compartment through heavy polycarbonate doors or through an exterior compartment door. The polycarbonate doors shall be a minimum of 3/8" thick without metal frames. It shall have one (1) adjustable shelf.</p>		

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<p>RIGHT FRONT CABINET Clear Interior dimensions of 24” wide by 13” tall by 18” deep. There shall be a cabinet mounted above upper right front stack cabinet. The cabinet shall have a top-hinged solid locking door installed.</p> <p>GLOVE BOX STORAGE There shall be a glove box storage compartment on the aisle side of the right front stack cabinet in the walk-thru area large enough to accommodate four (4) glove boxes behind P-1 Backboard Compartment with 3/8" Heavy Polycarbonate Doors without Metal Trim. Includes dividers for (4) glove box storage.</p> <p>SQUAD BENCH The ambulance shall be equipped with a squad bench approximately 73" long by 22" wide. The squad bench lid shall have a 2" foam pad covered with color coordinated heavy-duty vinyl. The squad bench lid shall be one-piece and have two heavy-duty, bi-directional gas piston hold-open devices. The force value selected and ball stud locations shall provide lift assistance after twenty degrees of bench lid lift angle. The ball stud mounts shall be at least ten millimeter. The lid shall be attached to the bench with a continuous hinge. Each lid shall have a self-latching, stainless steel, paddle style-latching device.</p> <p>The lid shall be finished with minimum 2" thick cushions. There shall be no piping and all seams shall be sealed to preclude absorption of contaminants. These cushions shall be installed with industrial grade, plastic hook and loop Velcro for easy removal and cleaning.</p> <p>Two sets of encased restraints and seat belts shall be installed on the squad bench. Retractors shall be installed against the outer wall.</p> <p>SQUAD BENCH CABINET There shall be a cabinet at the head end of the squad bench. Step well side shall be open for storage of a fire extinguisher. Trim the opening with stainless. Make the opening as tall and wide as possible for the area.</p> <p>SQUAD BENCH CUSHION There shall be a backrest covering the wall directly behind the squad bench. This backrest shall be a minimum of 2" thick and shall be constructed of high-density foam and heavy-duty automotive grade vinyl. There shall be no piping and all seams shall be sealed to repel contaminated material.</p> <p>Leave space between side entry door and backrest cushion for radio handset under second switch panel.</p> <p>BANDAGE CABINET Clear Interior dimensions of 29” wide by 8” tall by 8” deep each. There shall be a two section bandage cabinet with sliding polycarbonate doors mounted above the squad bench. The sliding door handle shall be made from an aluminum extrusion and shall</p>		
Page 22		

<div> <div>Specifications for Town of Ledyard</div> <div>New Ambulance</div> </div>	Bidder Complies	
	Yes	No
<p>run the full length of the polycarbonate door. The full length door handle corners shall be cut at forty-five degrees. The vertical ends of the framed cabinet will have EPDM rubber foam to protect the handles from damage.</p> <p>GLOVE STORAGE The side door head pad shall include a recessed area for a three glove box holder. The glove box holder shall be made from ABS plastic and include a clear top hinge polycarbonate door.</p> <p>GRAB RAILS There shall be a minimum 96” long formed 2" diameter brushed aluminum overhead assist rail. It shall be located over the patient area on the main cabinet wall.</p> <p>There shall be a minimum 96” long formed 2" diameter brushed aluminum overhead assist rail. It shall be located over the squad bench.</p> <p>There shall be “L” shaped formed 2" diameter brushed aluminum entrance door grab handles installed on the curbside and both rear entry doors. The “L” shall start horizontally under the door window and turn at a 90 degree angle up alongside the hinge side of the window to provide safe entry from the street level and safe exit from the patient floor.</p> <p>There shall be a formed 2" diameter brushed aluminum grab assist handrail mounted at the head end of the squad bench.</p> <p>IV HANGERS There shall be two (2) CPI Model IV 2008 recessed rubber, non-swinging type IV hangers that fold flat when not in use mounted in the ceiling over the lower portion of the patient area. They shall be bolted to the roof framing structure. (1) Curbside Mounted In The Forward Cot Position. (1) Streetside Mounted In The Mid/Rear Cot Position.</p> <p>There shall be two (2) button style non-swinging type IV bracket(s) mounted in the ceiling over the lower portion of the patient area. (1) Curbside Mounted In The Mid/Rear Cot Position. (1) Streetside Mounted In The Forward Cot Position.</p> <p>CABINET LATCHES There shall be stainless Southco M1 cabinet latches installed on all interior door style cabinets.</p> <p>CLOCK There shall be a 12-volt hard-wired analog clock with sweep second hand recessed into the rear head pad.</p> <p>LOCKING CABINET DOORS The interior cabinets shall include a Southco M1 stainless locking cabinet door latch. Specify Cabinet Location (s): (1) L.F.O. Cabinet</p>		
Page 23		

<div> <div>Specifications for Town of Ledyard</div> <div>New Ambulance</div> </div>	Bidder Complies	
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<p>(1) Cabinet over RFS.</p> <p>SHARPS CONTAINER There shall be a drop in style sharp's container mounted on top of the head end squad bench cabinet. Use #85031 sharps. Locate as far forward in countertop as possible.</p> <p>SLIDE-OUT TRASH There shall be a slide-out trash drawer cabinet installed. Specify Cabinet Location: (1) Head of bench cabinet facing aisle.</p> <p>INVENTORY CONTROL There shall be holes drilled in all sliding Lexan interior doors to allow for breakaway locks to be used. The breakaway locks shall be used for inventory control.</p> <p>INTERIOR WALLS High Pressure Laminate to be supplied and installed. The laminate finish selected shall be White Nebula 4621-60.</p> <p>INTERIOR CUSHIONS To be seam sealed cushions with high density foam with PVC base. Installed with heavy-duty hook & loom for easy removal for cleaning.</p> <p>COUNTER TOPS The counter top is to be of a Corian® or equal solid surface material.</p> <p>INTERIOR FLOOR The flooring is to be Lonseal. The style and color of the flooring shall be Lonplate I #165 Sapphire. Flooring to be rolled up 4” on the left wall and full-height to the bench cushion on the squad bench riser.</p> <p>CLIP BOARD HOLDER There shall be one (1) stainless steel 2” deep clip board holder(s) installed as follows: (1) Walk-Thru Area against RFS 2" deep x 10" H x 11" W (ID) 2" deep x 12" H x 12" W Overall dimensions.</p> <p>REAR SWITCH PANEL CABINET An angled cabinet for the second rear control panel shall be installed at the head end of the squad bench below the bandage cabinet.</p> <p>CORIAN COUNTERTOP Add a Corian® or equal countertop over the head of bench work cabinet to match the other countertops.</p>		
Page 24		

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<p>HVAC SYSTEM Heavy duty radiator and cooling system equipped for a dual heat and air conditioning systems.</p> <p>FRESH AIR INTAKE A filtered fresh air intake shall be mounted on the upper right front (passenger side) corner of the modular body. The heater / air conditioner fans shall control the intake of fresh air. The system shall be a constant flow style with a thermostat to control heating and cooling, therefore providing a fresh environment throughout the patient compartment.</p> <p>The air return system shall be located within the right front cabinetry. This cabinetry shall include an integral plenum wall and duct system. This system shall allow the blower fans to pull air from the floor, thereby speeding the process of heating/cooling and therefore provide a consistent temperature at all levels of the patient compartment.</p> <p>EXHAUST FAN A power exhaust vent fan shall be installed in the rear upper wall below the roof line. The fan shall be controlled from the rear control switch panel. The vent shall be filtered and located on the rear outside body sidewall.</p> <p>The front fresh air intake vent and the rear (power) exhaust vent shall provide efficient cross through patient compartment ventilation. The exhaust fan shall have a minimum of 100 CFM in system and 145 CFM open flow minimum.</p> <p>DUCTED HVAC The HVAC shall be ducted down the center ceiling strip. There shall be a minimum of six round adjustable ducts. The ducting shall be tapered to allow full flow of air to the further most vents.</p> <p>IN-LINE BOOSTER PUMP A 12-volt centrifugal liquid pump shall be installed. The pump shall boost the flow capacity of the engine coolant.</p> <p>AC CONDENSER The vehicle shall have an auxiliary AC condenser installed under the module body. Install rubber debris flaps on the forward and rear edges.</p> <p>MAXIMUM INSULATION PACKAGE There shall be two inch thick plank non-deteriorating high density "Yellow CertiFoam" insulation or Thinsulate. The thermal resistance of the insulation shall hold a five year aged value of 11.2 @25 degree F mean temperature. The importance of aged value relates to initial "R" values that over a five year period deteriorate and allow for a false "R" value.</p> <p>This Insulation shall be placed between all framing to include the module body walls, floor, ceiling and patient doors. There shall also be a four MIL vapor barrier placed in the module walls, ceiling and patient doors. This vapor barrier shall serve a moisture barrier for the changing outside environment.</p>		
Page 25		

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<p>An acoustic dampening material shall be installed on all (4) sides of the side entry <u>stepwell</u> and the wheel wells.</p> <p>A thermal heat & sound insulation product featuring 100% synthetic fiber felt that provides sound and comfort control as well as a high-tech foil heat barrier that blocks 70% of radiant heat up to 1500° F. shall be installed on the underside of the aluminum .050 flooring.</p> <p>A non-permeable sound dampening material that is moisture resistant for additional insulation shall be installed in addition to the four mil. vapor barrier. This insulating material shall be installed in all walls.</p> <p>OXYGEN SYSTEM The oxygen system shall be capable of storing and supplying a minimum of 3,000 liters of oxygen. A suitable high-pressure hose shall be provided. The hose shall be certified to meet 250 psi and have a 1,000 pound burst rating.</p> <p>The entire oxygen system shall be subjected to a 200-psi leak test for a minimum two hours. A certification label shall be located in the oxygen compartment.</p> <p>OXYGEN OUTLETS There shall be two Ohio style oxygen outlet located on the back wall of the front action area.</p> <p>There shall be one Ohio style oxygen outlet located on the right interior wall at head of squad bench midway between the squad bench and the ceiling.</p> <p>OXYGEN DOOR Access to the oxygen cylinder gauge shall be provided through a hinged 7” x 16” Lexan Glass door with a passive latch mechanism. The door shall be located on the inside of the patient compartment opposite the exterior oxygen compartment.</p> <p>OXYGEN TANK BRACKET A ZICO hydraulic oxygen cylinder lift bracket shall be installed in the oxygen compartment. A switch shall also be installed and located in an area which allows for maximum operator safety. Including (3) Ratchet Straps. Will be located in D-1 to hold a M size Aluminum tank</p> <p>OXYGEN FLOWMETER One (1) wall mounted oxygen flow meter(s) designed to provide metered oxygen from any 50psi source with a flow rate from 0 to 15-lpm shall be included.</p> <p>PORTABLE OXYGEN MOUNT Two (2) ZICO Model QR-D-2 Quick Release Strapless Portable Oxygen Tank Brackets shall be included. Specify Location: (2) Step Well</p>		
Page 26		

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<p>SUCTION SYSTEM</p> <p>A permanent on board suction system shall be installed. The system shall include a quick disconnect outlet mounted on the back wall of the action area and a 12 volt GAST suction pump to be mounted in the power distribution cabinet. The system shall be controlled from the action area switch panel.</p> <p>A permanent on board suction system shall be installed. The system shall include a quick disconnect outlet mounted on the back wall of the action area and an electric suction pump. The system shall be controlled from the action area switch panel. The suction regulator and adjustment valve shall be a wall mounted SSCOR 22000 brand. The collection bottle shall be a wall mounted disposable Bemis (or equivalent) collection bottle. Both units shall be mounted on the back wall of the front action area.</p> <p>PAINT SCHEMATIC</p> <p>White cab and rear ambulance box with a reflective 6 inch white strip at the belt line. Painted 18 inch stripe Blue #K9740 above the reflective to carry over the hood and angle up at rear of box. Lower area below stripe painted Polar Gray #71537. All reflective surfaces must comply with current standards for brightness and for total square inches of surface coverage. Rear of the box to be covered in Blue and White reflective 8 inch diagonal striping. Example photos of the paint scheme will be provided for reference.</p> <p>PINSTRIPE</p> <p>A quarter inch black reflective pinstripe shall be applied to outline the paint stripe.</p> <p>REFLECTIVE STRIPING</p> <p>There shall be 4" Scotchlite Reflective, adhesive backed striping tape applied to the vehicle. 4" wide red reflective stripe. Install along the lower edge of the module entry doors.</p> <p>There shall be 6" Scotchlite Reflective, adhesive backed striping tape applied to the vehicle. 6" white reflective between the blue and gray paint line only. Bottom of the tape to be 20 1/2" above the lower rub rail.</p> <p>There shall be 1" white reflective tape applied around the edge of the side and rear doors only.</p> <p>REQUIRED ITEMS IN THE CAB OR AMBULANCE BOX:</p> <p>CAB - vinyl floor covering with Black rubber floor mats</p> <p>CAB - Emergency push button to unlock drivers cab door behind the grill on the passenger side</p> <p>CAB - Center console to match photo description and should contain all switches, flush mounted radios, cup holders and document space / Photo will be provided in bid package.</p> <p>AMBULANCE BOX – A swivel mount for a remote radio head shall be installed in the action area near the CPR seat for easy viewing of the radio controls from either the CPR seat or the rear-facing attendant seat.</p> <p>FRONT & REAR SUSPENSION</p> <p>The dealer shall replace the front & rear OEM suspension components with components that will eliminate the traditional bouncing and “porpoising” that is common among G4500</p>		

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<p>ambulance chassis. The dealer must warranty all replacement components for the same 3 years/36,000 miles as the OEM components. Vendors may be required to provide a modified G4500 ambulance for road testing by the Town upon request. Failure to meet this requirement could result in rejection of proposal.</p> <p>LETTERING Lettering and graphics shall be installed to match the existing ambulances.</p> <p>TOOL MOUNTING Install customer supplied tool mounts on the inside of the D-2 compartment doors. Tools include: halogen, pry bar, hammer, bolt cutters, safety triangles, etc.</p> <p>FACTORY INSPECTION TRIP Accompanied by a Dealer Representative, the Administrator of Emergency Services and (2) members of the Ledyard Volunteer Emergency Squad will travel to the successful bidder's facility for the purpose of inspecting the vehicle for compliance to the specifications and for the overall quality of the vehicle at completion. Bidder shall be responsible for all costs associated with the trip to include air transportation on a major commercial carrier to the nearest airport, ground transportation (ground transportation shall not exceed two hours), individual rooms, and meals.</p>		
<div>Page 28</div>		