

100.0 *AMBULANCE CONVERSION:*

100.1 *BASE SECTION*

The following section describes the required body design, manufacturing process, and materials. Adherence to this section is of extreme importance to this purchaser due to space requirements and safety concerns. The bidder must meet this section as closely as possible without utilizing experimental or prototype designs in order to be considered for bid award.

The completed vehicle shall have the following minimum dimensions:

(Exterior Module)

- Height: 92.5"
- Width: 95"
- Length: 168"

(Interior Module)

- Height: 72"
- Aisle 46"
- Length: 164"

OVERALL DIMENSIONS (Including Chassis, Module and Step)

- Height: 108"
- Width: 98"
- Length: 302"

- Above section bid exactly as written: _____
- Section not provided: _____
- Bidder is offering an alternative to this section: _____

100.2 - *MODULAR BODY STRUCTURAL DESIGN REQUIREMENTS:*

The module body shall be designed and fabricated with the following key elements in mind:

1. The greatest possible load carrying capacity is desired.
2. The safety of all vehicle occupants is of paramount concern.
3. The body design, including construction materials and fabrication techniques shall be proven to be durable.
4. The body shall be easily retrofitted to a new chassis should that need ever arise.

With these concerns in mind the following requirements have been established for the purposes of this specification:

100.3 GENERAL BODY DESCRIPTION:

SERVICE INTENT: The ambulance body shall be all aluminum. The body sheet shall be reinforced with structural members designed to resist deflection and hold up to extreme ambulance service per current revision of Federal specification KKK-A-1822.

BODY MEMBER ALLOY: The side, roof, front and rear sheet shall be derived from 5052-H-32 Aluminum sheet. The roof sheet shall be one piece, from roof rail to roof rail. The side structure and structural shapes shall be extruded of 6063-T6 aluminum.

BODY WARRANTY: The body shall carry a 15-year warranty following the date of delivery to the end user. The warranty shall cover repairs or replacement of body elements or components that fail due to structural defects in materials and workmanship.

The body shall be re-mountable to a future new chassis, of exact specification, without voiding the 15-year body warranty, provided the remount is done by the Original Ambulance manufacturer or its authorized agent.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.4 PAYLOAD REQUIREMENTS

The vehicle payload shall meet or exceed that called for in the current KKK-A-1822 specification. Before delivery of the completed unit the manufacturer shall weigh the vehicle. This purchaser reserves the right to have the finished vehicle weighed independently upon delivery. It should be noted that this purchaser, while interested in attaining the greatest possible payload, is unwilling to compromise on the structural requirements of a strong, durable, and safe body. All bidders must understand these factors supersede concern over payload, and that the lightest body (greatest payload) will not necessarily be deemed sufficient to meet the stringent quality and safety requirements set forth herein.

Above section bid exactly as written: _____
Section not provided: _____
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100.5 MODULE BODY STRUCTURAL INTEGRITY:

The body shall be capable of providing impact, deformation and penetration resistance in the event of a collision. The body structure shall be capable of passing a standalone static load test on a type-tested body. The test shall be conducted in accordance to AMD-001 except the test weight shall be 55,000 pounds or 5.7 times the curb weight of the finished vehicle. (Over 3.8 times the test weight imposed by AMD-001). Additionally the same unit shall be subjected to the same test with the body

turned on its side. Complete copy of the testing documents with photos, must accompany the bid/proposal. Exceptions to this requirement will not be considered. Noncompliant bids will be rejected.

Safety is of the utmost importance to the purchaser. While currently there are no federal standards for crash testing an ambulance, the purchaser requires an outside third party test by a certified SAE facility to validate the structural crash worthiness of the ambulance conversion. The test will exceed the standards established by the National Highway Traffic Safety Administration and the Insurance Safety Institute for Highway Safety for side impact of a standard passenger sedan. To more accurately replicate the severity of a side impact collision on an ambulance the speeds should be boosted to 42 miles per hour. Complete copy of the testing documents with photos, must accompany the bid/proposal. Exceptions to this requirement will not be considered. Noncompliant bids will be rejected.

WELD QUALITY: All welds within the modular body shall meet American Welding Society codes for structural and sheet welding.

CREVICE PREPARATION: All skin and extrusion surfaces destined to be mated shall be primed with chromate, etching primer prior to assembly. Additionally, all over lapping extrusion to skin surfaces shall be bedded with a one part polyurethane adhesive sealant.

Above section bid exactly as written: _____
Section not provided: _____
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100.6 SIDE STRUCTURAL MEMBERS:

The sheet edges will be fit into slots designed within a proprietary, double hollow, corner post extrusion. The sheet will be M.I.G. Welded to the extrusion. Double-hollow designed Corner post extrusions shall be used to weld side and end assemblies together. Horizontally oriented, adjoining structural box tubes shall be welded to the corner post with at least 4” of weld length.

The intermediate structural members of the side grid shall be two inch by two inch 6063-T6 aluminum, architectural box tubing. All entry and compartment door adjacent members shall be one quarter (.250) (double thickness) two inch by two inch architectural box tubing. The main structure shall frame in the compartment openings and provide intermediate skin support. The intermediate structure spacing shall have a nominal dimension of twelve inches. All grid structure shall be welded together with at least four inches of weld length.

The side skin shall be bonded to the structural grid using two inch wide, VHB (Very High Bond) adhesive tape.

Above section bid exactly as written: _____
Section not provided: _____
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100.7 BODY SHEET:

The side sheet shall be a one piece, seamless, .125 thick, 5052-H32 aluminum. The side sheet compartment opening cut outs shall be cut with CNC controlled, gantry mounted plasma or high-speed routing equipment. This method will encourage square openings to receive the pre-hung door assemblies and maintain critical structural locations. Pre-determined ventilation louvers shall be formed into the body sheet, where specified. A seamless door jam exterior is required to minimize corrosion- extruded type door jambs do not meet this specification. The skin shall completely conceal the doorjamb from view. The only visible seams on the body sheet shall be at the corner posts.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.8 SEAT BELT ANCHORAGE:

Occupant seat belts shall be through bolted through one-half by four inch plates that are continuously M.I.G. Welded to the structural grid.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.9 ROOF CONSTRUCTION:

PERIMETER EXTRUSIONS: A double hollow extrusion shall provide a structural transition between the module walls and the roof assembly. The shape shall incorporate a full perimeter drip rail. An anti-torsion web shall also be incorporated to enhance the bend resistance of the shape. The alloy shall be 6063-T6.

ROOF SHEET: The roof sheet shall be a one piece, seamless, .090 thick, 5052-H32 aluminum. The four edges of the sheet shall be continuously welded to the roof rail extrusion to prevent leaks. All perimeter welds shall be ground smooth and worked smooth prior to the over all paint job.

ROOF BOWS: The roof sheet shall be supported by full width .125 x 2.25 x 2.25 inch architectural box tubing. The roof bows shall be located on twelve inch centers. The roof bows shall be M.I.G. Welded to the roof rail extrusions with no less than four and one-half inches of continuous weld per end. The roof sheet shall be bonded to the roof bows with VHB (Very High Bond) adhesive tape.

ROOF CORNERS: The roof rail extrusions shall be welded together along the roof bow mating walls at the corners. In addition, the outer surfaces of the roof rail extrusions shall be continuously M.I.G. Welded to cast aluminum corner castings. The castings shall have rail shaped heat risers behind the weld sites to interlock the joint.

The corner cabs will incorporate a cast in recess to facilitate the install of DOT marker lights at 45 degree angles at each corner.

The lens of the installed lights will have a near flush apperance.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.10 FLOOR CONSTRUCTION:

FLOOR MEMBERS: All Floor structures shall be one-quarter (0.250) by two by three inch aluminum, 6063-T6, architectural rectangular tubing.

GUSSETS: The floor member to sidewall gussets shall be made of 6061-T6 aluminum flat bar, one-quarter inch thick by four by four inch. A gusset shall be welded at each main cross member site.

FULL WIDTH CROSS MEMBERS: The module floor shall provide core support for the side assemblies. A minimum of four (4) full body width floor members shall connect to and support the sidewall assemblies. Each member shall be made of 6063-T6 aluminum. Two of the members shall be one-quarter inch by two inch by three inch rectangular architectural box tubing and be located just forward and aft of the wheel housing. The front member of the box shall be six-inch aluminum channel and the rear threshold member shall be one-eighth inch by two inch by two inch architectural box tubing with a formed reinforced 1/4" return angle.

ALUMINUM PLATES: One-half inch thick plates shall be welded into the floor structure assembly at all locations where cot fasteners will be installed. All cot fastening hardware shall be through bolted. One inch (1 inch) thick tapping plates shall be welded in at all sites where through bolting cannot be done over fuel tanks.

Floors that are uneven or are incapable of adequately supporting the load being carried on the vehicle are unacceptable. For that reason thin floor panels and/or a lack of floor supports are not desirable. To prevent buckling, sagging, oil canning or any other structural breakdown of the flooring system a detailed description of the required construction process is provided. The floor, from the front to the rear and from curbside to street side shall be supported by minimum 2" x 3" tubular beams with a .25" wall. The floor just behind the axle shall be supported by a minimum 1.5" x 3" tubular beam with a .25" wall. All beams shall be strategically located at the load bearing points of the floor and welded into place. The sub floor, above the aluminum sheet noted above, shall consist of 3/4" marine grade plywood. There shall be a minimum of pockets or voids at the floor to the sidewalk areas where water or moisture can become trapped or cause unsanitary conditions. All voids and pockets shall be filled with a sealer or caulking compound to provide a 100% smooth finish from floor to wall. The floor bottom shall be completely sealed to prevent moisture and toxic fume penetration.

WATER TIGHT PATIENT CABIN: The plywood sub floor shall be shielded from moisture. A forty-mil thick aluminum sub sheet shall be sealed to the floor structure with silicone sealant.

Additional aluminum plates shall be intermittent welded between compartments, wheel well liners, step wells and fuel filler housings. All of the areas shall be thoroughly sealed from one to the other, creating a sealed patient cabin from the outside. Extrusion hollows shall be filled with expandable foam sealant to prevent fumes and moisture from entering.

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100.11 MOUNTING SYSTEM

The OEM chassis manufacturer determines the outside dimension, across the frame rails on this chassis. A minimum of (5) five Mounting platforms shall be attached along the outside of each chassis frame rail for a total of (10) ten. Each platform shall consist of (1) top plate of .375" thick steel and (2) side reinforcement plates made of .25" steel. There shall be a .375" full backing plate where the mount attaches to the frame rail. The plates shall be welded along all seams with a heavy continuous weld. The platform shall be attached to the chassis frame rail with a minimum of (3) .625" diameter Grade 8 bolts with washers and locking nuts. The body substructure shall include a 1" by 3" solid aluminum tie down bar welded to each sub structure cross member. Each body mount shall accommodate a urethane vibration isolator and support for the bodies mounting sill.

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Section not provided: _____
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100.12 CURBSIDE ENTRY DOOR:

CURB SIDE ACCESS DOOR: The curbside access door shall be at least 84 13/16" high by 31" wide measured at the doorjamb opening.

STEP WELL: A curbside entry door shall feature a two step "step well" to assist in patient cabin egress. The steps shall have a tread dimension of not less than 9 inches. The riser dimension shall not exceed 10 inches, measured from the step tread to the floor of the patient cabin. A right-angled trim, made of polished Stainless Steel, shall be formed over the flooring material and wrap around the 3-sided perimeter of the step well. Step well material shall be 0.100 thick, Polished aluminum diamond plate. The step well shall be illuminated by a GROTE Brand LED light. The light will be activated by the side entry door. The step well shall meet or exceed the current revision of Federal specification KKK-A-1822.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.13 REAR ENTRY DOORS:

REAR ACCESS DOORS: The rear of the module shall be equipped with double seamless patient compartment access doors. The doors shall be centered on the body and align with the patient compartment aisle space. The doors shall measure 46 3/4 inches wide by 56 5/8" high, jamb to jamb.
REAR ACCESS DOOR JAMB: At the rear access doors, a full width, formed seamless stainless steel jamb protection plate shall be provided to prevent the cot frames from chipping the paint. The stainless steel protection package shall start from under the kick plate and follow the contour of the outer jamb and convert to a 45 degree entry transition ramp as it enters the door opening and covers

the end of the sub-floor. The sill is to extend onto the module floor and cover the last six inches of the vinyl floor covering.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.14 COMPARTMENT CONSTRUCTION:

MATERIALS: Unless specified otherwise, all exterior compartment walls and backs shall be constructed of .100 polished aluminum diamond plate. All compartment floors shall be formed of .125 aluminum sheet. Compartments for Generators, Oxygen, and Backboards will have .250 compartment floors. All compartment ceilings shall be formed of .090 aluminum sheet. The ceilings and floors shall form around the sides and back to provide an overlapping joint. The floor and ceiling surfaces shall be double action (DA) sanded to 180 grit. The floors and ceilings are bonded to the walls and back and intermittent welded on six (6) inch centers.

VENTILATION: All compartments, made from aluminum sheet, shall have at least eight louvers of ventilation to the outside. All compartments shall be louvered through an interior sidewall with at least nine (9) square inches of free-vented area. An exterior splash shield will be provided to prevent water and to minimize the intrusion of dust to the interior of the compartment.

DRAIN HOLES: Drainage holes shall be provided on the bottom of the compartments. Each hole shall be baffled to prevent splash water from entering the compartment.

ADJUSTABLE SHELF: When a shelf is specified a standard duty aluminum adjustable shelf shall be provided. The shelf shall be formed of .125 (1/8") thick polished aluminum diamond plate, with 2 inch upward turned lips on all four sides.

SHELF MOUNTING: When a shelf is specified unit strut track will be installed. The Unistrut channel shall be made from 1 5/8" x 13/16 " x 16 gauge 6063-T6 extruded aluminum. The channel shall be plug welded vertically through the out side of the compartment body, with a minimum of five (5) 1/2" diameter welds per each channel.

The channel nuts shall be made of case hardened steel with 1/4"-20 threads and spring loaded to prevent slipping while being adjusted.

The shelf mounting bracket shall be made of cast aluminum with a brite finish. The casting size shall be 2" x 2" x 2" and a minimum of 1/8" thick.

SURFACE PROTECTION: All exterior compartments shall have black rubber matting on compartment bottoms, shelves and slide-out trays.

COMPARTMENT LIGHTING: LED strip lighting in all exterior compartments.
(2) per compartment.

Locate: Inside compartment door frames. Run full height on both sides.

The lights will come on when the door is opened.

Above section bid exactly as written: _____
Section not provided: _____
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100.15 DOOR CONSTRUCTION:

DOOR SKIN: The door skin shall be .090 thick 5052-H34 aluminum sheet formed on all four sides to create a crevice free surface for best paint adhesion and corrosion resistance. The formed edges shall not have elongation cracks due to forming. The formed edges uniformly rounds off exposed edges for better paint adhesion and aesthetic appeal.

DOOR FRAMING: The door frame shall reinforce the perimeter of the skin pan. The extrusion shall incorporate a T-slot to receive an extruded, hollow, closed cell weather strip. The door frame shall also add torsion resistance to the door assembly. The door frame shall be mitered at the corners, assembled with one-way, drive-in splines, and continuously welded on the inside. The door frame shall also incorporate a clearance way for UNF threaded blind fasteners for the door panels.

FINAL DOOR ASSEMBLY: The door skin shall be bonded to the frame assembly with an adhesive sealant in addition to intermittent welding. Additional adhesive sealant shall be applied to the inside of the door skin to prevent moisture from becoming trapped between the skin and the door frame extrusion. For entry doors: Additional, horizontal structure shall be added to maintain door skin flatness as well as penetration resistance in the event of a collision. The C-shaped, horizontal members shall be formed from one hundred twenty five mils thick aluminum sheet. A minimum of two, horizontal members shall be welded in. A vertically oriented c-channel shall be welded to the webs of both horizontal channels for additional buckling resistance.

CORNER SPLINES: Both the door frame and the door jambs will be constructed of extruded aluminum 6063-T6. The extruded shapes shall be designed to mate together. There shall be a corner spline located in each corner of both the door frame and jamb. The corner spline shall be a solid milled aluminum shape that when in place creates a perfect ninety (90) degree corner. The spline shall completely fill the hollow cavity of the door frame and jamb extrusions. The spline shall be slightly larger than the cavity of the extrusions so that it must be driven into place. The spline shall have four (4) barb style wedges that prevent the spline from being removed once it is driven into place. The splines shall be approximately one half inch thick by one inch wide by four inches long (.5" x 1" x 4") in both directions from the ninety degree corner. Modular bodies that do not use both extruded door frames and jambs, nor bodies that do not use drive-in splines are not acceptable.

DOOR PANELS: The inside door panels shall be made of 100 mills (0.100) thick aluminum plate. The center panel shall be removable for easy lock service/lubrication. The edges of the door panel shall be recessed into the door frame extrusion. The panels shall be fastened to the door frame with stainless steel, #10-32 UNF machine screws threaded into aircraft quality blind fasteners. Each screw shall have an internal tooth lock washer to preclude loosening.

DOOR JAMB: The door jamb shall accommodate rigid fastening of compartment door hinges. The jamb shall include a hollow cell that shall conceal wiring for the non-mechanical door switch. The door jamb corners shall be mitered and have drive-in corner spines to hold the door square and rigidly

together at the corners. Additionally, the jamb shall be continuously M.I.G. Welded on the inside and the outside corners. A seamless door jam exterior is required to minimize corrosion - extruded type door jambs do not meet this specification. The skin shall completely conceal the door jamb from view. "No Exterior Door Extrusions Allowed".

HINGE: All doors shall have stainless steel, continuous, piano hinge. The pin diameter shall be .250 and staked into place to prevent drifting out of the hinge leaf. The knuckle lengths shall be one inch. The hinge attachment bolts shall be one quarter inch diameter, twenty threads per inch by one inch long stainless steel Type F hex head bolts. All tapped holes for hinge bolts shall be treated with an anticorrosion compound prior to installation of each hinge bolt. Each hinge leaf shall have a Mylar insulation strip between the leaf and the Jamb/Door.

LATCHES: The latches shall meet FMVSS 206. All latches shall be two-stage, rotary- type. The latches shall be through bolted to the door frame extrusion.

All entry doors shall have two rotary latches per door. To assure uniform latch timing and functional door reliability, only straight, one-quarter inch diameter rods shall connect the latches to the handle. Bends in door latch rods are NOT acceptable. Bends in door rods will straighten at undefined rates and cause latch timing problems. Unless otherwise specified herein, all single hung compartment doors shall have one rotary latch. All double hung compartment doors shall have two rotary latches per door. All striker pins shall be headed to prevent the door(s) from opening under impact.

EXTERIOR HANDLES: Large die cast paddle handles shall be provided to open all doors. Blind fasteners shall be used to fasten the handles to the door. Every paddle handle shall have an isolation gasket between the paddle body and the door skin. All door skin surfaces shall be painted prior to installation of the hardware. All paddles, on single hung and leading double doors shall be locking type and keyed the same. Trailing doors shall; have non-locking paddle handles, mounted on the outside of the door. The Handle shall have a bright chrome like finish mounted into a bright chrome coated dish.

The latching mechanism will incorporate a free floating handle design.

INTERIOR HANDLES: The interior handle shall be lever type. A Lock/Unlock lever shall be installed below the inside lever handle and be clearly marked Lock/Unlock.

Above section bid exactly as written: _____
Section not provided: _____
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100.16 HOLD-OPEN DEVICES:

The following door hold-open devices shall be installed:

Compartment doors: Gas filled, 100-degree extension actuator.

Side access door: Gas filled, 110-degree extension actuator.

Spring-loaded devices are not desired because of their weaker holding capabilities and a lack of smooth door operation.

DOOR SWING: The compartment door checks shall be installed to allow the door to open ninety degrees (90) from the fully closed position.

REAR ACCESS DOOR CHECKS: Rear access doors shall open at least 150 degrees. The door checks shall be 2 piece, heavy duty, cast aluminum, grabber type with gaskets. The door shall have a ½ round stock loop that plunges into a positive rubber/cast socket.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.17 WINDOWS, MODULE BODY ENTRY DOORS:

REAR ENTRY DOOR WINDOW:

The two rear doors shall feature a window with fixed glass. Each of these windows shall measure 16.5"h x 17"w and shall be glazed and tinted in accordance with FMVSS. The windows shall be encased in extruded aluminum frames. Under no circumstances will RV style windows, windows that rely on rubber gaskets, windows that do not feature extruded aluminum frames, or windows that do not meet the above stated minimum dimensions be acceptable.

SIDE ENTRY DOOR WINDOW:

The side access door shall feature a sliding window. The window shall measure 16.5"h x 17"w and shall be glazed and tinted in accordance with FMVSS. The window shall be encased in extruded aluminum frames. Under no circumstances will RV style windows, windows that rely on rubber gaskets, windows that do not feature extruded aluminum frames, or windows that do not meet the above stated minimum dimensions be acceptable.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.18 CURBSIDE WALL WINDOW:

The Curbside wall above the bench shall feature a fixed window. The window shall measure 16.5"h x 30"w and shall be glazed and tinted in accordance with FMVSS. The window shall be encased in extruded aluminum frames. Under no circumstances will RV style windows, windows that rely on rubber gaskets, windows that do not feature extruded aluminum frames, or windows that do not meet the above stated minimum dimensions be acceptable.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.19 PRIVACY GLASS:

All of the patient area windows, as specified above, shall feature a dark 'privacy' tint. This tint shall be incorporated into the glass. This process is required over those utilizing laminates or films due to the tendency of such materials to peel or bubble over time.

Above section bid exactly as written: _____
Section not provided: _____
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100.20 INSULATION:

The patient area of the vehicle shall be insulated with 2” Technicon polyfiber for both thermal and acoustic insulation. The compartment and access doors shall be fully lined with polydamp intefoam extensional damping pad for thermal and acoustical insulation. The duct work for the heating and air conditioning system shall be lined with .250 inch rigid foil back polystyrene insulation.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.21 SOUNDPROOFING:

To insure good working conditions and to create a stable patient environment, the vehicle shall be manufactured with particular attention paid to sound control. The following process must be performed throughout the manufacturing cycle of the vehicle:

- 1. Door interiors are to be lined with polydamp intefoam extensional damping pad
- 2. All walls shall be insulated with 2 inch Technicon polyfiber acoustic insulation.
- 3. Headliners shall be double insulated with 2 inch Technicon Polyfiber and a Reflectix barrier.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.22 MODULE CONFIGURATION

MODULE LENGTH: The module length shall be at least one hundred sixty eight inches.
MODULE WIDTH: The module width shall comply with current revision of Federal Specification KKK-A-1822. The module shall be ninety five inches wide, excluding lights and accessories.
MODULE HEAD ROOM: The module shall not be less than seventy two inches actual measured headroom. The measurement shall be taken from the patient compartment floor to the ceiling panels.
LOAD HEIGHT: Load height is defined as the vertical measurement from the level ground to the finished floor plane. The load height specified herein shall not exceed the current Federal specification KKK-A-1822.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.23 LEFT FRONT COMPARTMENT:

This compartment shall be located in the left front corner of the modular body.

The minimum compartment dimensions shall be

Door Opening: 66.5" High x 18.6" Wide x 20.5"

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches.

This is the designated Main 02 storage compartment.

COMPARTMENT FLOOR CONFIGURATION: Due to the stress transmitted to the floor of this compartment as a normal part of the loading and unloading of the main 02 cylinders the floor of this compartment will be made of .250" flat plate Aluminum. This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

MAIN 02 MOUNTING HARDWARE:

This compartment will be prepped for Install of Zico electric bottle lift.

A .250" filler plate will be installed in the lower portion to bring the back wall out to meet the depth requirements for the specified unit.

ADJUSTABLE SHELF. A single, adjustable shelf will be located above the main 02 in this compartment.

All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.24 LEFT INTERMEDIATE COMPARTMENT:

This compartment shall be located in the right of the left front compartment.

The minimum compartment dimensions shall be

Door Opening 42" High x 46.8" Wide x 20.5" Deep.

This compartment has been designated for Spare tire and stair chair storage.

COMPARTMENT DOOR: A pair of hinged, compartment doors shall be set for this compartment. The doors shall have a single handle and one rotary latch.

COMPARTMENT FLOOR CONFIGURATION: Due to the stress transmitted to the floor of this compartment as a normal part of the loading and unloading of the spare tire and associated equipment the floor of this compartment will be made of .250" flat plate Aluminum.

This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

SPARE TIRE MOUNTING: A full size, fully inflated spare tire shall be stored in the left forward portion of this compartment. The tire and wheel assembly shall be fitted to a hat section of aluminum strut welded to the back wall of the compartment. The tire and wheel assembly shall be fastened to the compartment wall utilizing 0.50 inch bolt and wing nut.

STAIR CHAIR MOUNTING: Install a stair chair mounting pocket and strap on the inside of the left door panel. The chair pocket shall be constructed of .125 polished aluminum diamond plate. Set for Stryker 6052 stair chair.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.25 LEFT REAR COMPARTMENT:

This compartment shall be located in the left rear corner of the body.

The minimum compartment dimensions shall be

Door Opening: 42" High x 34" Wide x 20.5" Deep

This compartment has been designated for miscellaneous equipment storage.

COMPARTMENT DOORS: A pair of hinged, compartment doors shall be set for this compartment.

The doors shall have a single handle and one rotary latch.

COMPARTMENT FLOOR: This compartment shall feature a Three inch (3") dropped floor. The edge of the compartment shall be continuously welded to the lower door jamb.

ADJUSTABLE SHELF: Two (2), adjustable shelves will be located in this compartment.

Distribute in the available space.

All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.26 RIGHT REAR BACKBOARD COMPARTMENT:

This compartment shall be located in the right rear corner of the module body. The minimum jamb pass through dimensions shall be

Door Opening: Full Height x 25" Wide x 20.5" Deep

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and two rotary latches.

COMPARTMENT FLOOR CONFIGURATION: Due to the stress transmitted to the floor of this compartment as a normal part of the loading and unloading of back boards and the stair chair the floor of this compartment will be made of .250" flat plate Aluminum.

This compartment floor shall be a sweep out type floor. The compartment floor shall be flush with the lower door jamb to facilitate compartment floor cleaning. The edge of the compartment floor shall be continuously welded to the lower door jamb. Heat generated from welding shall not distort the straightness or flatness of the jamb or compartment floor. The weld quality must be aesthetically uniform.

FIXED VERTICAL DIVIDER:

A fixed vertical divider will be centered in the compartment..

The divider will be full height X 18" deep and made of .125 Aluminum plate.

ADJUSTABLE VERTICAL DIVIDERS:

Two (2) adjustable vertical divider will be distributed to the left of the fixed center divider.

The dividers will be full height X 16" deep and made of .125 Aluminum plate.

ADJUSTABLE SHELF: four (4), adjustable shelves will be located to the right of the center divider.

The bottom shelf will be located 38" above floor level to accommodate the storage of long splints. The other specified shelves will be distributed above.

All exterior compartment shelves shall be constructed of .125 polished aluminum diamond plate.

STRAP: One (1) 1" wide webbed restraint strap shall be supplied in the compartment to the left of the center divider. The strap shall employ a buckle with a quick release. The strap is to have looped ends and be fastened to the compartment walls with a two-inch footman's loop.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.27 CURBSIDE FRONT COMPARTMENT:

This compartment shall be located in the right front corner of the body. The minimum compartment dimensions shall be

Door Opening: 69.88" High x 18.0" Wide

This compartment has been designated for storage of customer furnished jump kits.

It shall also be accessible from the vehicle interior front wall area.

COMPARTMENT DOOR: A single, forward hinged, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

COMPARTMENT FLOOR: This compartment shall feature a sweep out door opening.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.28 CURBSIDE FRONT BATTERY COMPARTMENT:

This compartment shall be located forward of the curbside rear compartment.

The minimum jamb pass through dimensions

Door Opening: 15.12" High x 18" Wide x 21.0" Deep

Compartment to be fabricated as a slide out tray with the face attached.

The trays shall accommodate Two (2) group 31 series batteries, and be mounted on full extension slides with a 250 pound per pair rating.

Compartment is to be vented to the exterior below floor level.

COMPARTMENT DOOR: A single, compartment door shall be set for this compartment. The door shall have a single handle and one rotary latch.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.30 BODY PROTECTION AND BRIGHT WORK:

100.31 MODULE BODY CORNER PROTECTION:

The lower seventeen inches (17") of the corner post extrusions shall be protected against stones and road debris. The corner post guards shall be formed of .080 thick polished aluminum diamond plate, contour fit to the corner post extrusions and riveted into place. A bead of silver colored, silicone sealant shall be applied across the top edge of the guards. The bottom of edge of the guard shall be left unsealed to promote moisture drainage.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.32 FRONT STONE GAURDS:

The front of the body shall have skirt-line protection plates made of polished Stainless Steel. The corner posts shall have form fit diamond plate protection height matched to the front body stone guards. The height of the protection is seventeen inches up from the body skirt line.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

100.33 REAR KICK PLATE:

The rear kick plate shall be made of 0.100 inch thick polished aluminum diamond plate and run from corner post to corner post. The height shall be from the skirt-line of the body to the bottom door jamb under the rear access doors.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.34 REAR FENDERS:

The rear fenders shall be made of polished Aluminum. The mounting fasteners shall be Stainless Steel bolts with 100% nylon nut inserts. The fastener centers shall not exceed ten (10) inches.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

100.35 SKIRT RUB RAILS:

The entire skirt-line of the body, forward and aft on the rear wheels shall have formed Polished Stainless Steel skirt rails to protect the body. Each skirt rail shall meet current Federal Specification KKK-A-1822. Each rail shall be chamfered 45 degrees at both ends. The rails shall not have exposed fasteners in the rail when viewed from the standing position. The rails shall not cut into the paint. They shall be mounted to the lower part of the modular body in such a way that they are spaced off the body.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

200 – INTERIOR:

200.01 CABINETS:

All cabinets shall be constructed of plywood. The plywood shall have a minimum of seven plies and all plies shall be made with hardwood type woods. Plywood's constructed of softwoods like fir or pine is not acceptable. The face of cabinet modules shall be one piece of plywood with the compartment openings routed out for strength. A high impact, phenolic backed, high impact, and abrasion resistant high pressure laminate shall be used on both sides of the plywood. Gator-ply or Kraft type paper backers are not acceptable due to potential moisture absorption, which can result in cabinets warping or absorption of blood born pathogens. This material as well as all interior components shall meet or exceed F.M.V.S.S. #302. The laminate shall be adhered to the plywood prior to cutting and routing to maximize the bond and minimize edge chipping. The glue shall be a PVA (poly vinyl acetate) and each piece shall be put in a glue press for a minimum 90 minutes at 30 pounds per square foot.

Cabinets shall be assembled utilizing three construction methods; gluing, stapling and screwing. The length of the fastener shall be at least 2.25 times the thickness of the material being pierced through. Screw heads shall be counter-sink type and driven flush. Staples shall be placed on two-inch intervals along the joints. Where ever possible joints shall be tongue and groove. The glue used shall be yellow colored waterproof resin type.

Each cabinet shall be designed and constructed as an independent modular component. Partial cabinets are not acceptable because it reduces overall structural integrity. Cabinets shall be bolted to the body structure. Cabinets that are welded or otherwise permanently affixed to the module body structure will be unacceptable. Such permanent installation methods limit the ability to make design updates at a later time. They also increase the time and cost involved with regard to remounting the body onto a new chassis should that occasion ever arise. Likewise, cabinets mounted with the use of either rivets or adhesives of any kind will not be considered without exception.

All trim through out the interior conversion shall be anodized aluminum or formed stainless steel. "Mill Finish" aluminum trim is not acceptable due to constant oxidation problems inherent in unfinished aluminum. All exposed corners within the patient compartment shall have padded or rounded corners. The round over trim shapes shall be dent resistant and designed to reinforce the structural integrity of the cabinet.

Mitered joints through out the interior conversion shall have a gap-less, hairline fit. Openings and misalignments at the corners are not acceptable. Misapplied trim to cover manufacturing mistakes is not an acceptable solution to poor design and/or workmanship. Doors shall be warp free. Sliding polycarbonate door assemblies shall be scratch free and all edges shall be smooth and free of saw marks and sharp edges. Cabinets shall fit tightly against the ceiling as well. Doors and drawers shall fit the opening. All doors shall open and close bind-free. Drawers shall slide in and out freely, without drag. All drawers shall be side mounted, full-extension drawer slides, rated at no less than 75 pounds per pair. All hinged wood core doors shall have positive latches.

When specified, flush fitting doors shall have even door to opening gaps. All doors shall open and close bind-free. Drawers shall slide in and out freely, without drag. All drawers shall be mounted on

side mounted, full-extension drawer slides, rated no less than 75 pounds / pair. All hinged wood core doors shall have positive latches

All shelves shall be made of hardwood laminate and be surfaced on both sides and trimmed in aluminum. The shelves shall be held in place by aluminum Unistrut track that is recessed into the cabinet wall to allow for maximum shelf width. Surface mount shelf track shall not be acceptable.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.1 *STREETSIDE LOWER FRONT CABINETS A.1:*

The street side main cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure.

Street side lower cabinet, exterior laminate Dark Grey, Interior laminate white,
Streetside lower cabinet, exterior Stainless Steel riser, interior laminate white, (1) storage area w/ bottom hinged polycarbonate door to the left of the CPR section. CPR section w/ storage below w/ hinged lid & hold open gas strut w/ FlexDraw hold down latch. Gibraltar countertop ½” retention lips in attendant area.

Refer to the provided prints.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.2 *STREETSIDE UPPER FRONT CABINET A.2:*

Streetside action wall cabinet, exterior laminate light grey, interior laminate white, (2) upper storage area w/ sliding polycarbonate doors, (1) adjustable shelf centered in each.

RESTOCKING FEATURE: These cabinets are to have top hinged face frames, with gas strut hold open and positive locking devices to secure the frames in the closed position.

Cut outs for SSCOR panel, Inverter panel attendant area back wall.

Refer to the provided prints.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.3 *STREETSIDE CABINETS REARWARD CENTER POSITION: A.3*

The streetside main cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure.

Streetside storage cabinet, exterior laminate light grey, interior laminate white, (1) upper w/ sliding polycarbonate doors, w/ adjustable shelf

Center section open with Gibraltar countertop, includes 1/2" retention lips.
Refer to the provided prints.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

200.4 *STREETSIDE REARWALL: A.4*

The streetside rear main cabinet wall shall be assembled according to the cabinet construction section.
The assembly shall be bolted to the module body structure.

STREETSIDE UPPER REAR CABINET: with sliding plex doors will extend across the upper A2 and A3 area to the rear. exterior laminate light grey, Interior laminate light grey, upper exhaust vent.

RESTOCKING FEATURE: These cabinets are to have top hinged face frames, with gas strut hold open and positive locking devices to secure the frames in the closed position.

STREETSIDE MID LEVEL REAR CABINET: A 24" tall X 18" deep cabinet with sliding plex doors will be located above the exterior compartment to the left of the A.3 counter top.

This cabinet will have Two (2) fixed shelves distributed in the space with six (6) adjustable dividers located above and six (6) adjustable dividers located below each shelf.

Refer to the provided prints.

The rearward, street side, center wall cabinet shall be assembled according to the cabinet construction section.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

200.5 *STREETSIDE CPR SEAT AREA: A.5*

The street side rear cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure.

Streetside CPR seat area, exterior laminate light grey, rear wall.

Hinged backrest w/ stainless steel tray on back side includes 1/2" retention lips

Refer to the provided prints.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

200.6 *STREETSIDE BULKHEAD CABINET :A.6*

A vertical storage cabinet shall be located behind the attendant seat. It shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure. Streetside bulkhead cabinet, exterior laminate light grey, interior laminate white, cabinet split, upper section w/

hinged door w/ locking latch and (1) adjustable shelf, lower section w/ hinged door w/ locking latch, w/ vent (Inverter comp.).

Top of cabinet to have Gibraltar countertop with 1/2" retention lips.

This cabinet will be used for Radio and inverter storage.

Add vents to the upper and lower doors.

Refer to the provided prints.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.7 CABINET UPPER FRONT OVERHEAD: A.7

A 6" deep X 37" wide X 22" tall Electrical Cabinet will be located over the cab/module walk thru opening. This cabinet shall include a solid hinged door hinged on top with gas shock to hold door in upright position for maintenance. This cabinet shall conform to all cabinet construction requirements.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.8 PARTITION DOOR: A.8

Partition door, exterior laminate light grey, sliding (clear) Plexiglas window, hinge door on passenger side, door will swing into module

A Gibraltar threshold 1.5" tall x 1" wide will be installed across the opening between the module and the cab to act as a liquid stop

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.9 CURBSIDE BULKHEAD JUMP-KIT CABINET: A.9

A cabinet shall be provided on the front wall of the patient area just inside the side access door. This cabinet shall run from floor to ceiling and shall be assembled according to the cabinet construction section. The cabinet shall be anchored at both the top and bottom for stability. This cabinet shall have both interior and exterior access. The exterior access door shall conform to the same door construction specifications as mentioned earlier. This storage area shall be used to house purchaser supplied bagged equipment and supplies. This cabinet will be configured as depicted in the provided prints.

Upper section w/ (2) hinged 3/8" smoke polycarbonate doors w/ plastic "D" ring latches, (1) adjustable shelf w/ aluminum lip.

Lower section is to be open with, (1) adjustable shelf w/ aluminum lips.

The perimeter of the opening shall be protected with anodized aluminum trim. The trim shall be set with an adhesive in addition to counter sink screws.

Adjustable shelving will be installed using a Unistrut type mounting system This will allow the customer to achieve full adjustability of each shelf.

The manufacturer shall install a LED Strip lighting at the side compartment door opening providing even lighting across all shelving..

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.10 SQUAD BENCH: A.10

A minimum 20" wide x 72" long squad bench shall be provided on the curbside of the patient area. It shall be assembled according to the cabinet construction section. The lid shall be split and shall not include posts or wheel cups for a stretcher. Exterior Stainless Steel riser, interior laminate white, (2) hinged lids w/ hold open gas struts and Southco rubber " FlexDraw " hold down latches

HEAD END SEATING POSITION: Six Point Restraints, (1) set for squad bench attendant.

Install a single six point restraint at the head of the squad bench. The belts shall conform to FMVSS Standard No. 209 (seat belt), and 210 (seat belt anchorage).

Retain window, locate right of center over bench.

FOOT END SEATING POSITION: One (1) pair of seat belts shall be installed in this area for the seated position. The belts shall conform to FMVSS Standard No. 209 (seat belt), and 210 (seat belt anchorage).

On the curbside wall there shall be Four (4) back rectangular cushions for backrests. These too shall be easily removed for bio-hazard cleaning.

The cushions shall be attached to the lids with Velcro to make them easy to remove for bio-hazard cleaning. Two additional belts shall be supplied for backboard retention of a secondary patient.

BIO-WASTE RECEPTACLE: A biological waste receptacle shall be supplied and installed at the foot of the squad bench. One six quart (346 cubic inch), rimmed plastic waste container shall be supplied and fitted into the "Bio-waste" enclosure. The receptacle shall accommodate a sharps container per the following paragraphs.

The sharps containers shall be enclosed and secured in a molded enclosure, free of crevices. The molded enclosure shall be covered with a red Plexiglas hinged door. It shall have a 3" hole to easily facilitate the passing of the used sharps into the container. The door pull shall be full length. A white colored "Bio-waste" symbol and legend shall be applied to the door.

SUUPPLY DRAWERS: (2) rollout drawers in face of squad bench - see drawings.

Drawer (1) at head end 12" wide X 20" deep X available height, with non locking slam latch.

Drawer (2) to be 12" wide X 20" deep X 6" tall to have a non locking slam latch and simplex lock.

Install (6) adjustable Plexiglas dividers, left to right.

NOTE: Provide latch service access holes with covers, through top surface of drawer closeouts.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

200.11 CURBSIDE UPPER CABINET:

The curbside upper cabinet wall shall be assembled according to the cabinet construction section. The assembly shall be bolted to the module body structure.

Curbside storage cabinet, exterior laminate light grey, interior laminate white.

Cabinet over squad bench, divided into two sections w/ hinged (flip up) 3/8" polycarbonate doors w/ plastic "D" ring latches

ADJUSTABLE VERTICAL DIVIDERS:

QUANTITY: (2) Sets.

Install a set of 6 plexiglas dividers into each section of the upper curbside cabinet.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.12 ATTENDANT SEAT:

A bucket type attendant seat with built in child safety seat shall be installed. The seat shall be bolted to a pedestal with 3 point retractable seat belts. The seat shall be capable of sliding both front and backward. The seat shall be upholstered to match the vehicle interior, and shall be capable of adjustment from front to rear. Seat shall conform to FMVSS Standard No. 209 (seat belt), 210 (seat belt anchorage). Manufacturer must be able to supply compliance documentation.

Install a steel cabinet base with sliding drawer, access from isle side.

Powder coat finish complementary to interior color choice.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.13 CENTER CONSOLE DRIVER AREA:

A center console shall be installed in the driver area and attached to the floor. It shall be removable for engine service and include adequate service loops on the wire harness. The main console shall provide mounting space for customer supplied MDT, a Siren controller, Intercom system and at least Two (2) radios. Aft of this shall be a separate, storage container with a removable map container with built in handles.

The console shall be covered with gray laminate to match the cab interior.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.14 HEAD PROTECTION - CURB SIDE ACCESS DOOR:

A seamless pad specifically designed to protect the head during egress is required. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

200.15 HEAD PROTECTION - REAR ACCESS DOORS:

A seamless pad specifically designed to protect the head during egress is required and shall comply with current Federal Specification KKK-A-1822. The pad shall consist of a two inch thick foam sheet over a hardwood plywood backing board and covered in seamless vinyl upholstery.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

300 - INTERIOR TRIM AND COLOR:

300.1 FLOOR COLOR/MATERIAL:

The floor covering in the patient compartment shall be Loincoin II Flecks, Color Onyx #150UV .
This floor incorporate an Anti microbial protection.
It will be covered up the side walls a minimum of 3”.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.2 UPHOLSTERY COLOR, REAR:

Unless otherwise specified, the upholstery color for the patient compartment shall be Sierra Light Gray TL -2000.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.3 WATER FALL UPHOLSTERY, REAR:

UPHOLSTERY JOINERY TYPE: All long runs of cushion corners shall be vinyl wrapped.
Sewn seams are permitted only on the cushion corners. Sewn seam lengths shall be restricted to the cushion thickness. All vinyl surfaces shall be pulled tight against the foam, utilizing a hardwood plywood backing board.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.4 LAMINATE COLOR, UPPER:

Unless otherwise specified, the laminate color for all upper cabinetry shall be - Light Gray - D 355.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.5 LAMINATE COLOR, LOWER MATTE:

Unless otherwise specified, the laminate color for all lower cabinetry shall be Dark Gray - 10592, matte finish.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.6 POLYCARBONATE DOORS:

Unless otherwise specified, the Polycarbonate shall be .240 thick. Sliding doors will have full height anodized aluminum handles installed, in addition 1” diameter finger holes will be provided for cable ties. The Color shall be Light Tint.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.7 SEAT CUSHIONS:

All seat cushions in the patient area shall be 2" foam, double stitched seams. They shall be attached with Velcro fasteners for quick release and cleaning.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.8 COUNTER TOPS:

All counter tops are to be high strength 1/2-inch thick Gibraltar solid surfacing material (like Corian). The material shall be edged with a one (1) inch wide strip to prevent equipment from sliding off the countertop as well as retaining any spilled fluids. The entire countertop shall be glued and sanded to create a continuous waterproof tray that will not absorb fluids and is easy to clean. It shall also be impervious to all high strength cleaning and disinfecting solutions.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.9 HEADLINER:

The patient area ceiling shall be constructed of a bright white laminate over 1/4 inch luan plywood. This material shall be smooth, easy to clean, and durable. Headliner material that is padded or upholstered in any way will not be considered due to the lower degree of durability and the risk of contamination inherent in such materials.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.10 DOOR PANELS:

An inner door pan shall fit flush with the inner edges of the door. Inner door pans that do not fit flush will have sharp or ragged edges exposed and will not be acceptable. The panels must be attached to the door structure with machine screws and Nutserts to prevent stripping. Sheet metal screws or rivets will not be accepted. A closed cell cross linked polyolefin foam tape shall be used beneath the inner door panels to isolate the panels from the doorframes. This process will prevent door rattling.

Unless otherwise specified, the laminate colors for all upper door panels shall be – D355 Light Gray, matte finish laminate.

The lower door panels will be brushed finished Stainless Steel.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.11 STAINLESS STEEL DOOR SILL:

The lower portion of the patient area entry doors shall be covered with single sheets of stainless steel. Designs that do not incorporate this feature will not be considered as they will not be capable of protecting the door panels from damage due to cot movement, foot traffic, Etc.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

300.12 STREETWALL RISER:

The street side riser beneath the main cabinet wall shall be covered with a single sheet of stainless steel. The stainless material shall be installed flush with the riser and trimmed at the top and both sides so as to cover the edges. The bottom of the material shall be formed at a 90 degree angle so that, upon installation, the 4" rolled floor will seal against the stainless steel. Designs that do not include this

stainless steel riser will not be considered as they will not be capable of protecting the riser from damage due to cot movement, Etc

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

300.13 BENCH RISERS:

The curbside riser beneath the squad bench shall be covered with a single sheet of stainless steel. The stainless material shall be installed flush with the riser and trimmed at the top and both sides so as to cover the edges. The bottom of the material shall be formed at a 90 degree angle so that, upon installation, the 4" rolled floor will seal against the stainless steel. Designs that do not include this stainless steel riser will not be considered as they will not be capable of protecting the riser from damage due to cot movement, Etc. In addition, stainless steel risers that have exposed edges, or that are more than one piece, will not be acceptable.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

400 - WARNING DEVICES:

400.1 LIGHTBAR:

The lightbar specified below shall be installed per the lightbar mounting instructions supplied by the manufacturer.

Lightbar All LED, Front module mount, Code III (XP9588-ALRC-102) 88" long, Red LED's (1) Steady Red LED, (2) White LED's with all Clear forward facing lenses, and Red top lenses Opticom (LED) GTT 795H Emitter, (inside lightbar) used on low profile lightbars. (Includes Activating via Primary Switch, and wired thru Park/Neutral cut-off)

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.2 WARNING LIGHTS REAR UPPER:

The module shall have (2) Code 3 (85BZR) LED (red) w/ chrome flange warning lights with RED lenses mounted on the rear outboard corners of the module.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.3 WARNING LIGHTS REAR LOWER:

The module shall have (2) Code 3 (85BZR) LED (Amber) w/ chrome flange warning lights with RED lenses mounted on the rear outboard corners of the module.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.4 WARNING LIGHTS MODULE:

The module shall have (4), Code 3 (85BZR) LED (Red) w/ Chrome Flange warning lights with RED lenses. (2) on the streetside upper corners and (2) on the curbside upper corners.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.5 FORWARD WARNING LIGHTS:

There shall Two (2) Code 3 (LXEX1F-R) LED with Red lenses mounted in bright cast aluminum light housings in the grille.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.6 FRONT FENDER WARNING LIGHTS:

Intersection lights, front fenders, (2) Code 3 (45BZR) LED (red) w/ chrome flange warning lights with RED lenses, (1) on the streetside fender and (1) on the curbside fender.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.7 REAR FENDER WARNING LIGHTS:

Intersection lights, front fenders, (2) Code 3 (45BZR) LED (red) w/ chrome flange warning lights with RED lenses, (1) above the streetside fender and (1) above the curbside fender.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.8 SCENE LIGHTS, REAR:

There shall be (2) Code 3 (41Z26) Halogen (clear) w/ chrome flange and with 26 deg. Optics mounted on the rear of the module just above the rear doors.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.9 REVERSE ACTIVATED REAR SCENE LIGHTS:

The above specified rear scene lights will be wired to activate when the vehicle is placed in reverse gear in addition to operating when the rear doors are opened.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.10 SCENE LIGHTS, SIDE:

There shall be (4) total, (2) per side Code 3 (88Z26) Halogen (clear) w/ chrome flange. Lights shall be mounted next to the red warning lights.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.11 CHROME FLANGES:

All emergency lighting specified is to have Chrome flanges installed to enhance the appearance of the unit.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.12 SIREN, ELECTRONIC:

The vehicle manufacturer shall supply and install a Whelen 295SLSA-1 siren, CA spec, 100 Watt w/mic, (hi-lo deleted), flush mounting bezel, (horn ring control). This siren shall be compliant with California Title 13 requirements.

Above section bid exactly as written: _____

Section not provided: _____
Bidder is offering an alternative to this section: _____

400.13 SIREN SPEAKER:

Cast Products 100 watt through bumper siren speakers will be installed. Speakers will be installed in a manner that will not disrupt airflow to the radiator or engine area. The speaker driver itself shall be a single unit, two piece siren speaker assemblies are not acceptable due to greater susceptibility to environmental damage.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.14 AIR HORN SWITCH:

Airhorn system to be supplied with chassis provide a single Line Master Clamshell style foot switch on drivers side in cab.
Location to be determined at Pre construction conference.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.14 HEADLIGHT FLASHER:

The vehicle headlights shall alternately flash through the activation of the appropriate switch on the cab control console. The flasher circuit must be designed so the daytime running lights (low-beams) are cut out when the flasher circuit is engaged. This is an OEM requirement to reduce heat build up in the light housing, which could result in severe damage.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.15 WARNING LIGHT FLASHER:

An ambulance flasher module shall be installed to supply momentary power (flash) for the warning lights.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.16 UPPER BRAKE LIGHT:

A Brake light, rear upper center, Code 3 (45BZR) LED (red) w/ chrome flange. shall be installed in the center of the mod directly above the rear entry doors.

It shall be wired to the chassis brakes and operate in conjunction with the brake lights.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.17 MARKER LIGHTS:

Front, rear and side FMVSS marker lights shall be LED type:

Front; amber lights are supplied on light bar.

Side; two red lights in upper rear of module side.

Rear; five red lights in upper corners and above doors module rear.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

400.18 TAIL LIGHTS:

Code 3 brand back-up, turn and brake lights (with flanges) shall be supplied as follows:

(2) Code 3 (65STBZA) LED (amber) w/ arrow turn signal - outboard on diamond plate

(2) Code 3 (65STBZR) LED (red) Stop/Tail light - Inboard on diamond plate

(2) Code 3 (65BZRV) LED (clear) back-up light - above diamond plate

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

400.19 BACKING ATTENDANT WARNING:

Two weather proof push button switches on back of module, one on each side.

Decals to read 1."stop", 2."go" and 3. "backup". Install in rear end panels outboard and approx. 5 ft to 5 ft 1/2 inch from ground.

Wire to buzzer located in the cab.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

400.20 DOOR REFLECTORS:

Red reflectors shall be installed on the inside on the patient area doors.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

400.21 BODY REFLECTORS:

The module shall have amber reflectors in the lower front corners and red reflectors in the lower rear corners.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

500 - ELECTRICAL CONTROL CENTER:

500.1 ELECTRICAL SWITCH PANEL FRONT:

Two (2) consoles shall be installed in the cab.

The lower console shall be fabricated to match the OEM dashboard material, and color. The console shall be installed at floor level to allow for siren and radio head installation in its face.

LOWER CAB CONSOLE: Lower console mounted to engine cover with switch panel, siren and cup holders. There shall be a door-open warning light in the front console, this shall be a LED red flashing light. This shall be identified by an etched plastic label. All jeweled lights shall be Cole Hersee, PL 86-RC

Indicator lamp, DOOR OPEN, C.H. LED Pilot Light, red flashing.

Indicator lamp, ALTERNATOR, C.H. LED Pilot Light, red, steady.

Indicator lamp, PARKING BRAKE, C.H. LED Pilot Light, red flashing.

Indicator lamp, EMERG START, system activated, LED Pilot Light, red, steady, w/manual reset.

Indicator lamp, BATTERY ON, C.H. LED Pilot Light, green low watt bulb, steady.

Amperage meter digital, center console mounted, TST with remote induction sensor – no shunt.

Voltage meter digital, center console mounted, TST 0-18 volts.

Hour meter, panel mounted, TSD, alternator activated.

UPPER CAB CONSOLE: The upper console shall be located over head in the center portion of the factory storage panel. It shall house the emergency control panel. Under no circumstances shall the console interfere with the OEM vehicle controls or gauges, nor shall the control panel be installed in such a manner as to interfere with the OEM vehicle controls, gauges, or the driver's line of vision. There shall also be an emergency disconnect switch for manual, emergency shutdown. All switches shall be Cole Hersey, Euro style and color coordinated with their specific functions and shall be back lighted. (Including module disconnect switch). System shall also incorporate an automatic shut down timer (5 minute) activated when ignition is turned off. Switch MASTER ON

Switch PRI/SEC.

Switch LIGHT BAR WHITE OFF

Switch HEADLIGHT FLASHER

Switch OPTICOM

Switch BACK UP ALARM

Switch LEFT FLOOD

Switch REAR FLOOD

Switch RIGHT FLOOD

Switch PATIENT DOME, Lit Amber

Switch PATIENT HEAT-A/C, Lit Blue

Switch MODULE DISCONNECT, Lit Green

Switch EMERGENCY START, Toggle w/switch guard, non-lit

Note: These Consoles will be custom configured to fit the Navistar Chassis and meet the customer requirements.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

500.2 SPOT LIGHT:

100,000 CP Spot light, black rubber, halogen clear, hard wired. (clip supplied loose)

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

500.3 MAP LIGHT:

Install a Federal Mini Light on right side of the front console.

Wire to a cab control panel switch.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

600 - ELECTRICAL PATIENT COMPARTMENT:

600.1 ELECTRICAL SWITCH PANEL ATTENDANT AREA:

All switches shall be Euro style and color coordinated with their specific functions. Cole Hersey LED, back lit, ten position. Electrical Switches/Defeat, Panel, panel mounted:
 Switch, DOME HI-LO, panel mounted, C.H., black, non lit.
 Switch, MAP LIGHT:, panel mounted, C.H., Euro, black, non lit.
 Switch, CABINET LIGHTS, C.H., lit White
 Switch, ELECT SUCTION, C.H., lit Amber.
 Switch, MAIN 02, panel mounted, C.H., Euro, black, lit amber.
 Switch, EXHAUST, panel mounted, C.H., Euro, black, lit amber.
 Switch, PATIENT HEAT A/C, 3-way panel mounted, C.H., 1 Euro, black, A/C on lit blue.
 Switch, A/C, FAN HI-LO, 3-way panel mounted, C.H., Euro, black, non-lit.
 Switch, A/C, HEAT-COOL, 3-way panel mounted, C.H., Euro, black, non-lit.
 Control panel, Xantrex, Fleetpower, 1000W, w/auto transfer.

Above section bid exactly as written: _____
 Section not provided: _____
 Bidder is offering an alternative to this section: _____

600.2 ELECTRICAL SWITCH PANELS OTHER:

All switches shall be Cole Hersey, LED Euro style and color coordinated with their specific functions. Santex, back lit, 2 positions. Electrical Switches/Defeat, Panel.
 Two (2) locations to be provided.

Switch defeat, PATIENT DOME, side and rear door, C.H. (not lit)
 Switch defeat, RIGHT FLOOD, side and rear door, C.H. (not lit)
 Switch defeat, REAR FLOOD, side and rear door, C.H. (not lit)

Above section bid exactly as written: _____
 Section not provided: _____
 Bidder is offering an alternative to this section: _____

600.3 DOME LAMPS LED:

Eight (8) White LED dome lights shall be installed in the patient area ceiling. These will be configured for two light intensities, high and low. The lens shall be high strength Lexan. The lights shall be recessed into the headliner and shall not protrude from the ceiling more than 1/8". Each light shall not

draw more than 1.5 amps at full intensity. All dome lighting shall be controlled via multi-way switching at the patient action, module doors, area and the front electrical control console.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.4 CABINET LIGHTING:

Interior cabinet lighting, LED disc light in each interior cabinet, action wall panel lighting attendant area, and ALS cabinet to have LED strip lighting, both activated w/ switch in action area

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.5 STEP WELL LIGHT:

A Grote LED light shall be installed in the side step well to light the step well area when the side access door is opened. The light shall be activated by a magnetic door switch installed on the door as described elsewhere within this document.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.6 ATTENDANT LAMP:

12 Volt LED Strip Lighting mounted to bottom of upper cabinet to illuminate the action wall area.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.7 ATTENDANT MAP LIGHTING:

Install a Federal Mini Light on right side of the rear attendant area.
Wire to an attendant control panel switch.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.8 RESTOCKING LIGHT TIMER:

15 MINUTE TIMER: A variable 0 to 15 minute, spring wound, mechanical timer switch shall provide temporary illumination of the patient cabin for check out purposes. The switch input shall be wired directly to the vehicle batteries.

Two (2) timers will be provided.

The switches shall be located on the curbside wall, one by the C/S access doors over the squad bench, the second inside of the right rear door.

The timer circuit shall comply with the latest revision of KKK-A-1822.

LIGHTS POWERED BY TIMER: The aforementioned timers shall power Three (3) LED dome lights over the cot.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.9 ELECTRICAL OUTLET 12V DC:

The 12 volt outlet shall be wired through a 10 amp auto reset circuit breaker. All outlets, unless noted otherwise below, shall be on with the ignition timer/circuit. All 12 volt outlets shall be labeled.

Adapter type shall be a cigarette lighter style.

A 12 volt electrical outlet shall be installed at the attendant action area.

A 12 volt electrical outlet shall be installed in the curbside bulkhead cabinet next to the 110V outlet.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.10 ELECTRICAL OUTLET 120V AC:

Two (2) Duplex 120V, 15 amp interior electrical outlets shall be installed. Outlets shall have an indicator light to be on when outlets are hot.

One (1) at the action wall.

One (1) in the upper section of the ALS cabinet.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

600.11 SHORE POWER:

The vehicle shall be equipped with a 120V 15 Amp. Hubbel shore power inlet. It shall have a hinged cast cover.

Locate Mount shoreline plug on front of modular just below OEM grab rail on streetside.

Refer to prints.

Note: Wire to female receptacle in the inverter compartment..

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

600.12 INVERTER/CHARGER:

Power inverter and battery charger - Xantrex, Freedom, HW-1000W, w/auto transfer, \$890 (connected to electrical outlets and shoreline)..

Locate: In the designated lower streetside interior cabinet.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

600.13 PATIENTT AREA CLOCK:

Clock, Emergency Time Manager, mounted in action wall panel, chimes.
Locate: Center over the rear doors.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.14 PATIENTT AREA AM/FM SPEAKERS:

AM-FM Speakers (2) above rear access doors in patient compartment.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

600.15 AIR RIDE SYSTEM CONTROL:

All switches shall be Cole Hersey, LED Euro style and color coordinated with their specific functions.
Santex, back lit.

In addition to the OEM factory switch on the front console provide a defeat switch over the rear doors.

Air Ride Dump System to function as follows:

To dump automatically when Left rear door is open, and fill when it closes.

This defeat switch will not interfere with the OEM switch.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700 - ELECTRICAL AND MECHANICAL – STANDARD:

700.1 ELECTRICAL SYSTEM:

ELECTRICAL SYSTEM 12 Volt - General

MODULE GROUNDING: A minimum of (2) two braided ground straps shall be through bolted to the chassis frame and the floor structure of the modular body. The bolts shall be at least 3/8 diameter. A flat washer shall be provided under the head of the bolt, over the strap lug. Additionally an internal tooth lock washer shall preclude loosening. Conventional stranded copper cables are not acceptable because they do not suppress RFI and does not meet SAE J551.

GENERAL GROUNDS: To comply with current Federal specification KKK-A-1822 plus enhance ground quality and reduce trouble shooting time, all devices wired within the ambulance conversion shall be centrally grounded. Each device shall have a separate ground wire routed to a central buss bar then grounded via fine strand cable to the module body. Local grounds are acceptable only when the device is drawing at or less than 100 milliamps (0.1 amps).

12 VOLT WIRE: All wires within the ambulance harnesses shall meet current Federal specification KKK-A-1822. All wiring shall be SXL type wire. Although GXL type wire is Ford QVM approved it does not have as high a rating as SXL and so therefore is not acceptable. Wire gauge used shall be 150 percent of circuit requirement. All crimps on 12 gauge or smaller thickness wire shall be done utilizing a hydraulic crimper. Manual crimping is not acceptable because it is more susceptible to long term failure. The wire shall be color coded, number coded and function printed every six inches. Every circuit shall be protected with an automatic resetting circuit breaker. Wire conductors shall be stranded copper.

WIRE PROTECTION: All wire within the conversion shall be protected and run in split convoluted loom with a melting temperature of 300 degrees, Fahrenheit. All wire harnesses shall be clamped and routed to eliminate possibility of damage due to cut/chaffed wire. Grommets made of rubber or plastic shall be used where harnesses pass through metal or wood. Large holes and irregular shaped wire passages shall use automotive edge trim to protect the wire conduit/loom. Wire harnesses shall be neatly clamped into protective routing areas away from heat sources, unfriendly edges or moving devices.

SPLICE-LESS WIRING:

Each converter-added circuit shall be powered through an individual wire that is free of any splices within the wire harness. For ease of troubleshooting and for greater reliability, one end of the wire shall plug directly into the output module and the other end shall connect to the device or the pigtail of the device being powered.

The use of daisy-chain wiring will not be acceptable.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.2 *CIRCUIT BOARD:*

RMR Rail System, W/ LED Diagnostics.

CIRCUIT BOARD: The single relay control board is a fully integrated relay control board designed and built to IPC Class 3* guidelines. The VF4 style socketed relay is rated at 20A at 24 VDC with built-in on-board diode suppression. Three status indicators for Blown Fuse, Coil Power and Load allow for intuitive operation and troubleshooting. Also included is a medium sized ATO blade style fuse / circuit breaker holder that is rated for 20A. Wiring connections are made via a WAGO Cage Clamp removable lockable connector, which provides a secure, vibration proof and corrosion resistant wire termination. Installation time is reduced by as much as 75%.

All of these features are mounted in a 2"x2" DIN Rail mountable package. Clearly, the Single Relay Control Board is a best-in-class solution for Emergency Vehicle relay applications.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.3 *GROUND STRAPS, MODULE TO FRAME:*

Four (4) 7/8" wide by 1/8" thick, fine strand, woven straps shall provide a ground path from the module body to the chassis frame. Woven straps filter out RFI noise originating from alternators, strobe power supplies and other devices, that may find their way into intercom, stereo and two way communication radios. Each end of the ground straps shall be through bolted with 3/8" diameter, grade 5 or 8, hex head bolts and lock nuts. Each connection site shall be cleaned to the bare metal prior to fastening the strap. The connections shall have a dielectric anti corrosion spray applied.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.4 *EMERGENCY START SYSTEM:*

The Five (5) battery system, as noted in the "Chassis" section of these specifications shall include three batteries on a roll out tray on the cab under the driver's door. The two (2) additional batteries shall be located in a fabricated aluminum container with slide out tray in the designated battery compartment per the location listed in this specification. The three (3) chassis batteries shall be primary and utilized for starting the vehicle and running the patient module. There shall be two additional secondary batteries to be continuously charged but isolated from the primary batteries. In the event the primary batteries are depleted there shall be an emergency start circuit that upon

activation ties the secondary batteries to the primary batteries. Each system shall be able to be monitored by a common voltmeter. If the system for emergency purposes is tied together a jeweled, red, one-inch (1") light shall be activated. This light shall remain activated until it is reset by a method that is separate and not obvious to the driver. The intent of this system is to always have backup battery power for emergency starting and to force a system review when an "Emergency Start" event occurs.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.5 AUTO THROTTLE:

A NAVISTAR high idle device shall be supplied to control the high idle system.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.6 SHUT DOWN TIMER:

The chassis electrical system shall incorporate an automatic shut down timer (5 minute) activated when ignition is turned off. The timer shall also be adjustable to 10 or 20 minute time segments.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.7 ELECTRIC DOOR LOCKS:

Power activated door locks shall be installed on Patient area Access Doors. Locks shall be activated by cab door lock switch. Locks may be overridden by a manual slide lever or by the door key.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.8 ELECTRIC COMPARTMENT LOCKS:

Power activated door locks shall be installed on all Exterior Compartment Access Doors. Locks shall be activated by cab door lock switch. Locks may be overridden by the door key.

NOTE: The lower curbside forward battery compartment will not require a power lock.

Above section bid exactly as written: _____

Section not provided: _____
Bidder is offering an alternative to this section: _____

700.9 *ELECTRIC DOOR LOCKS WIRED TOGETHER:*

Cab, and module doors are to be wired into the same circuit so that the NAVISTAR remote controls all locks.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.10 *ELECTRIC DOOR LOCKS REMOTE SWITCH:*

Remote door lock release, front grille, controls all locks.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.11 COMPARTMENT LIGHTING:

LED strip lighting on all exterior compartments. (2) per compartment.
Locate: Inside compartment door frames. Run full height on both sides.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.12 GROUND LIGHTING:

Ground Lighting: Add LED strip ground lighting underneath patient compartment entry doors.
Lights to come on when the access doors are open.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.13 RADIO POWER:

Two way radio power, Positive - Negative - Ignition, with terminal strip.
Quantity: Three (3) Sets
Set #1
Locate: Terminate inside the streetside bulkhead cabinet behind the attendants seat.
Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead
Set #2
Locate: Terminate cab bulkhead wall behind the driver’s seat.
Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead
Set #3
Locate: Terminate inside the front console.
Configure: Provide 3 terminal blocks, 1 lead hot to Battery, 1 lead hot to Ignition, 1 Ground lead

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.14 ANTENNA WIRING:

(4) Customer supplied coax cables with ends shall be installed. A removable access plate in the patient area ceiling shall be provided for access to the exterior termination point located on the module body roof. Under no circumstances shall the vehicle design necessitate disassembly of the interior finish work to access the coax termination points.

- #1 originates Module Roof centerline and terminates in the streetside bulkhead cabinet.
- #2 originates Module Roof centerline and terminates in the streetside bulkhead cabinet.
- #3 originates Module Roof centerline and terminates in the streetside bulkhead cabinet.
- #4 originates Module Roof centerline and terminates in the Curbside Rear exterior compartment.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.15 GPS ANTENNA WIRING:

Customer supplied GPS antenna to be installed on Module roof. A removable access plate in the patient area ceiling shall be provided for access to the exterior termination point located on the module body roof. Under no circumstances shall the vehicle design necessitate disassembly of the interior finish work to access the coax termination points.

Module Roof Centerline #1 forward position and terminates in the streetside bulkhead cabinet.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.16 SIGTRONICS INTERCOM RADIO INTERFACE:

Furnish and install Sigtronics system per Huntington Beach Specification PKG. Supply PUSH to TALK without boxes.

There will be (2) buttons, one on each side of console face.

Head set plug in boxes located on the bulkhead wall above driver and passenger.

3rd Intercom position with hand set and radio to be located in action area.

NOTE: The customer is to supply the exact specifications for the system required.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

700.17 AIR CONDITIONING:

The chassis manufacturer's largest capacity heat/AC system shall be supplied.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

700.18 AIR CONDITIONING:

A 12V heat/AC system shall be installed. The BTU and CFM ratings on this unit shall be as follows:

Heat: 42,600 BTU

A/C: 36,000 BTU

CFM: 620

The drain pan shall be formed from 1/8" ABS plastic sheet and shall be listed (tilted) toward the drain fitting. The Evaporator unit shall be mounted so that the weight of the coil, case and blower assembly does not rest on the pan. Additionally the entire evaporator shall be tilted toward the condensation drain fitting to enhance water flow to the drain hose. The drain hose shall be 1/2" I.D., collapse resistant and fiber reinforced poly-tubing.

Included shall be a central air type system that routes the conditioned air to a minimum of six (6) adjustable vents. One of the vents shall be located directly over the CPR seat. Vents should be capable of being closed off entirely and rotate 360 degrees. When all vents are open the air output at each vent shall be the same plus or minus 10 percent. The minimum output shall be 133 CFM at each vent or a minimum air speed of 27 knots. In addition the unit shall be located as close to the ductwork as possible to minimize resistance. Manufacturer shall provide an access door for easy service and repair of unit. Shall also supply an air intake vent for true air re-circulation.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.19 AIR CONDITIONING SECONDARY CONDENSOR:

A secondary condenser, dual fan will be provided and integrated into the rear AC system. The condenser will be located under body in a protected position.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.20 AIR CONDITIONING HOSE:

Air conditioning hose shall be low loss barrier type specifically rated for R134A type refrigerant.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.21 HEATER HOSE:

The heater hoses shall route from the O.E.M. tie in point to the rear heater core. Hose shall be 5/8 inch ID Nomex brand. This is the identical hose used by the chassis manufacturer. Hoses made from other materials shall not be used because they do not meet Ford Qualified Vehicle Modifiers Program (Q.V.M.).

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

700.22 POWER EXHAUST VENT:

Exhaust vent, left rear streetside wall, Cast Products exterior cover, interior louver round. Attwood Turbo 3,000 inline blower, 145 CFM blower to be located streetside rear wall. A service access panel will be provided inside the upper rear cabinet. (1) on/off switch to be located in the action area switch panel.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800 – SUCTION / OXYGEN SYSTEM:

The oxygen and suction outlets installed in the vehicle shall be Ohio Medical Quick Connect style outlets.

800.1 ASPIRATOR:

The manufacturer shall furnish and install an SSCOR on-board suction system. The system shall include a pump, a vented wall-mounted regulator, and a canister holder that accepts most hospital grade canisters. The aspirator shall be accessible for use from the inhalation area per the attached prints.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.2 VACUUM PUMP:

The pump shall be an oil-less diaphragm pump. The reason for this is to eliminate the need for maintenance. The pump shall be housed in the vehicle in an area to reduce noise. It shall have clinical airflow in excess of 30 LPM (liters per minute).

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.3 OXYGEN SYSTEM:

Reliability, safety, and ease of operation are essential characteristics of the onboard oxygen system. System design must meet the following minimum guidelines. The regulator (when specified) shall include an integral dial type gauge to monitor the cylinder contents. The line shall be UL approved. There shall be NO connections installed in the line between the regulator and manifold assembly as these create a possibility for leakage. All connections shall be DISS style and shall be specific to the gas being supplied. The completed system shall be tested once it is installed in the vehicle. This test shall be performed at working pressure for a minimum of four (4) hours. After the system has passed the inspection process it shall be capped and tagged per Federal KKK.

OXYGEN OUTLETS - GENERAL: Each outlet shall be comprised of an "Inlet Box" and a "Latch Plate" as defined herein. The "inlet box" shall be a universal inlet service box with a 165 mm type "K" (3/8") OD Copper inlet pipe stub which is silver brazed to a brass, one piece, (1 5/16") inlet body. The "inlet box" shall be designed specifically for positive pressure gas service and feature a primary and secondary check valve. Each check valve shall be rated at 1,379 kPa (200psi).

The "Latch Plate" shall insert into the universal "Inlet Box". The "Latch Plate" is comprised of the outer cover plate and latching mechanism that will define the adapter type/Brand that will ultimately

connect the patient to the oxygen system. The outlet cover shall be color coded GREEN in addition to having a clear permanent legend that identifies the gas type. Dual gas specific safety pins shall be integrated in the face of the outlet "Latch Plate" for safety.

Outlet adapter types shall be easily changed by simply removing the "Latch plate" specifically designed for brand "A" to brand "B" without any further plumbing changes.

As with all medical gas outlets specified herein, all outlets shall be hydrostatically tested and cleaned for oxygen service. All medical gas outlets specified herein shall be UL (Underwriters Laboratory) listed and CSA approved. All outlets will be subject to a line pressure of 50 P.S.I. And shall be leak tested at 150 P.S.I. Per Federal specification KKK-A-1822. Pressure drop across the outlet shall be less than 2.0 P.S.I., at normal working pressure.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.4 ELECTRIC O2 CONTROL WITH DIGITAL MONITOR:

Electric switched oxygen with digital read and low pressure warning.
Locate on the main attendant panel.

A manual emergency by-pass is to be located on the attend area wall below the attend panel.
Switch to be located in attendant control panel.
System is to include a main cylinder regulator.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.5 OXYGEN OUTLETS:

Amico Ohio style quick release, Four (4) outlets,
One (1) Standard outlet in action wall panel, Locate as the right attendant area outlet.
One (1) Ohio style, Flowmeter Integrated, 0-25 Liter. Locate as the left attendant area outlet.
One (1) Standard outlet on wall above squad bench @ head end.
One (1) Standard outlet on wall above Mount in ceiling over head end of cot.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.6 OXYGEN BOTTLE MOUNT:

MAIN CYLINDER RESTRAINT: A ZICO model QR-OTS-US Electric 02 Cylinder lift shell be provided and installed into the left front compartment. The system uses a QR-MV Multiversal bracket to accommodate the range of cylinders. System to comply with UL-1500 Standard for Ignition Protection, the unit is to have a maximum lifting capacity of 160 pounds. Includes 12 VDC with 14 amp circuit. Operating latch and motor located on the right side.

QR-OTS-R-US includes hand-held switch in place of the standard toggle switch. Mounting bracket provided shall be through bolted to the back wall. (2) heavy-duty pull style, web straps with quick spring loaded release shall be type tested to AMD Test 003 Oxygen Tank Retention system Test.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.7 SPARE D CYLINDER STORAGE BRACKTS:

Oxygen small bottle holder, Ferno #521, single bottle, wall mount, safety style

Note: Quantity: Two (2)

Locate: Ship loose

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

800.8 OXYGEN WRENCH:

A wrench designed to fit the main oxygen bottle will be provided.

Locate: Cable to wall by large bottle

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

900 – HARDWARE:

900.1 SEAT BELTS:

Seat belts shall be installed in the squad bench area for the seated position, and for backboard retention for a secondary patient. These belts shall meet all applicable testing requirements as set forth in the latest federal 'K' specs.

One (1) Six Point Restraint seat belt system will be installed at the bench head end seating position for the squad bench attendant.

One seat belt set shall be provided for the second bench attendant at the foot end seating position.

One (1) Three point seat belt set shall be provided for attendant seat.
One (1) seat belt set shall be provided for the CPR seat.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

900.2 I.V. HOLDER:

IV holders, Two (2) positions, Cast products Polished Aluminum, flush mount

Locate: Refer to the provided prints.

Locate: Refer to the provided prints.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

900.3 ANTI-MICROBIAL COATED PULL HANDLES:

CURB SIDE ENTRY DOOR GRAB HANDLES: An angled door handle shall be installed on the interior door panel of the curbside entry door. The handle shall be one-piece and shall be constructed of Stainless Steel. The handle shall feature smooth radius corners and flange mounts at each attachment point.

Because contamination occurs most often as a result of contact, this feature must be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating shall be effective against a broad range of microbes including bacteria, molds, algae and fungi.

REAR ENTRY DOOR GRAB HANDLES: Angled door handles shall be installed on the interior door panels of each rear access door. The handles shall be one-piece and shall be constructed of Stainless Steel. The handles shall feature smooth radius corners and flange mounts at each attachment point. Because contamination occurs most often as a result of contact, this feature must be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating shall be effective against a broad range of microbes including bacteria, molds, algae and fungi.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

900.4 ANTI-MICROBIAL COATED CEILING GRAB RAIL:

A grab rail shall be installed in the ceiling as noted below. This rail is to be constructed of stainless steel. Integral stanchions shall be welded into place at fixed points along the length of the rail for attachment to the ceiling. The rail shall attach through aluminum mounting plates that are welded to the module roof structure for strength and durability. Because contamination occurs most often as a result of contact, this feature must be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions.

This coating shall be effective against a broad range of microbes including bacteria, molds, algae and fungi.

Size: 72"

Locate: Above the right edge of the cot.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

900.5 BENCH RESTRAINT:

RESTRAINT NET: A detachable net shall be installed at the head of the squad bench. The net shall be a grid of 1 ½" wide safety web, spaced on maximum centers of 8 inches.

All Restraint Net attachment devices shall be aviation quality and pull strength tested. A 2,000 pound force applied in shear (Horizontally). Detachment of the net shall be done without the need for a removal or installation tool(s). Each device shall feature a cadmium plated steel attachment ring that is forged in one continuous ring, without a split or seam. Each device shall be sewn onto the net webbing with a 1 3/4 inch square shaped thread path and diagonal X-shaped thread path to assure web to ring security.

Four attachment points.

Two (2) at the floor at head of squad bench.

Two (2) at the ceiling at head of squad bench.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

900.6 DEFIBRILLATOR MOUNTING BRACKET:

Provide and install a swivel bracket for a Lifepack 12. Battery charger included.

LOCATE: Second Counter top to left of CPR

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

900.7 CAST PRODUCTS LICENSE PLATE BRACKET:

Cast products License plate holder with light, rear # CP 30002.

Locate: One (1) on LEFT side above the Tread bright area.

Note: Install the specified hidden power lock switch in the top of the fixture in lieu of one of the lights.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

900.8 SIGNAGE PLATES:

Mount (4) 4 1/2" x 12" black powder coated signage plates, (2) on the front , (2) on the rear.

Mount (2) 8"X 27" plates, one (1) on each side of module.

Mount (1) 8" x 36" Black painted Aluminum plate for a keep back sign. Centered on rear diamond plate riser

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

1000 -PATIENT HANDLING EQUIPMENT:

1000.1 COT FASTENER:

PRIMARY COT MOUNT: The main cot mount shall be a single position, Stryker model No 6370. The mounts shall be set as specified below:

COT FASTENER MOUNTING METHOD: All mounting bolts shall be 3/8" diameter, socket head cap screws with at least 16 threads per inch. All mounting blocks shall be supplied and manufactured by the cot mount manufacturer. The mounting blocks may protrude above the flooring surface by up to 3/16", as long as all of the edges are chamfered. The cap screws shall not protrude above the upper surface of the mounting block.

All cap screws shall be through bolted through 1/2 (.500) inch thick, 6061-T-6 Aluminum plate structure. All cot plate structure shall be continuously welded to the floor structure members. Bolt tapping is acceptable ONLY over blind areas, where through bolting would require removal of the rear fuel tank AND access has been blocked off by permanent, critical structure or components. Plate tapping shall not be done unless the plate is at least one (1") inch thick. Mounting bolts shall not point toward fuel filler or fuel vent hoses, in accordance with good engineering practices set forth by the Society of Automotive Engineers and Ford's Qualified Vehicle Modifiers' program.

Bidders shall meet or exceed mechanical strength described in the minimum fastening method. Material thickness and/or through bolt criteria is mandatory even if the vendor has current certification to A.M.D. Standard 004 utilizing lesser materials.

COT POSITION No 1: This cot position shall be set up for a Stryker MX PRO cot. Set approximately as close to the left side wall cabinet as practical. The longitudinal location shall be set 30 inches measured from the backrest of the attendant's seat (set all the way toward the front of the patient cabin) to the head of the primary cot frame, per current KKK-A-1822.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1000.1 COT SAFETY HOOK:

Install a Stryker Stryker Yellow safety hook w / 2" reflective tape on rear door sill.
Set up for a Stryker MX PRO.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1100 -PAINT, BODY AND GRAPHICS:

1100.1 PAINT AND STRIPING:

An acrylic urethane paint process is required on the module body. This process shall extend to the chassis if the vehicle converter must perform paint or body work to the chassis. The acrylic urethane process is required so that the highest possible gloss will be provided. Acrylic urethane possesses superior color and luster retention characteristics when compared to other types of paint. In addition, an acrylic urethane process provides a higher resistance to chemical sprays, salt sprays, humidity, and temperature changes. Lastly, this process, given the expected life of the vehicle and its heavy-duty cycle, will best resist chipping. The final paint application shall be free of material application imperfections such as orange peel, streaking, or a dull finish. The final application shall provide a high gloss on all body surfaces including the roof and excluding the underside.

1100.2 PREPARATION:

100% PAINT FILM COVERAGE: All stages of primer and paint shall cover all surfaces. Hinge mating surfaces on the doors and jambs shall be painted. Bare aluminum and primer only preparation is not acceptable under door hinges. Doors shall be painted without actuation handles installed and doors removed from body. Paint film thickness to be no less than 4.1 mil thickness.

PAINT SYSTEM TYPE: The paint shall be Poly-Urethane type.

MECHANICAL ADHESION PROMOTER: The entire module shall be degreased. Degreaser shall be applied to manufacturers' recommendations. Body to be inspected for flaws and imperfections and to assure built to order specifications. All surfaces shall be sanded with 150 grit paper and all imperfections repaired.

CHEMICAL ADHESION PROMOTER: The module shall be hot-water washed at (140 degrees or greater). Then the aluminum Body shall be treated with Alumiprep 33 acid etching followed by a complete body rinse. To ensure all surfaces are cleaned, this step shall be repeated a second time. The entire unit shall be wet coated with Alodine 5700 conversion coating and de-ionized water mixed.

PRIMER: Apply 3 coats of BTLV HI Solids Polyurethane. The unit is then baked at 140 degree metal temperature for one hour. Assure minimum at 3 mil thickness. Primer shall be sanded with 360 grit paper to assure flat, orange peel free surface.

TOP COAT (PAINT): Entire module shall be degreased. Degreaser shall be applied to manufactures recommendations. Two coats of BTLV High Solids color shall be applied.

CLEAR COAT: The clear coat shall be manufactured by the same company as the primer and base coat. Three coats of "clear coat polyurethane shall be applied per the manufacturers instructions.

3M POLISHING SYSTEM: Prior to 100% paint cure, the paint on the ambulance body shall be sanded to 1200 grit and polished flat per 3Ms Perfect-It product program for smooth finish.

PAINT WARRANTY: The conversion paint shall be warranted to the original owner for a period of 4 years, 48,000 miles. The color shift shall be no greater than Delta E of 4.0 with a minimum gloss retention of 60 gloss units at twenty-degree angle. Warranty to include a 36 month Corrosion coverage with no exclusions.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1100.3 CORROSION:

Anti-electrolysis procedures.

EXTERIOR FASTENERS: All screw sites require a replaceable nylon insert for the fastener to thread into. This will isolate the dissimilar metals. Additionally each hole shall be treated with an Electrolysis Corrosion Control compound prior to installation of the nylon inserts. All exterior screws shall be stainless steel.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1100.4 PAINT CONFIGURATION:

Custom paint:

Unit to be painted RED with WHITE Upper.

The unit will be painted and lettered to match units in the existing fleet. A completed unit will be made available to the successful bidder for paint and lettering reference.

Chassis Cab to be RED, from top of side windows over the roof to be WHITE.

Module Body to be RED, Top of module body from 12.5" below the rain gutters to be WHITE.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1100.5 REFLECTIVE BELTLINE STRIPE:

Arlon, White Reflective Stripe, Seven (7) year warranty

A 9" belt line stripe will be installed per the provided prints.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1100.5 UPPER BORDER STRIPE:

Install a 1-inch wide Gold Leaf Stripe below the upper white paint transition.
Stripe to be 1" wide with 1/8" Black Borders and clear laminate protection

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

1100.6 EMBLEMS:

All emblems shall be of durable weather resistant material.

Above section bid exactly as written: _____

Section not provided: _____

Bidder is offering an alternative to this section: _____

1200 GRAPHICS:

1200.1 LETTERING: *Sample set up.*

Note: Custom Lettering:
Lettering to be Gold Leaf with 1" machine turn.
Black Borders
Clear Laminated.

Cab Doors: "CLASS 1" 2"

Streetside: "HUNTINGTON BEACH" 8"
"FIRE" 8"
"EMERGENCY TRANSPORT" 4"

Curbside: "HUNTINGTON BEACH" 8"
"FIRE" 8"
"EMERGENCY TRANSPORT" 4"

Module Rear: "HUNTINGTON BEACH" 4"
"FIRE" 4"

Sign in White reflective material to read
"STAY BACK 300 FEET" "6.5"

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____

1200.2 DOOR LOGOS:

Install the customer supplied logos on to the front doors per the provided prints.

Above section bid exactly as written: _____
Section not provided: _____
Bidder is offering an alternative to this section: _____