CITY OF HORNELL
FIRE DEPARTMENT

SPECIFICATIONS FOR

2016
TYPE III AMBULANCE

May 18, 2016

BID OPENING:  JUNE 8, 2016
10:00 AM
HORNELL CITY HALL

CONTRACT # 02-16fire

BOARD OF PUBLIC SAFETY
CITY OF HORNELL
One (1)
00-01-0001

GENERAL CONDITIONS

PURCHASER: The “Purchaser” who is hereinafter described as an individual, or a group of individuals who represent the interest of a City, Borough, County, Parish, State, or Private enterprise AND has been charged with the responsibility of purchasing one or more emergency medical ambulance(s).

BIDDER: The “Bidder” is hereinafter defined as the ambulance manufacturer and/or its authorized Representative/Dealer.

BIDDER’S INSTRUCTIONS

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

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

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

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

PURCHASER’S INTENT

The intent of the specifications supplied herein is to purchase an ambulance with the highest level of quality and engineering excellence. The intent of this vehicle is centered on the patient’s need for pre-hospital care, in conjunction with a safe working environment for the Emergency Medical Personnel.
NO ALTERNATE BIDS TAKING TOTAL EXCEPTION

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

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

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

INTER-AGENCY AGREEMENTS (PIGGY-BACK)

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

VENDOR QUALIFICATIONS

Regardless of chassis purchased, all bidders shall be members in good standing of the Ford Motor Company Qualified Vehicle Modifier Program (Q.V.M.). Certification verification shall be provided with the bid response. If for any reason the Q.V.M. Certification was withdrawn or suspended by Ford Motor Company within the past five years, the bidder shall supply a full written explanation of the Q.V.M. withdrawal or suspension and any corrective actions taken to regain Q.V.M. Certification.

PRODUCT LIABILITY INSURANCE

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

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

CHASSIS POOL

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

PRODUCT TESTING

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

AMD STANDARD 001: STATIC LOAD TEST

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

KKK-A-1822F TESTING CERTIFICATION

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

QUALITY ASSURANCE - SPECIFICATION COMPLIANCE

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

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

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

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

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

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

DEBARMENT STATUS

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

DELIVERY STATEMENT

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

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

REQUIRED DELIVERY ITEMS

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


2. One (1) copy of conversion parts, service, and operational manuals.

3. OEM Chassis Owner's Guide materials as provided by the chassis manufacturer.

4. Two (2) copies of "as built" customized electrical schematics for the ambulance conversion.
PURCHASER'S RIGHTS

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

BID PROPOSAL TIME LIMITS: All bids submitted to the purchaser shall remain in effect for a minimum period of (60) sixty calendar days.

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

FORCE MAJEURE

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

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

Unforeseeable cause beyond the control and without the fault, of the ambulance manufacturer, or acts of God or of the public enemy, acts of the purchaser, acts of another contractor in the performance of a contract with the purchaser, fire, flood, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; and;

Any delays of subcontractors occasioned by any of the causes specified in the two immediately preceding clauses.

One (1) TYPE III - AMBULANCE - G-3500 68" INTERIOR HEIGHT

SPECIFICATION INTENT: Type III, 150-inch module, constructed with not less than 68-inches interior module height, an overall length of 260-inches, an overall width of 95-inches and an overall height not to exceed 102.50-inches.

One (1) CHASSIS - CHEVROLET G3500 CHASSIS, 139" WB, 4 x 2 DRW -DIESEL

2016 or newer Chevrolet Express Commercial Cutaway 139"WB C7N 4x2 DRW (80 C.A.)
EXTERIOR
- Paint, solid
- Body, standard
- Bumper, front chrome with step-pad
- Grille, Chrome with dual composite halogen headlamps
- License plate kit, front
- Daytime Running Lamps
- Flasher, heavy duty, light emitting diode (LED), formerly known as SEO (8H9)
- Glass, Solar-Ray light-tinted, all windows
- Wipers, front intermittent wet-arm with pulse washers
- Chrome Brush Guard

INTERIOR
- Seating arrangement, driver and front passenger highback bucket, adjustable
- Floor covering, Black rubberized-vinyl front
- Theft-deterrent system, vehicle, PASS-Key III
- Instrumentation, analog with speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature and oil pressure
- Driver Information Center, includes fuel range, average speed, oil life, fuel used, ice warning, engine hours, average fuel economy, tachometer, and maintenance reminders.
- Warning tones, headlamp on and key-in-ignition
- Oil life monitor
- Heater and defogger with front and side window defoggers
- Air conditioning, single-zone manual
- Defogger, side windows
- Cup holders, 3 on the engine console cover
- Power outlets, 2 auxiliary on engine console cover with covers, 12-volt
- Headliner, cloth, over driver and passenger
- Visors, driver and front passenger, padded
- Assist handle, front passenger
- Mirror, inside rearview manual day/night
- Lighting, interior with dome light and door handle-activated switches

MECHANICAL
- Engine, Duramax 6.6L Turbo Diesel V8 (260 HP [193.9 KW] @ 3100 RPM, 525 lb-ft of torque [708.7 N-M] @ 1600 RPM)
- Engine Block Heater
- Transmission, 6-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and internal transmission oil cooler
- Transmission oil cooler, external
- Brake/transmission shift interlock, for automatic transmissions
- Tow/haul mode selector, instrument panel-mounted
- Rear axle, 3.73 ratio
- Differential, heavy-duty locking rear
- Batteries, dual heavy-duty 770 cold-cranking amps, maintenance-free with rundown protection and retained accessory power
- Alternator, dual 145 amps each
- Frame, ladder-type
City of Hornell - Bid Specifications

- Suspension, front independent with coil springs and stabilizer bar
- Suspension, rear hypoid drive axle with multi-leaf springs
- Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug painted steel heavy duty
- Tires, LT225/75R16E all-season, blackwall
- Tire, spare LT225/75R16E all-season, blackwall
- Steering, power
- Brakes, 4-wheel anti lock, 4-wheel disc
- Fuel tank capacity, mid-frame and approximately 33 gallons (124.9L)
- Exhaust, aluminized stainless-steel muffler and tailpipe

SAFETY
- Air bags, frontal, driver and right-front passenger
- Air bag deactivation switch, frontal, passenger-side

WEIGHT RATINGS
Front Gross Axle Weight Rating: 4,600.00
Rear Gross Axle Weight Rating: 8,600.00
Gross Vehicle Weight Rating: 12,300.00

ADDITIONAL OPTIONS
- 5Q7 Black Sail Panel Delete, Upfitter option
- 8D8 Provision for Upfitter to install their own outside rearview mirrors
- 8R3 Tire valve stems, brass in lieu of standard
- AS5 Seats, front bucket with Custom Cloth Trim, head restraints and inboard armrests
- ATG Remote Keyless Entry
- AU3 Door locks, power
- BA3 Console, engine cover
- BNC Body, soft-mount donut and bolt
- ENC HVAC system, auxiliary provisions
- K08 Auxiliary heat generator, fuel-operated
- K34 Cruise control
- U05 Horn, dual-note high and low
- U1C Audio system, AM/FM stereo with CD player
- UF3 High idle switch
- V10 Cold climate package
- V4D Circuits, stop/turn signal
- YF2 Ambulance package
- ZQ2 Convenience package, power windows and door locks
- ZQ3 Convenience package, tilt-wheel and cruise control
- ZR7 Chrome appearance package
- 93G Medium Pewter, Custom Cloth seat trim
- RED Primary Color

2016 or newer DIESEL Engine

One (1)
20-00-0101

FUEL TANK - FULL UPON FACTORY RELEASE

Y___N___

The chassis fuel tank of the completed unit shall be full at time of release from the ambulance manufacturer's facility.
<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Count</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-10-0207</td>
<td>BATTERY - TWO SYSTEM - G SERIES CHASSIS</td>
<td>1</td>
<td>Y___N___</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>The vehicle shall have a two (2) battery, 12-volt system rated at 1540 cold cranking amps (CCA). One battery will be securely installed in a slide out drawer, located on the lower right front of the module. The second battery shall be installed under the chassis hood.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>One battery will be securely installed in a slide out drawer, located on the lower right front of the module. The second battery shall be installed under the chassis hood.</td>
</tr>
<tr>
<td>20-10-0603</td>
<td>ENGINE BLOCK HEATER - OEM PLUG</td>
<td>1</td>
<td>Y___N___</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>An engine block heater shall be included in the chassis with the 125 VAC power cord, located under the hood.</td>
</tr>
<tr>
<td>20-10-0701</td>
<td>EXHAUST MODIFICATION</td>
<td>1</td>
<td>Y___N___</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Modify exhaust system on G3500 / G4500 cutaway chassis to extend below and even with outer edge of module body.</td>
</tr>
<tr>
<td>20-20-0116</td>
<td>FLOOR CONSOLE - TWO (2) PIECE - ABS</td>
<td>1</td>
<td>Y___N___</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>A two (2) piece black vacuum formed ABS Master Control Console (MCC) shall be installed in the cab. The upper piece shall be installed over the dog house, it shall be angled and contain the Weldon Vista display as well as the siren with additional room to accommodate a radio. The lower piece shall be installed on the floor between the cab seats; it shall contain a recessed storage well for maps and reports, two (2) drink holders, and a flat surface which can accommodate additional sirens or radios.</td>
</tr>
<tr>
<td>20-20-0251</td>
<td>HEAT SHIELDS</td>
<td>1</td>
<td>Y___N___</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Protective heat shields shall be installed above the exhaust system as recommended by the chassis manufacturer.</td>
</tr>
<tr>
<td>20-30-0209</td>
<td>MIRRORS, VELVAC 2020 AUTOMATIC AND HEATED, LOWER CONVEX, BLACK</td>
<td>1</td>
<td>Y___N___</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Velvac black finish, #2020 deluxe mirror head with automatic adjustment and separate lower convex mirror shall be included with the chassis.</td>
</tr>
</tbody>
</table>
City of Hornell - Bid Specifications

One (1)
20-30-0802
RUNNING BOARDS WITH GRIP STRUT
Flared aluminum diamond plate running boards with a grip strut surface shall be provided on the cab. The running boards shall be wider toward the rear extending out to the corners of the module. The running boards shall be bright dip anodized after they are formed to retain finish and increase corrosion resistance.

One (1)
20-40-0206
WHEEL SIMULATORS, STAINLESS STEEL WITH VALVE STEM EXTENSIONS
Stainless steel full wheel simulators shall be provided for the front and the outside rear wheels. Air Max valve extensions shall be provided to properly inflate the inner dual rear tires.

One (1)
30-06-0003
ELECTRICAL SYSTEM - WELDON V-MUX, MICRO PROCESSOR BASED
A Weldon V-MUX 100% solid state microprocessor based multiplex system shall be installed to control the electrical functions. The system shall include load management, load shedding, power modulation, load sequencing capabilities and provide on-board diagnostics with real-time status reporting. The system shall consist of two (2) color control consoles (Vista), three (3) control nodes (Hercules), and a cab warning display with video input and monitoring capabilities.

The system must be a Weldon V-MUX. No exception.
Bidders who propose any other proprietary electrical system shall be considered as non-compliant.

Documentation required with bid submission
Bidder must supply with his/her bid proposal, a listing of not less than 500 ambulances produced with the Weldon v-mux system within the past 5 years. The documentation will include a production order number, the purchaser's agency name, and the date the ambulance was delivered.

Bids submitted without this documentation shall not be considered.

One (1)
30-06-0010
VISTA IV MCC - PUSH BUTTON (CAB)
A Weldon V-MUX Vista IV interface module / display screen shall be provided and installed in the cab. The Vista module shall be operated through the use of push buttons.

One (1)
30-06-0015
VISTA IV ACP - PUSH BUTTON (PATIENT COMPARTMENT)
A Weldon V-MUX Vista IV interface module / display screen shall be provided and installed in the patient compartment. The Vista module shall be operated through the use of push buttons.
City of Hornell - Bid Specifications

One (1) 30-06-0026

**WARNING DISPLAY - MULTIPLEX ELECTRICAL SYSTEM**

Y___N___

A digital warning display shall be integrated into the cab display console and programmed through the multiplex system to provide visual and audible indications for:

- Parking brake set condition
- Parking brake release condition
- Patient status alarm (four color with reset capability)
- Individual outside storage compartment "door open" warnings in vehicle outline form.
- Low voltage alarm
- Low oxygen pressure alarm

One (1) 30-06-0050

**DAYTIME RUNNING LAMPS - MULTIPLEX ELECTRICAL SYSTEM**

Y___N___

Headlights shall be activated at 30% intensity, for day time operation, when transmission is placed in drive, as a feature of the multiplex system. (If not standard on the chassis)

One (1) 30-06-0076

**MASTER CONTROL CONSOLE (MCC) - MULTIPLEX ELECTRICAL SYSTEM**

Y___N___

A floor mounted Master Control Console (MCC) shall be located in the cab. The console shall house the siren and the color microprocessor display screen, which will control all the Emergency Warning functions as well as also being able to control the Patient Compartment lighting and module heat/ac functions.

One (1) 30-06-0101

**ATTENDANT CONTROL PANEL (ACP) - MULTIPLEX ELECTRICAL**

Y___N___

The Attendant Control Panel (ACP) shall contain a color micro processor screen, which will control all equipment installed in the patient compartment.

One (1) 30-06-0126

**ELECTRICAL COMPARTMENT (PDQ) - MULTIPLEX ELECTRICAL SYSTEM**

Y___N___

The Power Distribution Quarters (PDQ) shall hold electrical components, (i.e. power distribution nodes, circuit breakers, etc). The electrical compartment shall be enclosed with a lockable, hinged door, located on the partition wall behind the attendant seat.

One (1) 30-06-0150

**SPARE CIRCUIT - MULTIPLEX ELECTRICAL SYSTEM**

Y___N___

One (1) spare 15 amp circuit shall be provided.
One (1)
30-06-0175
WIRING HARNESS CONNECTORS - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
All wiring harnesses shall be connected via quick connect circular plug connectors.

One (1)
30-06-0200
RADIO TIE-IN POINTS - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
Radio tie-in points shall be installed and labeled in the lower area of the electrical compartment. The radio tie-in points shall be comprised of insulated terminal stud blocks with one "battery hot" and one "ignition hot".

One (1)
30-06-0225
EMERGENCY MASTER SWITCH - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
A single emergency master switch shall be supplied for activating all the emergency warning lights and shall be provided on the master control console screen. The emergency master switch will activate the module power automatically. There shall also be an Emergency Master Menu button which shall allow access to individual warning light functions.

One (1)
30-06-0250
CONTROL PANEL SWITCHES - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
The switches on the master control console and attendant control panel screens shall have dimmable perimeter backlighting for easy identification.

One (1)
30-06-0275
MODULE POWER SWITCH - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
A module power switch for the electrical system shall be provided on both the master control console and the Attendant Control Panel screens.

One (1)
30-06-0285
MODULE DISCONNECT - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
An In-Power disconnect with a built-in adjustable timer shall be installed to keep the module power switch engaged for five minutes, after the ignition is switched to the "off" position. This disconnect can also be activated from the side and rear doorways to turn on the fluorescent check-out lights.

One (1)
30-06-0300
VOLTMETER - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
One (1) digital voltmeter shall be provided on the master control console screen.

One (1)
30-06-0325
FLASHER - MULTIPLEX ELECTRICAL SYSTEM
Y___N___
The flasher shall be provided within and programmed by the multiplex electrical system.
FLASHING HEADLIGHTS - MULTIPLEX ELECTRICAL SYSTEM

The headlights (high beams) shall be programmed through the multiplex system to alternate flash (wig-wag), activated by a switch on the master control console screen labeled "Flashing Headlights", with the ignition on and module power and emergency master switches enabled. The flashing headlights are to be disabled when the low or high beams are activated. They are also disabled when the transmission is placed in the neutral/park position. The flashing headlights shall have the capability to be reactivated with the "park override" switch in the "on" position if the low and high beams are off.

PARK OVERRIDE - MULTIPLEX ELECTRICAL SYSTEM

A park override switch, located on the master control console screen, shall reactivate all lights disabled when the transmission is placed in the neutral/park position.

LOAD MANAGER-SEQUENTIAL SWITCHING SYSTEM - MULTIPLEX ELECTRIC

The load manager-sequential switching system shall be controlled by the microprocessor based electrical system. The emergency master switch shall control the sequential switching of the emergency lights and/or other warning devices. The load manager shall automatically shed not-critical electrical loads during low voltage conditions to help prevent electrical system overload when the vehicle is stationary and the transmission is in the park position.

WARNING LIGHTS SWITCH - MULTIPLEX ELECTRICAL SYSTEM

All flashing module warning lights (including the primary front and rear light bar flashers) shall be operated from a single switch on the master control console screen, labeled "flashers".

FRONT CLEAR DISABLE SWITCH - MULTIPLEX ELECTRICAL SYSTEM

Activation of the switch on the master control console screen shall disable all forward facing clear warning lights.

CURBSIDE SCENE LIGHTS "ON" WITH CURBSIDE DOOR - MULTIPLEX ELECTRIC

The curbside scene lights shall be programmed to activate when the curbside door is in the open position.

REAR SCENE LIGHTS "ON" WITH REAR DOORS OPEN - MULTIPLEX ELECTRIC

The rear scene lights shall be programmed to activate when the rear doors are in the open position.
One (1)  
30-06-0525

DISABLE SWITCH FOR REAR SCENE LIGHTS - MULTIPLEX ELECTRICAL  
Y___N___

A disable switch shall be installed at the rear door area to disable the rear scene lights.

One (1)  
30-06-0550

DISABLE SWITCH FOR SIDE SCENE LIGHTS - MULTIPLEX ELECTRICAL  
Y___N___

A disable switch shall be installed at the curbside door area to disable the curbside scene lights.

One (1)  
30-06-0575

REVERSE (TRANSMISSION) FUNCTIONS - MULTIPLEX ELECTRICAL  
Y___N___

The system shall be programmed to provide activation for the rear outboard warning lights, the rear side warning lights, the rear scene lights, and the rear side scene lights, when the transmission selector lever is placed into "reverse" position.

One (1)  
30-10-0030

BACKUP ALARM  
Y___N___

An (OSHA approved) back up alarm shall be installed with disable switch for silent backing. The disable switch shall be located on the MCC (master control console). The back up alarm system shall automatically reset to the "on" mode when the transmission is taken out of reverse.

One (1)  
30-10-0050

BATTERY CONVERTER / CHARGER  
Y___N___

A Progressive Dynamics #PD9245C, 45 amp, 125 VAC to 13.6 VDC converter shall be connected to the shoreline inlet and be capable of maintaining the batteries when plugged in.

One (1)  
30-10-0110

ELECTRICAL CIRCUITS  
Y___N___

All electrical circuits shall have wiring and circuit protection suitable to the demand and must meet the national electric code (NEC) wiring requirements.

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

SGX insulated cable shall be used for all under hood / underbody battery and charging system cable. High temperature (375° f) thermoplastic loom shall be used on all harnesses.
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>One (1)</td>
<td>GROUND FAULT CIRCUIT INTERRUPTER (GFCI)</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0190</td>
<td>A 125 VAC, 20 AMP circuit breaker with ground fault circuit interrupter (GFCI) electronic ground leakage detection shall be installed in the load center for the shoreline circuit.</td>
<td></td>
</tr>
<tr>
<td>One (1)</td>
<td>LIGHT OSS COMPARTMENT - INCANDESCENT</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0415</td>
<td>Each outside storage compartment shall be equipped with one (1) clear 4” round Truck-Lite brand incandescent light, activated by a magnetic switch.</td>
<td></td>
</tr>
<tr>
<td>One (1)</td>
<td>LIGHTS, DOME HALOGEN (8) - MULTIPLEX ELECTRIC SYSTEM</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0474</td>
<td>Eight (8) dome lights, Weldon 8046-0303-80, shall be provided in the patient compartment. The dome lights shall be controlled by separate switches for the left bank and right bank of lights. There shall be five (5) lighting levels each side controlled through the pulse-width-modulated outputs of the microprocessor based electrical system. The dome lights shall be activated by switches on both the attendant control panel and the master control console. The dome lights shall be illuminated at 50% power whenever the patient compartment side or rear doors are opened.</td>
<td></td>
</tr>
<tr>
<td>One (1)</td>
<td>LIGHTS, FLUORESCENT (2) STREETSIDE - ANGLED</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0495 10</td>
<td>Two (2) 12 VDC powered fluorescent lights shall be mounted on the street side above the cabinets. These lights shall be individually switched, as well as being three way switched from the attendant control panel and the master control console.</td>
<td></td>
</tr>
<tr>
<td>One (1)</td>
<td>OUTLETS, 125VAC - TWO (2) INTERIOR DUPLEX</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0530</td>
<td>Two (2), 2-wire +plus ground 125 VAC hospital-grade duplex outlets shall be installed in the patient compartment with wiring connected to the shoreline. The two (2) outlets shall be installed in the street side cabinet action area, one (1) forward and one (1) rearward, to supply 125 VAC to the monitoring equipment. An indicator lamp shall be located within each 125 VAC outlet as a line monitor to indicate a live circuit. The outlets shall be labeled, &quot;125 VAC&quot;.</td>
<td></td>
</tr>
<tr>
<td>One (1)</td>
<td>OUTLETS, 12VDC - TWO (2) INTERIOR POWERPOINT</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0543</td>
<td>Two (2) 12 VDC power point outlets shall be installed in the patient compartment, one (1) in the front wall equipment area, and one (1) in the attendant control panel area in the street side cabinet. The outlets shall be labeled, &quot;12 VDC&quot;. A Schottky diode medical isolator shall be provided to protect the 12 VDC outlets.</td>
<td></td>
</tr>
<tr>
<td>Two (2)</td>
<td>RADIO ANTENNA BASE – TWO (2)</td>
<td>Y___N___</td>
</tr>
<tr>
<td>30-10-0650</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10172-0001 05/13/16
City of Hornell - Bid Specifications

One (1) antenna base, with attached coax cable shall be installed on the module roof. The coax cable shall terminate in the cab behind the driver seat. Access to the antenna base shall be through an adjacent interior module dome light.

RECEPTACLE SHORELINE INLET-SUPER 20 AMP, AUTO EJECT  
Y___N___

A Kussmaul super auto eject shoreline inlet receptacle with yellow cover shall be installed on the module exterior (forward street side) near the driver's door. The receptacle shall be equipped with an integral dynamic disconnect.

The 125 VAC, heavy duty 20-amp circuit breaker shall have GFCI protection and shall be connected to the lighted 125 VAC patient compartment outlet(s). A mating connector shall be shipped loose with the completed ambulance.

SIREN, WHELEN 295-HFSA7-REMOTE WITH MICROPHONE  
Y___N___

A Whelen 295-HFSA7 remote dual siren amplifier shall be flush-mounted in the master control console located in the cab. The siren shall be capable of hands-free operation and shall be equipped with a noise canceling microphone. Some features of this siren include:

DUAL 200 WATT, FLUSH MOUNT SIREN with REMOTE SIREN AMPLIFIER
• Six function siren plus radio repeat and public address.
• Operates two 100-watt speakers.
• Operates in dual (outputs 2 independent siren tones creating rich harmonic dual tone sound) or mono sound modes.
• External dip switch programmable siren tones.
• PTT (push to talk) switch on microphone overrides all siren functions.
• Removable unidirectional microphone with adjustable microphone volume & adjustable preset radio repeat volume.
• SI TEST®, silent diagnostic test.
• Quick disconnect plug for ease of service or replacement.
• 5 year HDP® (Heavy-Duty Professional) warranty.

12 Siren Tones
• Airhorn • Wail • Yelp • Piercer • Manual Coast to Stop
• Manual • Mechanical Coast to Stop • Hi/Low • Yelp 249
• Warble • Whoop • Mechanical Tone

SIREN SPEAKERS, CAST PRODUCTS - THROUGH THE BUMPER  
Y___N___

Two (2) Cast Products - 100-watt siren speakers, shall be installed through the front bumper.
## City of Hornell - Bid Specifications

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-10-0901</td>
<td><strong>SYSTEM ACTIVE AND CHECK OUT LIGHTS - 5 MINUTES</strong></td>
<td>N___</td>
</tr>
<tr>
<td></td>
<td>A switch shall be located at the curb and rear entry doors that will allow activation of the V-MUX electrical system. There shall also be a check out light switch located at the curb and rear doors that will allow activation of the left fluorescent lights prior to entering the module. The system shall be programmed to shut down automatically after 5 minutes unless the ignition is on. This shutdown delay shall be user adjustable.</td>
<td></td>
</tr>
<tr>
<td>30-25-0121</td>
<td><strong>LIGHTS, ICC / LED CLEARANCE - ON MODULE SIDE - TECNIQ</strong></td>
<td>N___</td>
</tr>
<tr>
<td></td>
<td>The vehicle shall have two (2) red Tecniq LED (S33-RR00-1) clearance / ICC lights: one (1) red on each side at the rear of the vehicle which will also function with the turn signals.</td>
<td></td>
</tr>
<tr>
<td>30-25-0122</td>
<td><strong>LIGHTS, ICC / LED CLEARANCE - ON MODULE FRONT - TECNIQ</strong></td>
<td>N___</td>
</tr>
<tr>
<td></td>
<td>The vehicle shall have five (5) amber Tecniq LED (S33-AA00-1) clearance / ICC lights on the front of the module near the roof line.</td>
<td></td>
</tr>
<tr>
<td>30-25-0123</td>
<td><strong>LIGHTS, ICC / LED CLEARANCE - ON MODULE REAR - TECNIQ</strong></td>
<td>N___</td>
</tr>
<tr>
<td></td>
<td>The vehicle shall have five (5) red Tecniq LED (S33-RR00-1) clearance / ICC lights on the rear of the module near the roof line.</td>
<td></td>
</tr>
<tr>
<td>30-25-3124</td>
<td><strong>LIGHTS, FRONT GRILLE - (2) WHELEN 700 SUPER LED - RED W/CLEAR LENS</strong></td>
<td>N___</td>
</tr>
<tr>
<td></td>
<td>Two (2) Whelen 700 series red super LED warning lights, with clear lenses and waterproof connectors shall be installed on the cross bar of the chassis grille. The lights shall operate from a switch on the master control console labeled &quot;Flashers&quot;.</td>
<td></td>
</tr>
<tr>
<td>30-25-4122</td>
<td><strong>LIGHTS, FRONT MODULE WARNING - WHELEN (7) 600 LED - CLEAR LENS</strong></td>
<td>N___</td>
</tr>
<tr>
<td></td>
<td>Seven (7) Whelen 600 series super LED warning lights with chrome bezels shall be installed on the module front. There shall be four (4) red with clear lens and three (3) clear lights. The lights shall operate from a switch on the master control console, labeled &quot;Flashers&quot;.</td>
<td></td>
</tr>
</tbody>
</table>
One (1) LIGHTS, REAR TAIL - WHELEN 600 LED STOP, TURN, HALOGEN BK-UP Y___N___

30-26-3002

- One (1) pair each of Whelen 600 series LED stop/tail lights, turn lights, and halogen back-up lights with chrome bezels shall be installed on the rear of the module. The stop lights shall be set to signal alert and flicker before turning steady-on. The turn signals shall be programmed to progressively sweep an arrow when the turn signals are activated.

One (1) LIGHTS, REAR WINDOW-LEVEL - WHELEN (2)900 LED - RED W/CLR LENS Y___N___

30-26-5011

- Two (2) Whelen 900 series red super LED warning lights with clear lenses and chrome bezels shall be installed on the rear of the module at window level, one (1) on each side. These lights shall operate from a switch on the master control console, labeled "Flashers".

One (1) LIGHTS, REAR MODULE WARNING-WHELEN (7) 600 LED & HALOGEN SCENES - RED CLR LENS Y___N___

30-26-6020

- Four (4) Whelen 600 red super LED warning lights, two (2) Whelen 600 series halogen scene/load lights, and one (1) Whelen 600 series amber super LED warning light shall be installed on the rear of the module. The lights shall have clear lens and chrome bezels and shall be operated from switches on the master control console labeled "Flashers" and "Rear Scene Lights".

One (1) LIGHT, LICENSE PLATE LED Y___N___

30-26-7002

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

One (1) LIGHTS, INTERSECTION FRONT - WHELEN 700 SUPER LED - RED W/CLR LENS Y___N___

30-27-1116

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

One (1) LIGHTS, SIDE MODULE SCENE - WHELEN 900 HALOGEN - CLEAR (4) Y___N___

30-27-2007

- Four (4) Whelen 900 series (gradient optics) halogen scene lights with chrome bezels shall be installed, two (2) each module side, inboard of the warning lights. These lights shall operate from switches on the master control console labeled "Left Scene Light" and "Right Scene Light".

10172-0001  05/13/16
City of Hornell - Bid Specifications

One (1) LIGHTS, SIDE MODULE WARNING - WHELEN 900 LED-RED W/CLR LENS
30-27-3006
Y___N___

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

One (1) LIGHTS, INTERSECTION REAR - WHELEN 700 SUPER LED - RED W/CLR LENS
30-27-4110
Y___N___

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

One (1) MODULE BODY CONSTRUCTION - SEAMLESS
39-00-0001
Y___N___

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

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

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

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

One (1) CONNECTIONS, CHASSIS TO MODULE
39-10-0004
Y___N___

The module shall be bolted to the cab with (28) 5/16" grade 5 stainless steel bolts and nylock nuts evenly spaced along the sides and roof of the cab. A weather proof seal shall be installed between the module and cab. The module body shall be securely fastened to the chassis frame rail with (12) 12 mm bolts through rubber insulating spacers installed at twelve (12) separate locations - (six each frame rail) - providing noise insulation and easy module removal for chassis replacement. The frame mounting bolts shall be properly torqued and secured with locktite. The system used for fastening the module to the chassis frame shall be approved by the chassis manufacturer.
City of Hornell - Bid Specifications

One (1)
40-00-0002
ALUMINUM PARTS - MODULE EXTERIOR

Y___N___

All unpainted exterior aluminum parts shall be bright dip anodized after fabrication to retain the finish and increase corrosion resistance.

One (1)
40-00-0010
CORROSION MINIMIZATION - MODULE

Y___N___

All module contact with dissimilar metals shall be minimized with the use of nylon screw-hole inserts to prevent fastener contact with the module body, nylon hinge strips, ceramic coated stainless steel hinge bolts, and ECK brand corrosion inhibitor spray.

One (1)
40-00-0019
DOOR SKINS, OUTSIDE STORAGE COMPARTMENTS - DIAMOND PLATE

INTERIOR SKINS

Y___N___

The interior door skins for all outside storage compartments shall be constructed of .063" thick aluminum diamond plate.

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

Y___N___

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

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

One (1)
40-00-0030
EXTERIOR COMPARTMENTS DESIGN

Y___N___

All exterior compartments shall include these features:

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

• Drip rails shall be installed above all exterior compartment doors.

One (1)
40-00-0051

EXTERIOR COMPARTMENTS, VENTING - ADDITIONAL

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

One (1)
40-00-0055

EXTERIOR COMPARTMENTS, VENTING - OXYGEN STORAGE

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

One (1)
40-00-0061

EXTERIOR COMPARTMENTS - SWEEP-OUT

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

All exterior compartment floors shall be constructed to be flush with the bottom door frame.

One (1)
40-00-0070

HANDLES, EBERHARD - CHROME FREE FLOATING TYPE

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

One (1)
40-00-0080

INSULATION - POLYURETHANE SPRAY FOAM

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

One (1)
40-00-0081

COATING, ACOUSTIC - AUDIOGUARD

The entire underside of the module shall be covered with Audioguard Acoustic material sprayed to the manufacturers recommended thickness.
One (1)  
40-00-0090

**THRESHOLD, STAINLESS STEEL- EXTERIOR STORAGE COMPARTMENT**  

Y___N___

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

One (1)  
40-01-0803

**OUTSIDE STORAGE #1 - STREETSIDE FORWARD - OXYGEN AND BACKBOARD STORAGE**  

Y___N___

#1 (forward street side compartment) shall have a 73.75" high x 16.00" wide clear door opening and interior dimensions of 75.00" high x 22.75" wide x 18.50" deep. This compartment shall provide storage for either an "M" or "H" oxygen cylinder. A spring-loaded, hinged acrylic door shall be provided to allow access from inside the patient compartment to the oxygen cylinder valve. A racket strap restraining device shall meet AMD standard 003, oxygen tank retention system requirements. A cylinder changing wrench shall be provided and secured inside the oxygen compartment. This compartment shall include one (1) eight inch deep fixed divider and adjustable strap to accommodate a scoop stretcher/backboard forward of the divider. The compartment door shall be held open by a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door. A none (9) square inch minimum vent shall be provided in the oxygen compartment to dissipate any leaking oxygen gas. The oxygen cylinder shall be provided by the purchaser.

One (1)  
40-01-0811

**OUTSIDE STORAGE #1A - STREETSIDE CENTER - NO SHELVES**  

Y___N___

#1A (street side center compartment) shall have a 37.50" high x 20.75" wide clear door opening with 42.50" high x 24.00" wide x 18.50" deep interior dimensions. The door shall be held opened with a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door.

One (1)  
40-02-0804

**OUTSIDE STORAGE #2 - STREETSIDE REAR -TWO (2) SHELVES**  

Y___N___

#2 (street side rear compartment) shall have a 57.75" high x 28.00" wide clear door opening with 59.50" high x 31.25" wide x 18.50" deep interior dimensions. This compartment shall provide inside/outside access. The compartment shall contain two (2) adjustable shelves; the lower shelf shall have a reduced depth. This compartment can accommodate a folding stair chair / stretcher mounted on the door with the installed two (2) J hooks and a strap or it can be used to provide spare tire storage. The door shall be held opened with a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door.

The lower 2/3 to be outside access only and the upper 1/3 to be inside/outside access. 

#3 & #5. Equip with two (2) adjustable shelves (upper shelf to be full depth, lower shelf to be reduced depth). Accommodate a Stryker 6252 folding stair chair on the door with hooks and strap. (Optional spare tire storage—not included on this order)
One (1)  
40-03-0803

OUTSIDE STORAGE #3 - CURBSIDE REAR - BACKBOARD/SCOOP, Y___N___

#3 (rear curbside compartment) shall have a 73.75" high x 15.00" wide clear opening with 75.00" high x 18.00" wide x 18.50" deep interior dimensions. The compartment shall provide vertical storage for a scoop stretcher, and backboards. The compartment door shall be held open with a spring loaded gas cylinder. A locking handle shall be installed on the exterior of the door. Provisions for backboard/scoop storage.

One (1)  
40-04-0800

OUTSIDE STORAGE #4 - CURBSIDE FORWARD Y___N___

#4 (forward curbside compartment) shall have a 39.00" high x 15.50" wide clear door opening. This compartment provides inside/outside storage, and shall have two (2) adjustable shelves. (Reference the lower front wall cabinet in patient compartment features section for interior dimensions). A locking handle shall be installed on the exterior of the door.

One (1)  
40-09-0010

BATTERY STORAGE COMPARTMENT WITH SLIDE OUT TRAY - CURBSIDE Y___N___

A compartment shall be located in the front curbside corner of the module with a heavy duty slide-out drawer. The compartment door shall be located above the front rub rail, and hinged on the forward edge. A locking handle shall be installed on the exterior of the door. All outside storage compartments shall be keyed the same.

One (1)  
40-10-0066

DOOR SLIDING - MODULE CURBSIDE PASSAGE Y___N___

The module body shall include a sliding side entry door to access the curbside of the patient compartment. The door shall slide out and towards the rear of the module body. The door design must meet FMVSS 206 for sliding doors and shall have been cycle tested in excess of 100,000 cycles. The door shall not extend out more than 5 1/4" from the module when in the open position and shall be flush in the closed position. The door shall operate on a total of nine (9) casters and three (3) tracks for ease of operation. The door shall be held closed with two (2) rotary latches and two (2) locking tabs. The door must have a system to prevent the door from self closing, when unit is parked on an incline. A measured force of ten (10) pounds maximum shall be required to release the door from the open to closed position. A chrome locking handle shall be installed on the exterior of the door. The door shall be lockable from the inside and outside and shall shut on molded air-core, automotive type door seals to prevent any water from leaking into the vehicle interior. A drip rail shall be installed above the door.

Documentation required:
The bidder must submit with this bid proposal a listing of not less than 200 ambulances produced with curbside sliding doors in the past four years. The listing is to include a production order number, the purchaser's agency name, and date the ambulance equipped with the curbside sliding door was delivered.

Failure to provide the required documentation shall be considered as non-responsive.
One (1) DOORS - REAR PASSAGE
40-10-0083

There shall be a 49.00" wide x 59" high rear door opening in the patient compartment. The doors shall be flush without a protruding flange or lip. The right rear passage door shall have a lockable, chrome exterior handle. The left rear door shall have a non-locking, chrome exterior handle. All handles shall be installed with a gasket to protect the paint. The hinge shall be full length stainless steel with a 3/16" stainless steel hinge pin and shall be two-way adjustable. Each rear door shall have a two point slam action automotive type rotary latching system to the body. The right rear door shall lock to the body at the top and bottom, not to the left rear door. The doors shall have .213" steel door latch activator rods with turn buckle adjusters. The doors shall be lockable from the inside and outside.

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

One (1) FENDERETTES - POLISHED ALUMINUM
40-10-0103

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

One (1) HOLD-OPEN - REAR DOORS - CPI GRABBERS
40-10-0120 10

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

One (1) LOCKS POWER - PASSAGE, COMPARTMENTS, HIDDEN SWITCH-FOB REMOTE
40-10-0189

Power door locks shall be included on module passage doors and five (5) outside storage compartments. The locks shall be activated from the interior of the rear door and the curbside doorway, as well as the OEM chassis cab door switches. An exterior unlock switch shall also be included and hidden in the cab grille area. A keyless entry system shall be installed. The system shall operate with the OEM key fobs to lock/unlock all chassis and module doors.

One (1) MUD FLAPS, REAR - BLACK RUBBER
40-10-0200

Black rubber mud flaps with a minimum 1/4" thickness shall be bolted to the underside of the module behind the rear wheels. The width and length of the flaps shall provide adequate coverage of the rear dual wheels of the chassis.
The rear bumper shall be affixed to the chassis frame. The bumper shall be constructed with a hinged center section of aluminum grip strut material. Two (2) steel braces shall secure the step to the chassis frame. The outer 17” on each end of the bumper shall be constructed from heavy gauge stamped polished stainless steel bumper parts and shall provide smooth rounded corners. The remainder of the step shall be constructed of .125” thick aluminum diamond plate. Two (2) rear LED step illumination lights shall be provided. All diamond plate surfaces shall be bright dip anodized. Rear step installation shall comply with AMD standard 018. A strip of black PVC shall be installed on the face of the step to protect the patient cots during loading.

Bright dip anodized polished aluminum rub rails shall be installed on the lower sides of the body below the outside compartment sill areas. The rub rails shall be offset 3/16” from the body to facilitate wash down of road debris the rub rails shall incorporate a recessed 5/8” wide black reflective Scotchlite safety accent stripe.

The curbside doorway step area shall be covered with a washable sprayed-on multi-use polychromatic coating.

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

A bright dip anodized aluminum diamond plate kick plate shall be installed at the rear exterior doorway, providing a kick / scuff plate at the rear of the vehicle above the rear step.

Module wall to be manufactured to allow installation of a 13” x33” non-openable (fixed window) post delivery.
WINNDS, PASSAGE DOOR - (CURB SLIDING, REAR FIXED)  Y___N___
The curbside passage door shall have a 16" x 23" openable (sliding) window with removable screen. Each rear passage door shall have a 19" x 18" non-openable window. The distance between the rear window glass shall not exceed 6" to assure maximum vision to the rear. The windows shall have a 69% dark tint and shall be secured with black oxide coated fasteners. No warning lights shall be blocked from view when the curbside or rear doors are open.

ROUNDED INTERIOR CORNERS  Y___N___
Interior vertical edges shall have rounded corners in the following locations: forward and aft edges of the CPR seat (if provided) and the action area, the wall at the aft end of the squad bench, the partition opening cabinet edges and the upper front wall cabinet.

CABINET CONSTRUCTION - INTERIOR - ALUMINUM  Y___N___
All interior cabinets shall be constructed of .090" thick welded aluminum. Wood products shall not be used in the construction of any interior cabinet. All cabinet exteriors, interiors, drawer fronts, drawer interiors, and aluminum doors shall be sealed with a washable sprayed-on multi-use polychromatic coating.

CABINET DOORS - CLEAR ACRYLIC  Y___N___
All sliding cabinet doors shall be nominally 1/4" thick light clear acrylic material. The sliding cabinet doors shall be installed in aluminum track lined with PPL inserts to eliminate rattles and prevent the doors from opening during transit. An edge mounted aluminum handle shall be installed on each sliding cabinet door. Clear

LATCHES CABINET - BLACK  Y___N___
All interior hinged cabinet doors and drawers shall be secured with black locking latches.

CABINETS/ WALLS - POLYCHROMATIC COATING - CAMILLE WHITE  Y___N___
All exposed side walls, the partition wall (on the patient compartment side only), the headliner, along with the cabinet and drawer fronts, aluminum doors, cabinet and drawer interiors shall be covered with a washable white sprayed-on multi-use polychromatic coating, to create a laminate-free interior.

Headliner, walls, cabinet faces, and cabinet interiors Zolatone color to be Camille White
<table>
<thead>
<tr>
<th>Item Description</th>
<th>Y/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>One (1) 50-10-0127 CLOSET - LEFT WALL, UPPER REAR #1</td>
<td>Y___N___</td>
</tr>
<tr>
<td>The left wall, upper rear interior cabinet (#1) shall have a door opening of 8.75” high x 44.00” wide with interior dimensions of 10.50” high x 45.50” wide x 16.25” deep. The cabinet shall be enclosed by one (1) set of sliding acrylic doors. The cabinet shall be equipped with one (1) adjustable shelf.</td>
<td></td>
</tr>
<tr>
<td>One (1) 50-10-0226 LEFT WALL - ATTENDANT CONTROL PANEL - HINGED PANEL</td>
<td>Y___N___</td>
</tr>
<tr>
<td>The color micro processor screen shall be installed on a hinged access panel and secured with two (2) latches. The panel will be located to the immediate right of the attendant’s seat.</td>
<td></td>
</tr>
<tr>
<td>One (1) 50-10-0331 CLOSET - LEFT WALL, UPPER OVER PANEL #2 - FIXED FRAME</td>
<td>Y___N___</td>
</tr>
<tr>
<td>The left wall, interior cabinet (#2) above the attendant control panel shall have a door opening of 5.75” high x 30.00” wide with interior dimensions of 8.50” high x 31.75” wide x 15.00” deep. The compartment shall be enclosed by one (1) set of sliding acrylic doors.</td>
<td></td>
</tr>
<tr>
<td>One (1) 50-10-0520 CLOSET - LEFT WALL, LOWER REAR #3 - INSIDE/OUTSIDE</td>
<td>Y___N___</td>
</tr>
<tr>
<td>The left wall, lower rear interior cabinet (#3) shall have a door opening of 16.50” high x 24.50” wide. (Reference the exterior outside storage compartment #2 in the module section for interior dimensions and shelving configurations). This cabinet provides inside/outside access into outside storage compartment #2 and shall have 3/8” thick, hinged acrylic doors. Each door shall have a full length hinge, a full length handle, and a locking lever latch.</td>
<td></td>
</tr>
<tr>
<td>One (1) 50-10-0526 DRAWER - LEFT WALL, LOWER UNDER REAR ACTION AREA #4</td>
<td>Y___N___</td>
</tr>
<tr>
<td>A slide-out drawer shall be provided in the street side wall below the rear action area. The drawer shall be constructed of .090” thick aluminum. The drawer interior dimensions shall be 7.00” high x 13.75” wide x 15.75” deep. The drawer shall be secured with one (1) locking lever latch.</td>
<td></td>
</tr>
<tr>
<td>One (1) 50-10-0617 PRIMARY ACTION AREA</td>
<td>Y___N___</td>
</tr>
<tr>
<td>The primary action area shall be located beside the attendant seat with work area dimensions of 36.00.” wide x 15.50” deep.</td>
<td></td>
</tr>
</tbody>
</table>
**City of Hornell - Bid Specifications**

**SECONDARY ACTION AREA**

The secondary action area shall be located to the rear of the CPR seat with work area dimensions of 16.75" high x 17.00" wide x 15.50" deep.

Install a second action area with recessed counter top, to the rear of the CPR seat, accommodated by streetside cabinet modifications, and the 150" special module length.

**COUNTER TOP - RECESSED ALUMINUM - POLYCHROMATIC SPRAY COATED**

The counter top shall be recessed 3/4" to prevent equipment from sliding off. All counter top work surfaces shall be finished with white multi-use poly-chromatic spray coating prior to being clear coated. Recessed counter top with Zolatone color to match cabinets.

**CABINETS - FRONT WALL, UPPER #1 & #2**

The front wall interior cabinet (#1 & #2) shall have a door opening of 10.25" high x 34.00" wide with interior dimensions of 13.25" high x 35.75" wide x 13.25 deep. The compartments shall be enclosed by one (1) set of sliding acrylic doors. There shall be a stationary divider in the center of the cabinet.

**CABINET - FRONT WALL, MID LEVEL #3**

The front wall mid-level cabinet (#3) shall have a door opening of 6.50" high x 22.00" wide with interior dimensions of 7.50" high x 22.00" wide x 14.25" deep. This cabinet shall be enclosed by a bottom hinged aluminum door secured with a locking lever latch.

The front wall lower cabinet (#3) shall be enclosed by a bottom hinged aluminum door secured with a locking lever latch.
One (1) CABINET - FRONT WALL, LOWER #4 & #5 - INSIDE/OUTSIDE ACCESS Y___N___

The front wall lower cabinet (#4) shall have a door opening of 17.75" high x 20.00" wide with interior dimensions of 19.25" high x 28.00" wide x 13.25" deep. This cabinet shall provide inside/outside access and shall have one (1) adjustable shelf on Unistrut adjustable track brackets. One (1) clear light mounted in a removable panel will provide illumination in this compartment. There shall be aluminum beveled ramp edging installed on two edges of each shelf. This compartment shall be enclosed by one (1) pair of 3/8" thick, hinged acrylic doors. Each door shall have a full length hinge, a full length handle, and a latch.

The front wall lower cabinet (#5) shall have a door opening of 17.75" high x 20.00" wide with interior dimensions of 19.25" high x 28.00" wide x 13.25" deep. This cabinet shall provide inside/outside access and shall have one (1) adjustable shelf on Unistrut adjustable track brackets. One (1) clear light mounted in a removable panel will provide illumination in this compartment. There shall be aluminum beveled ramp edging installed on two edges of each shelf. This compartment shall be enclosed by one (1) pair of 3/8" thick, hinged acrylic doors. Each door shall have a full length hinge, a full length handle, and a latch.

The lower front wall cabinet shall be split into 2 equal sized compartments. Enclosed with hinged acrylic doors (no etching), secured with two (2) locking lever latches per compartment. One (1) adjustable shelf per compartment.

One (1) PARTITION TO - CAB CLOSEOUT WITH SLIDING WINDOW Y___N___

A closeout with a sliding window shall be provided in the partition crawl through area. A bolt on closeout with a sliding window shall be provided in the partition crawl through area,

One (1) CABINET - RIGHT WALL, BEHIND SQUAD BENCH #1/2 Y___N___

The right wall cabinet #1 / #2 shall have a door opening of 10.00" high x 56.00" wide with interior dimensions of 11.75" high x 58.00" wide x 5.50" deep. This cabinet shall be enclosed by one (1) set of sliding acrylic doors. The compartment shall contain a center divider with one (1) adjustable shelf, each side. The squad bench back pads shall be built out flush with the cabinet face to provide additional comfort for occupants of the squad bench.

Install a shallow cabinet, over the squad bench, it shall contain a center divider with an adjustable shelf on each side. Build out the squad bench back pads to be flush with the face of the cabinet. There should be a minimum of 15" from the back pads to the edge of the bench cushion (extend the squad bench cushion if necessary). Pad designed to accommodate the dealer supplied/installed 13” x33” window.
City of Hornell - Bid Specifications

One (1)  
50-50-0056

**SQUAD BENCH STORAGE (COMPARTMENT #3)**  
Y___N___

A storage area shall be provided in the squad bench base (compartment #3). The interior dimensions of the storage area shall measure 15.50" high x 72.00" wide x 18.50" deep.

One (1)  
50-50-0102

**ATTN SEAT - EVS HiBAC, INTEGRAL CHILD, SWIVEL BASE**  
Y___N___

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

One (1)  
50-50-0300

**CPR SEAT - FIXED**  
Y___N___

A CPR seat shall be installed on the street side of the patient compartment aft of the main action area counter. The seat, backrest, and sides of the seat shall be covered with color coordinated, cushioned vinyl. The seat shall be equipped with a red automatic locking, retractable seat belt.

One (1)  
50-50-0502

**SQUAD BENCH - BASE & LID WITH SHARPS AND TRASH**  
Y___N___

The squad bench base shall be constructed of .090" thick aluminum for maximum storage capacity and minimum weight.

The face of the squad bench shall be covered with vinyl flooring material. The interior of the squad bench shall be sprayed with sound absorbing polyurethane material. Provisions shall be made for the sharps and trash containers to be installed in the squad bench base with access via a hinged clear acrylic door on top of the forward end of the squad bench. Automatic locking, retractable red seat belts shall be provided for three (3) people while seated on the squad bench or for one (1) person lying down.

The squad bench lid area shall measure 16" wide x 72" long. The padded cushion shall measure 15.25" wide x 61.75" long. The squad bench cushion shall be covered with color coordinated vinyl upholstery material and shall be one-piece, liftable on a full length continuous hinge. The squad bench cushion upholstery shall be sewn with seams only at the vertical corners to minimize entrapment of fluids. An automatic latching fastener shall be installed to secure the squad bench lid in the closed position.

One (1)  
50-50-0542

**HOLD OPENS - SQUAD BENCH LID - SPRING LOADED TYPE**  
Y___N___

Two (2) spring loaded type hold -opens shall be installed, one (1) each end of the squad bench lid.
One (1) ASPIRATOR / SUCTION - SSCOR - WITH ELECTRIC PUMP - RECESSED

An SSCOR suction system with a 12 VDC electric vacuum pump shall be recessed into the street side lower interior wall near the attendant's seat. The system shall be activated by a switch on the attendant control panel. The SSCOR vacuum pump exhaust shall be vented to the exterior of the vehicle.

A SSCOR suction system shall be recessed into the street side lower interior wall near the attendant's seat. Suction control on streetside wall next to O2 outlet. The 12 VDC SSCOR electric vacuum pump to be installed in OSS #1A (must use SSCOR pump and tubing)

One (1) ASSIST HANDLES, (6) BLACK RUBBER

A total of six (6) 10-7/8" black vulcanized rubber with steel core assist handles: one (1) handle on each rear door, one (1) on the curbside door, one (1) at the curbside doorway and two (2) at the rear doorway.

One (1) COT FASTENER – FERNO SINGLE - CENTER POSITION

A FERNO crash stable, single-position (center mount) cot fastener shall be installed on the module floor to accommodate a Stryker series cot. 3/8" thick aluminum tapping plates shall be installed below the aluminum floor to secure the cot floor mounting plates.

Install a Stryker single position center mount

One (1) EMBLEMS / SIGNS - REAR PATIENT COMPARTMENT

Two (2) "No Smoking / Oxygen Equipped / Fasten Seat Belts" signs shall be provided. One (1) sign shall be installed in the cab and one (1) above the oxygen outlets in the patient compartment street side cabinet.

One (1) EXHAUST VENTILATOR, 3-SPEED - MULTIPLEX ELECTRIC SYSTEM

A three-speed, 300 CFM (minimum) exhaust fan meeting KKK-A-1822F requirements shall be provided and located in the front wall cabinet in the patient compartment. The exhaust fan shall be pulse width modulated from a switch on the attendant control panel vista screen. The exhaust system shall have a louvered grille inside and a chrome vent outside. The exhaust system shall vent through the side of the vehicle, not through the roof.
FLOOR CONSTRUCTION- PATIENT COMPARTMENT, NON-WOOD COMPOSITE

The sub-floor in the patient compartment shall be constructed of .125" thick aluminum over .125" and .190" thick reinforcing hat sections and mounting laterals. The aluminum sub-floor shall be covered with a single piece of 3/4" non-wood composite material. All corner molding, edging and trim shall be anodized aluminum or stainless steel and shall be sealed to prevent fluids from seeping under the cabinets.

Wood floors are not satisfactory and shall not be accepted by the purchaser.

FLOORING - COVE

The patient compartment floor radius shall be coved with pre-formed floor coving material. The coving shall be installed behind the vinyl floor covering, along the street side wall.

GRAB RAIL, 1-1/4" DIAMETER, (96") OVER COT AREA

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

HEADLINER - REAR PATIENT COMPARTMENT

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

HEAT/AIR CONDITIONING, MANUAL/AUTO SELECT, 10-SPEED BLOWER

A high capacity 620 CFM heater/air conditioner system with 60,000 BTU heating capacity and 38,000 BTU cooling capacity and with a 10-speed blower controlled through, the pulse-width-modulated output of the microprocessor based electrical system, shall be provided for high volume air movement with minimal noise. The heater/air conditioner air return shall be filtered to minimize contamination of the heater/air conditioner cores. The cab and module environmental systems shall be simultaneously capable of heating in the front while cooling in the rear and vice-versa. A thermostatically controlled rear system shall be provided for heating and air conditioning the patient compartment. The temperature, whether heating or cooling, shall be controlled by a thermostat built into the attendant control panel screen, located in the street side cabinet and from the cab master control console screen. Heating and cooling may be selected automatically or manually. The heater/air conditioner system shall function only when the ignition system and the module power switch are on. The rear heater shall have EPDM/Nomex heater hoses. The rear air conditioner shall have barrier air conditioner hoses for R-134A refrigerant. Full module HVAC controls shall be located on both the rear ACP screen and the cab MCC screen.
<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>One (1) I V HANGERS - CEILING RECESSED - CAST PRODUCTS #IV2008-1 (2)</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td>Two (2) Cast Products #IV2008-1 recessed, dual, ceiling I.V. hangers shall be provided. One (1) installed near the street side above the cot area, and one (1) near the curbside above the squad bench area.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One (1) LONPLATE II, NON-SLIP EMBOSSED SM. GRID - MICA (GRAY) #421</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td>The floor in the patient compartment shall be covered with Lonseal &quot;Lonplate II&quot; non-slip; small grid (embossed) Mica (gray) #421, resilient sheet vinyl flooring material, which shall be coved 3-inches up the wall on the street side, and to the top of the squad bench base on the curbside. The flooring material shall be stripped and waxed before delivery.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One (1) NET, SQUAD BENCH - CURBSIDE INTERIOR (RED)</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td>A removable net shall be installed at the forward end of the curbside squad bench. The net shall be red in color and constructed of safety belt webbing material. The net shall be anchored to the curbside wall, ceiling, and the forward end of the squad bench into .50” thick aluminum tapping plates. The net shall be removable for cleaning, via the use of seatbelt type buckles.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One (1) OXYGEN OUTLETS (2) WALL/(1) CEILING - OHIO MEDICAL TYPE</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td>Three (3) Ohio Medical flush mounted, quick release wall outlets shall be installed. One (1) in the forward street side cabinet action area, one (1) shall be installed in the wall above the squad bench and one (1) shall be installed in the ceiling above the head end of the cot.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One (1) OXYGEN SYSTEM, MANUAL SYSTEM</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td>The manual O2 system shall have flexible conductive oxygen hose with a minimum of 900 lb. burst rating installed between the O2 storage compartment and the oxygen receptacle(s). The system shall be tested and tagged in conformance with NFPA-56-F and KKK-A-1822F.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One (1) PADDED EDGING PROTECTION</td>
<td>Y/N</td>
<td></td>
</tr>
<tr>
<td>Padded corner edging shall be installed where necessary on exposed corners and edges in the patient compartment for patient and attendant protection.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
One (1)  
50-60-0661  
Y___N___  
PADS, HEAD AND BACK  
Vinyl upholstered, foam cushioned head/back pads shall be installed as follows: the lower edge of the upper front wall cabinet (above the partition doorway or window), above the rear doors, above the side door, on the street side wall behind and each side of the CPR seat, and on the curbside wall behind the squad bench. The pads shall be covered with a flame retardant color coordinated vinyl upholstery material.

One (1)  
50-60-0700  
Y___N___  
SHARPS AND TRASH CONTAINERS - SQUAD BENCH END  
A 6.9 qt. #BD5489 sharps container, and an 8 qt. trash container shall be installed in the forward end of the squad bench base. The containers shall be access through the squad bench lid, and covered with a 3/8" thick clear acrylic hinged lid with a biohazard warning label.

One (1)  
50-60-0731  
Y___N___  
DOOR PANELS - MODULE PASSAGE DOORS - VINYL  
The inner door panels shall be covered with color coordinated padded vinyl upholstery material.

One (1)  
50-60-0740  
Y___N___  
STAINLESS STEEL PROTECTOR - PASSAGE DOORS - LOWER DOOR PANELS  
A brushed stainless steel panel shall be installed on the interior lower portion of each passage door. The top of the stainless steel shall be installed beneath the upper door panel.

One (1)  
50-60-0761  
Y___N___  
STAINLESS STEEL WALL PROTECTION - INTERIOR STREETSIDE  
A brushed stainless steel panel shall be provided on the street side wall from the bottom of the CPR seat cushion down to the flooring material to protect this area when the cot is taken in or out of the vehicle.

One (1)  
50-60-0820  
Y___N___  
TURTLE TILE - SKID-RESISTANT MAT, CURBSIDE STEPWELL  
Skid resistant charcoal gray turtle tile matting shall be installed in the curbside step well.

One (1)  
50-60-0882  
Y___N___  
UPHOLSTERY - RENAISSANCE  
All cushion, head pads, door panels, and seating surfaces shall be covered with Spradling International "Renaissance" expanded vinyl upholstery material. The renaissance vinyl and all foam cushion material shall comply with FMVSS #302 flame spread requirements.
City of Hornell - Bid Specifications

One (1) 60-01-0001

PPG PAINT PROCEDURE  
Y___N___

All non-anodized aluminum module body surfaces shall be completely chemically steam cleaned, filled with premium body filler as needed, sanded smooth and primed with F-3963 etching primer and then primed again with F-3980 high solid primer.

The cured primer surfacer shall be DA sanded with 320 grit and cleaned with DX-330. F-3980 high solid primer shall then be applied, where needed, as a sealer.

One (1) 60-01-0002

PAINT MODULE - OEM RED  
Y___N___

The module shall be painted with PPG Delfleet low voc polyurethane paint, to match the OEM chassis color, at a dry thickness of no less than 2 to 2.5 mils. Paint module OEM red to match the chassis

One (1) 60-01-0003

CLEAR COATING - MODULE PAINT  
Y___N___

The entire module shall be clear-coated, using a PPG process, sprayed over the final paint coat.

One (1) 60-01-0004

BUFFING, PAINT - MODULE  
Y___N___

The paint on the module sides shall be buffed to a high shine using a recommended paint buff system.

One (1) 60-30-0200

DOOR REFLECTIVITY  
Y___N___

Reflective material (25" x 2.5" red/silver chevron style) meeting FMVSS 108 requirements shall be installed on the lower interior stainless steel panel of each rear door and hinged side door.

If a sliding side door is provided, it shall have a 1.50" x 40.00" white reflective stripe installed on the rear facing edge.

One (1) 80-10-0101

KKK-A-1822F COMPLIANCE  
Y___N___

A KKK-A-1822F compliance sticker, electrical load analysis sticker, and payload sticker shall be installed in the oxygen compartment. Any deviations from KKK-A-1822F shall be listed in the vehicle delivery packet with a notation on the compliance sticker.
VEHICLE MANUALS (1) PACKAGE SET

One (1) Delivery Manual Package shall be supplied with the vehicle, and shall include the following items:

- Ambulance manufacturer parts, service and operation manuals
- OEM chassis owner's guide
- Complete 12 VDC and 125 VAC wiring schematics for all included standard and optional systems
- Multiplex Electrical system programming - electronic media

WARRANTIES

MANUFACTURER WARRANTIES: The ambulance manufacturer shall provide Warranty coverage as follows:

A. Structural Module Warranty - Limited Life Time
B. Ambulance Conversion Warranty - 2 Years/30,000 Miles
C. Electrical Warranty (Multiplex-based systems) - 7 Years/84,000 Miles
D. PPG Paint Warranty - This warranty covers the areas of the ambulance body finished with specified PPG products for a period of 7 years or 84,000 miles whichever occurs first, from the date the vehicle is delivered to the owner. The first four years or 48,000 miles are covered at 100% parts and labor. The fifth year or up to 60,000 miles is covered at 75% parts and labor, and the sixth and seventh years or up to 84,000 miles are covered at 50% parts and labor. Paint repairs must be pre-approved by PPG and performed by an authorized PPG facility.

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

ADDITIONAL OPTIONS

These items should be included in the cost of the proposal.
LETTERING AND GRAPHICS

The successful bidder will be required to apply graphics to match the customer’s A-26 Ambulance. The manufacturer shall provide a finished unit with the stripe, All graphics and lettering installed prior to delivery (this includes the chevron striping on the rear).

Y___N___

STRETCHER INCLUDED:

- ONE NEW FERNO POWERFlexx Power cot. (Includes Mattress, Restraints, Battery Pac and Charger) (pt 5600)
- WITH 1 EXTRA SPARE BATTERY
- ICS Integrated Charging System with installation into new remount (000600)
- FW513-13 IV Pole for 35p or 93p or Powercot. (513-13)
- Sof Net with Zipper Black. (6505)
- Head End O2 Bracket. (82211)
- POWERFlexx Telescoping Lifting Handle. (822140)
- New A-6 will be Delivered to HFD station

***** THIS PRICING WILL BE GOOD TO PURCHASE *****
*****WITHIN ONE (1) YEAR FROM THE BID OPENING *****