1.0 Scope, Purpose and Classification

1.1 Scope: This specification covers the remounting and refurbishment of 3 commercially produced, surface medical care vehicle, hereinafter referred to as ambulance or vehicle. A vehicle shall be in accordance with the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation, Washington, D.C. This bid specification is based on the Federal Specification KKK-A-1822E.

1.2 Purpose: The purpose of this document is to provide minimum specifications and test parameters for the remounting and refurbishment of 3 emergency medical care vehicles that meets the needs and desires of this agency. It establishes essential criteria for the design, performance, equipment and appearance of the vehicle. The object is to provide a vehicle in accordance with nationally recognized guidelines. It is the intent to return the unit to new or like new condition, per the specification.

1.3 Classifications: This specification calls for the following type of vehicle. It is in accordance with KKK-A-1822E.
   Type III – Ford E-450 Cutaway Chassis with Modular Ambulance Body
   Class 2 – Two rear wheel driven (4x2)
   Configuration A (ALS) – Elevating cot and squad bench (3.1.5.1)

1.4 General: This is an engineer, design, construct and deliver type specification and it is not the intention of this agency to write out vendors of similar or equal equipment of the types specified. It should be noted, however, that this specification is written around specific needs of this agency. With the intent to standardize certain components, therefore, in numerous places we have named specific brands of components. This has been done to establish a certain standard of quality. Other brands will only be accepted if the vendor provides documentation in the bid that the particular brand offered meets or exceeds the functionality and quality of the actual brand called for in the specification.

1.5 Materials: The emergency medical care vehicle, chassis, ambulance body, equipment, devices, medical accessories and electronic equipment to be delivered under this contract shall be standard commercial products, which meet or exceed the requirements of this specification. The ambulance shall comply with all Federal Motor Vehicle Safety Standards (FMVSS), the Federal regulations applicable or specified for the year of manufacture. The chassis, components and optional items shall be represented in the manufacturer’s current technical data. Materials used in the construction shall be new and not less than the quality conforming to current engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended.

1.6 Manufacturing Ability: It is the intent of these specifications that the Remounter of this vehicle(s) shall have the ability to remount and refurbish a complete ambulance within their plant facility, except for the chassis manufacturing. The Ambulance Remounter must have
significant experience in the remounting and refurbishment of modular ambulance bodies and performing a minimum of 50 remounts in the last two years. In addition, the Bidder/Manufacturer must include with this bid response, proof of $4,000,000.00 product liability coverage. NO EXCEPTIONS.

This agency is extremely concerned with awarding to the most qualified bidder. There are no exceptions allowed to this section. If you cannot, or choose not to, comply with this section, please do not go any further. You will not qualify to bid.

1.7 Exceptions and Specifications: Any exceptions to these specifications indicated must be clearly pointed out. Otherwise, it will be considered that items offered are in strict compliance with these specifications and the successful bidder will be held responsible for delivering a vehicle meeting these specifications. Any exceptions must reference by Paragraph Number and Line and be explained in detail on a separate sheet marked “Exceptions”. Any bidder not complying shall not be considered as responsive.

1.8 Prices and Payments: All bid prices shall be complete and include warranty and delivery of the completed vehicle to this agency.

Payment shall be made in accordance with these specifications and the Bid Proposal submitted by the Bidder. Payment will be made upon acceptance of the vehicle(s) and equipment specified under these specifications.

All bid prices and conditions must be specified on the Bid Proposal Form. Bid prices shall be valid for at least 90 days from the date of the Bid Opening, or as otherwise specified on the Bid Proposal form.

Full payment will be made as each unit is received, inspected and found to comply with procurement specifications, free of damage and properly invoiced.

Successful vendor shall, at delivery, supply Harnett County EMS with Ford Manufacturer’s Statement of Origin.

Does your bid comply Exactly as written? Yes ______  No ______

1.9 Warranty: The successful bidder shall provide remounter’s warranty coverage for the ambulance or rescue vehicle conversion, which, at a minimum shall include:

(A) A Limited Warranty shall be provided on the ambulance remount conversion. The remounter shall warrant to the original retail purchaser, that, for a period of twenty four (24) months or fifty thousand (50,000) miles from the point of delivery, whichever occurs first, the ambulance remount shall be free of substantial defects in remount materials and remount workmanship, which are attributable to Warrantor remount work and which arise during the course of normal use and service. There shall be a copy of the Warranty statement included with the bid documents. NO EXCEPTIONS.
Harnett County EMS Remount Specifications

Does your bid comply Exactly as written?  Yes ______  No ______

(B) There shall be a five-(5) year/100,000 mile warranty on the entire Ambulance Remount electrical wiring system effective the date this agency accepts delivery of the completed vehicle. There shall be a copy of the Warranty statement included as part of the bid documents. NO EXCEPTIONS.

Does your bid comply Exactly as written?  Yes ______  No ______

(C) There shall be a five (5) year unlimited mileage paint warranty covering the ambulance conversion and any painting done on the chassis. There shall be a copy of the Warranty statement included as part of the bid documents. NO EXCEPTIONS.

Does your bid comply Exactly as written?  Yes ______  No ______

(D) Warranty on the chassis portion of the completed ambulance or rescue vehicle shall be the responsibility of the chassis manufacturer, Ford Motor Company. The terms of such warranty are set forth in the Ford Warranty Literature included in the owner’s manual. The successful manufacturer’s sole responsibility with regard to the chassis shall be to provide reasonable assistance to the purchaser in obtaining warranty service for the chassis manufacturer or its authorized service center. Bidders failing to meet these requirements shall be considered non-responsive.

Does your bid comply Exactly as written?  Yes ______  No ______

(E) The successful bidder MUST honor the structural warranty and integrity of the modular body for the remainder of the original manufacturer’s warranty. There shall be a copy of the Warranty statement included with the bid documents. NO EXCEPTIONS.

Does your bid comply Exactly as written?  Yes ______  No ______

1.10 Anti-Collusion Statement: By executing and submitting this bid, the Bidder certifies that his Bid is made without reference to any other bid and without any agreement, understanding, collusion or combination with any other person in reference to such bidding.

1.11 Service and Warranty Repair: Successful vendor must have a comprehensive ambulance service and repair facility to administer warranty repair as needed. Vendor must have authorized factory trained service specialists and carry necessary inventory levels to affect prompt repair. Vendor shall have mobile service capabilities and provide them at no additional cost. NO EXCEPTIONS.

1.12 Ambulance Bids and Alternate Bids: Considerable time and effort has been invested to design these specifications to the specific needs of Harnett County EMS, therefore, alternate bids not exactly to spec will not be considered.
1.13 Warranty Surety: To ensure quality, service and full compliance to the above warranties the vehicle, with the exception of the chassis must be constructed by the ambulance remounter. Additional elements constructed and installed “in-house” are required to ensure service and parts availability. Subcontractors or lease/rental agreements to outside agencies will fail to meet this requirement. NO EXCEPTIONS WILL BE ALLOWED.

Does the ambulance remounter, as the prime contractor, perform all aluminum body repairs to the modular body?

Yes______ No______

• Does the ambulance remounter as the prime contractor apply paint?

Yes______ No______

• Are all interior cabinet modifications performed by the ambulance remounter as the prime contractor?

Yes______ No______

• Are all wiring harnesses, circuit boards, and oxygen systems assembled, installed and tested by the ambulance remounter as the prime contractor?

Yes______ No______

• Is the upholstery for seat cushions, head pads, and backrests assembled and installed by the ambulance remounter as the prime contractor?

Yes______ No______

1.14 Delivery: Since delivery proposals by the bidder will weigh heavily in the determination of the bid award, the delivery schedules that are submitted by the bidders shall automatically become binding upon the successful bidder. Delivery delays due to component problems or chassis delivery problems to the manufacturer shall not penalize the remounter. Deliver must be within sixty (60) days from the award of the bid and the receipt of the chassis. Delivery mileage in excess of 325 miles shall be by common carrier or rail. ABSOLUTELY NO EXCEPTIONS WILL BE ALLOWED TO THIS SECTION.

Does your bid comply Exactly as written?  Yes ______  No ______

1.15 Anti-Collusion Statement:
By signing this bid, the bidder agrees that his bid is made without any understanding, agreement, or connection with any other person, firm, or corporation making a bid for the same purpose and that his bid is in all respects fair and without collusion or fraud.

COMPANY NAME: ______________________________
BIDDER SIGNATURE: ____________________________
DATE: ________________________________________

Bidders must list below their service facility and parts department profile to the purchaser.

FACILITY NAME: __________________________________
ADDRESS: ____________________________
_____________________________________
PHONE NUMBER: ____________________________
CONTACT NAME: _____________________________
APPROX. MILES FROM PURCHASER: ___________
YEARS OF EXPERIENCE IN AMBULANCE REPAIR BUSINESS: ___________
SQUARE FEET OF FACILITY: _______________________
# OF SERVICE BAYS: ___________________________
# OF EMPLOYEES: _____________________________
# OF FULL TIME AMBULANCE TECHNICIANS: ______
ARE TECHNICIANS FACTORY TRAINED: ________
TOTAL YEARS OF SHOP REPAIR EXPERIENCE: ______
VALUE OF SERVICE AND PARTS INVENTORY: _____________
24-HR TURN AROUND TIME ON WARR AND SVC: _____________
# OF LIFT AREAS FOR SERVICE: ________________
CAN SERVICE FACILITY PERFORM REMOUNTS? ______
CAN SERVICE FACILITY PERFORM ALUMINUM MODULE REPAIR? ______
IS FACILITY AN AUTHORIZED SIKKENS FLEET PAINT CENTER? ______
CAN FACILITY DO SCOTCHLITE AND LETTERING? ________________

Does your bid comply Exactly as written?  Yes _____  No _____

1.16  Documentation of Remount Facilities: This agency is very concerned with making bid award to the most qualified remounter. In order to aid our decision, each bidder shall submit with their bid the following documentation:
Harnett County EMS Remount Specifications


2. A current copy of their state issued Motor Vehicle Dealers License

There are no exceptions allowed to this requirement. If requested documentation cannot be submitted with this bid, please do not go any further. You will not qualify to bid.

1.17 Inspection Trips:

a. There shall be a pre-build conference prior to start of work.

b. There shall be a mid-construction conference.

c. There shall be a final-construction visit prior to completion and final delivery of the finished vehicle.

**Does your bid comply Exactly as written?** Yes ______ No ______

1.18 Harnett County EMS requires that the ambulance remounter provide “in-house” repairs for structural repairs from any outside accident, as well as warranty items that may arise as the result of the remount work.

**Does your bid comply Exactly as written?** Yes ______ No ______

2.0 TECHNICAL REQUIREMENTS – CHASSIS

Listed below are minimum technical specifications for the removal of Harnett County EMS’ Type III Ambulance Module and subsequent remount to a 2013 Ford E-450 4x2 Cutaway Chassis. Vehicle must comply with Federal and State laws and regulations and all safety regulations as applicable on date of delivery concerning automotive equipment and conditions and will be complete with standard equipment and all extra equipment as specified.

2.1 Manufacturer and Model Year: The chassis requirement for this specification is a 2013 Ford.

**Does your bid comply Exactly as written?** Yes ______ No ______

2.2 Model Type: This model type required is a Ford E-450 4x2 DRW Cutaway Chassis.

**Does your bid comply Exactly as written?** Yes ______ No ______

2.3 Trim Level: Trim level shall be the XL Equipment Package.

**Does your bid comply Exactly as written?** Yes ______ No ______
2.4 **Ambulance Prep Package:** The chassis shall be equipped with the ambulance builder’s prep package, YF2 light and convenience group and handling package.

Does your bid comply Exactly as written?  Yes _____  No _____

2.5 **GVWR:** The gross vehicle weight rating shall be 14,050 pounds.

Does your bid comply Exactly as written?  Yes _____  No _____

2.6 **Axles:** The chassis provided shall be a 158” wheelbase.

Does your bid comply Exactly as written?  Yes _____  No _____

2.7 **Electrical:** The vehicle shall be equipped with dual 12 volt batteries.

Does your bid comply Exactly as written?  Yes _____  No _____

2.8 **Electrical Generating System:** The ambulance shall be equipped with an OEM dual alternators with internal voltage regulators which produce a total of 290 amps.

Does your bid comply Exactly as written?  Yes _____  No _____

2.9 **Engine:** Engine size shall be a V-10 Gasoline Engine.

Does your bid comply Exactly as written?  Yes _____  No _____

2.10 **Engine Block Heater:** The chassis shall have an OEM engine block heater. This heater shall be wired to the 125 volt shoreline input on the modular body. There shall be an in-line switch provided behind the driver’s seat to provide turn off capability for the block heater during hot weather. This switch shall be clearly labeled.

Does your bid comply Exactly as written?  Yes _____  No _____

2.11 **Engine High-Idle Speed Control, Automatic:** The vehicle shall be equipped with an OEM high idle system. The system shall be activated through the cruise control switches.

Does your bid comply Exactly as written?  Yes _____  No _____

2.12 **Fuel Tank:** The vehicle shall be equipped with a single fuel tank ahead of the rear with a capacity of at least 55 gallons.

Does your bid comply Exactly as written?  Yes _____  No _____
2.13 **Tires and Rims:** The vehicle shall be equipped with (7) 225/75R 16 series radial black sidewall tires. The OEM manufacturer’s standard steel vented rims will be provided. The four exposed wheels shall be covered with full wheel covers to protect the wheel and provide an easy to clean exterior surface. Spare tire, wheel and tire changing tools will also be provide and shipped loose.

**Does your bid comply Exactly as written?**  Yes ______ No ______

2.14 **Transmission:** The vehicle shall be supplied with a 6-speed automatic with heavy duty transmission oil cooler.

**Does your bid comply Exactly as written?**  Yes ______ No ______

2.15 **Air Conditioning and Heater:** The vehicle shall be equipped with factory air conditioning with heavy-duty cooling package and heavy-duty radiator. The heater shall be the manufacturer’s standard with cut off valves accessible.

**Does your bid comply Exactly as written?**  Yes ______ No ______

2.16 **Glass:** The chassis shall be equipped with the chassis manufacturer’s standard tinted glass supplied as part of the Air Conditioning Cooling Package. The glass provided shall meet all the requirements of KKK-A-1822E and those of the Federal Motor Vehicle Safety Standards.

**Does your bid comply Exactly as written?**  Yes ______ No ______

2.17 **Horns:** The OEM manufacturer’s dual electric horns shall be provided as follow:

- **AIR HORN SYSTEM:** BUELL – F1
  - Air Horns ACTIVATION: Switch in Console near driver.
  - Air Tank Mounted to Frame Rail
  - Emergency Master Hot
  - Compressor: Buell No 5440, 20% Oilless Intermittent Duty
  - Compressor Location: M1.5 Compartment
  - Air Horn Location: Thru Front bumper on custom bracket
  - Left Air Horn: 10” Strombos Horn, Chrome, No 1061 (493Hz)
  - Right Air Horn: 10” Strombos Horn, Chrome, No 1061 (493 Hz)

**Does your bid comply Exactly as written?**  Yes ______ No ______

2.18 **Mirrors:** The vehicle’s exterior, power glass, manual telescopic.
Harnett County EMS Remount Specifications

Does your bid comply Exactly as written? Yes _____ No _____

2.19 Radio: The chassis manufacturer’s standard AM/FM/CD shall be included with a built in clock.

Does your bid comply Exactly as written? Yes _____ No _____

2.20 Seats: The chassis shall be equipped with OEM Dual Cloth Captain’s Chairs with lap and shoulder belts.

Does your bid comply Exactly as written? Yes _____ No _____

2.21 Speed Control and Tilt Steering: Both Cruise Control and Tilt Steering shall be supplied OEM on the chassis. Aftermarket components will not be accepted.

Does your bid comply Exactly as written? Yes _____ No _____

2.22 Trim Package: The chassis shall include power door locks with remote keyless entry, power windows, interval select windshield wipers and chrome front bumpers with composite headlamps.

Does your bid comply Exactly as written? Yes _____ No _____

2.23 Running Boards: Install new diamond plate w/ grip strut running boards with integral front mud flap.

Does your bid comply Exactly as written? Yes _____ No _____

2.24 Wheel Simulators: Install Phoenix stainless steel wheel covers with valve extenders both front and rear.

Does your bid comply Exactly as written? Yes _____ No _____

2.25 Rear Mud Flaps: Behind the rear dual wheels shall be a pair of rubber mud flaps.

Does your bid comply Exactly as written? Yes _____ No _____

2.26 Handling Package: New chassis shall have both front and rear stabilizer bars, heavy duty springs and heavy duty shocks.

Does your bid comply Exactly as written? Yes _____ No _____
3.0 REMOVAL AND TRANSFER OF MODULAR AMBULANCE BODY

3.1 Dismount: Disconnect all subsystems between chassis and modular body. Unbolt cab from body and lift module from chassis after mounting bolts for pucks are removed. Fully inspect body understructure.

Does your bid comply Exactly as written?  Yes _____  No _____

3.2 Module Inspection: Inspect all exposed structure and framing for cracks, warpage, excessive wear and corrosion. Every weld and support area shall be treated with dye penetrant material to expose cracks. Professionally repair by replacing or re-welding structural members as needed. All mounting plates and structural tubing shall be evaluated and professionally repaired or replaced as necessary.

Does your bid comply Exactly as written?  Yes _____  No _____

3.3 Module Repair: Repair or replace any damaged aluminum exterior skin and doors as necessary.

Does your bid comply Exactly as written?  Yes _____  No _____

3.4 Type Changeover: Transfer Module from a Cutaway Chassis Type III to a Cutaway Chassis Type III. Prior to squaring and attaching the cab rear cutout to the front of the modular body, gasket must be attached with a bonding agent to the rear of the cutaway chassis opening to seal the gap between the cab and body with a watertight seal.

Does your bid comply Exactly as written?  Yes _____  No _____

3.5 Module Remount: Mount down modular body squarely on new chassis. Remounter to new Rubber Isolators, new grade 8 mounting bolts to upper section of frame flange where holes are located. Secure the modular body to the new chassis using QVM guideline.

Does your bid comply Exactly as written?  Yes _____  No _____

4.0 NEW CHASSIS PREPARATION

4.1 Springs: As necessary, level each side of the modular body to insure proper handling and performance.

Does your bid comply Exactly as written?  Yes _____  No _____

4.2 Exhaust Modification: Extend the tailpipe to match the edge of the module per QVM.

Does your bid comply Exactly as written?  Yes _____  No _____
Harnett County EMS Remount Specifications

4.3 **Fuel Tank:** Modify the end of the fuel tank filler neck to fit the module. Install new fuel filler hose and plumbing as needed. Label above the fuel fill “GASOLINE ONLY”.

Does your bid comply Exactly as written?  Yes _____  No _____

5.0 **EXTERIOR BODY TRIM**

5.1 **Fuel Filler:** Provide a new Cast Products fuel fill housing.

Does your bid comply Exactly as written?  Yes _____  No _____

5.2 **Diamond Plate:** Install all new diamond plate complete on the modular body. This is to include but not limited to rubrails, stone guards. Install new polished aluminum drip rails, glued in place without screws over all patient entry doors and exterior compartment doors.

Does your bid comply Exactly as written?  Yes _____  No _____

5.3 **New Rear Bumper:** HD aluminum framed with diamond plate pontoon center step 2”x7” grip strut, flip-up.

5.4 **Fenderettes:** Provide and install stainless steel fenderettes.

Does your bid comply Exactly as written?  Yes _____  No _____

6.0 **MODULAR EXTERIOR PAINT FINISH AND LETTERING**

6.1 **Preparation:** Prior to and paint and bodywork remove all exterior compartment and entry doors, all hardware, hinges, handles and emergency lighting. NO EXCEPTION TO THIS REQUIREMENT. EACH DOOR SHALL BE PAINTED SEPARATELY SO AREAS BEHIND THE STAINLESS STEEL HINGES CAN BE PAINTED. NO EXCEPTION.

Does your bid comply Exactly as written?  Yes _____  No _____

6.2 **Surface Refinished:** In order to provide the highest quality paint surface preparation, and to evaluate the module for evidence of electrolysis, complete and total mechanical removal of all paint, oils, and contaminants from module surface utilizing a dry stripping system is required. Mechanical removal shall be accomplished ONLY by the use of a glass of plastic media bead blasting system at approximately 50psi. Hand sanding is not acceptable. Sand blasting in not acceptable and may damage the module.

THERE ARE ABSOLUTELY NO EXCEPTIONS OF ANY KIND ALLOWED TO THIS SECTION. IF YOU CANNOT COMPLY WITH THIS REQUIREMENT PLEASE DO NOT GO ANY FURTHER. YOU WILL NOT QUALIFY TO BID.
Harnett County EMS Remount Specifications

6.3 Electrolysis Inspection: Module will be inspected 100% for evidence of electrolysis. Such areas will be specially treated to prevent any further damage and remove visible damage. NO EXCEPTION.

6.4 Damage Repair: All minor body damage will be repaired in an industry standard professional manner to line new condition. NO EXCEPTIONS.

6.5 Paint Process: The modular body shall be repainted in Sikkens Paint Process. NO EXCEPTIONS.

6.7 Stripe Package: Graphics to be provided by the bidder and to the customer specifications including rear chevrons

6.8 Pinstriping: Per squad specifications

6.9 Exterior Compartments: Paint interior of exterior compartment surfaces not covered with diamond treadplate with gray/white Zolotone Spatter Paint.

6.10 Lettering: Per squad specifications.

6.11 Interior Signage: Provide (2) two “NO SMOKING OXYGEN IN USE” and (2) two “SEAT BELTS REQUIRED” signs to be installed (1) each in the cab and patient compartments.

7.0 ELECTRICAL SYSTEM:
7.1 **Switch Panels:** Provide and install a new front switch panel with full size switches, with analog ammeter and voltmeter. Provide and install a new rear switch panel in the patient area. All switches to have integral indicator light to show when circuit is activate.

**Does your bid comply Exactly as written?**  Yes _____ No _____

7.2 **Power Panel:** Upgrade electrical system to meet KKK-A-1822E. Check for 100% complete correct operation.

**Does your bid comply Exactly as written?**  Yes _____ No _____

7.3 **Wiring Installation:** All new power wiring provided shall be copper and conform to all the SAE J1292 requirements and shall have GXL or SXL high temperature thermoplastic or better insulation rated at 125 degrees centigrade and conforming to SAE J1127 and J1128.

**Does your bid comply Exactly as written?**  Yes _____ No _____

7.4 **Wire Labeling:** All wiring shall be permanently color-coded and labeled for easy troubleshooting. Run a 10 gauge yellow 3 12g red/yellow/black from M2 compartment to front console.

**Does your bid comply Exactly as written?**  Yes _____ No _____

7.5 **Wire Loom:** The engine wiring shall be routed in conduit or high temperature looms with a rating of 300 degrees Fahrenheit. All added wiring shall be in protective loom, located in accessible, enclosed and protected locations, and kept at least six inches away from the exhaust system components. Wiring and components shall not terminate in the oxygen storage compartment except for the oxygen light and door switch plunger. Wiring necessarily passing through an oxygen compartment shall be routed in metal conduit. All conduits, looms and wiring shall be secured to the body or frame with insulated metal straps in order to prevent sagging and movement which results in chafing, pinching, snagging, or any other damage. All apertures on the vehicle shall be properly grommeted for passing wiring and conform to SAE 1292.

**Does your bid comply Exactly as written?**  Yes _____ No _____

7.5.1 **Shoreline:** Install a new 20 amp auto-eject shoreline.

7.5-2 **Power Door Locks:** Add power door locks to the rear access doors and curbside access door with a hidden door switch in the front grille / bumper area.

7.6 **Battery Switch:** Install new Cole Hersee switch #2484 battery disconnect switch. This switch can only control module power. All chassis power requirements shall conform to QMV standards for ambulances.
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Does your bid comply Exactly as written?  Yes _____  No _____

7.7  Cab Wiring: Install new power distribution harness and battery cables.

Does your bid comply Exactly as written?  Yes _____  No _____

7.8   Tail Lights: There shall be a pair of each Red, Tail/Stop Whelen 900 series LED DOT approved lights, a pair of Amber Arrow Whelen 900 series LED DOT approved lights and Clear Halogen Whelen 900 series DOT approved tail light package on the rear above the rear kickplate and centered between rear door hinges and side cornerpost, all lights with chrome flange package.

Does your bid comply Exactly as written?  Yes _____  No _____

7.8.1  Clearance Lights:  New Clearance Lights:
Front ICC Lights:  (5) AMBER Weldon LED No 9186-1500A.  Switch w/Headlights.
Front ICC Light Guards:  (5) Across Front
Rear ICC Lights:  (5) RED Weldon LED 9186-1500R.  Switch w/ Headlights.
Rear ICC Light Guards:  (5) Across Rear

Does your bid comply Exactly as written?  Yes _____  No _____

7.9  Warning Lights: All side upper body, front upper body and rear upper body lights are to be replaced with new Super LED lights with clear lenses with the lights to have the same color LED’s as the pattern the unit presently has. All lights shall be programmable 900 series lights except for the rear amber shall be a 600 series. All lights are to have the chrome flange package. If the unit presently has LED’s they are to be upgraded with clear lenses for full functionality.

Does your bid comply Exactly as written?  Yes _____  No _____

7.10  Intersection Lights: Both front cab fenders are to have new Whelen 500 series Super LED lights with chrome flange package. The LED’s shall be red and the lenses shall be clear.

Does your bid comply Exactly as written?  Yes _____  No _____

7.11   Grille Lights: There are to be a pair of Whelen TIR-3 Red Super LED’s with chrome flange package. The lights are to be installed on the front middle of grille.

Does your bid comply Exactly as written?  Yes _____  No _____

7.12  Side Scene and Rear Load Lights: There are to be new Whelen 900 series opti scene lights on both side and rear, (6) total. These lights are to be halogen and are to have clear lenses with downward optics built into the lenses and all lights are to have the chrome flange
package. Each pair of lights is to have a switch in the cab console to designate Left Scene, Right Scene and Rear Load for activation. The rear load lights are also to activate when the vehicle is placed in reverse.

**Does your bid comply Exactly as written?**    Yes _____  No _____

7.13  **Siren Speakers:** Provide and install a new pair of front bumper mounted siren speakers manufactured by Cast Products Model # 3806-D and 3806-P in the front bumper.

**Does your bid comply Exactly as written?**    Yes _____  No _____

7.14  **Cab Console:** Type III Console: New front console with storage for switch panel, cup holders, space for radios and clipboard storage.

7.14.1  **Add On Console:** Custom
(2) Big gulp cup holders at front – single notebook holder next – 4 glove box holder next.

**Does your bid comply Exactly as written?**    Yes _____  No _____

7.15  **Door Switches:** Replace all door switches with new door switches to meet or exceed the present door switches in the unit.

**Does your bid comply Exactly as written?**    Yes _____  No _____

7.16  **Patient Dome Lights:** Replace all existing patient ceiling dome lights with new Kinequip LED KFA-LEDLIGHT 08 wired to the Patient Area new switch panel with left and right banks, high and low. The rear doors are to automatically with the battery switch on, activate the streetside lights on low. Also, replace the fluorescent lights with (3) Dome Lights down the center.

**Does your bid comply Exactly as written?**    Yes _____  No _____

7.17  **Back Up Alarm:** Install a new Preco back up alarm with minimum 97db. There shall be a momentary switch in the driver’s cab switch console that will temporarily disabled until the unit is put in reverse the next time.

**Does your bid comply Exactly as written?**    Yes _____  No _____

7.18  **Front of Modular Box:** Front of Modular box to house (5) 900 LED Lights across the front of box ILO Lightbar. Layout of LED Colors to be (red/red/clear/red/red). ALL w/Clear Lens.

**Does your bid comply Exactly as written?**    Yes _____  No _____
7.19 **Inverter**: The unit shall have a new Vanner 20-1050CUL inverter unit installed in the agreed location at preconstruction and shall include a 50amp or greater integral battery charger/conditioner. The switch for the inverter shall be located in the action area switch panel.

**Does your bid comply Exactly as written?**  Yes _____  No _____

7.20 **Siren**: The unit shall have a new Whelen WS295-HFS2 flush mount siren in the cab console and wired to the new siren speakers in the chassis front bumper. The siren shall also be wired to a Horn/Siren switch in the cab console to allow the OEM horn ring in the steering wheel to activate and change tones in the siren.

**Does your bid comply Exactly as written?**  Yes _____  No _____

7.21 **Handheld Spotlight**: To be supplied.

**Does your bid comply Exactly as written?**  Yes _____  No _____

8.0 **EXTERIOR COMPARTMENTS**

8.1 **Weather Stripping**: Replace all exterior rubber door weather stripping with original or equivalent seal. Weather stripping is to be continuous, No mitered corners.

**Does your bid comply Exactly as written?**  Yes _____  No _____

8.2 **Compartment Doors**: Compartment doors are to be closely inspected for condition and repaired as necessary.

a. Repair or replace all door hardware. All modular doors must be keyed alike.

b. Install power door locks so that OEM power door locks operate all patient compartment and exterior compartment doors.

c. All door checked and trued for alignment and closure.

d. All hold opens checked for operation and defective closed replaced with new.

e. Lubricate all door latches and locks for proper operation.

f. Replace any defective latches or locks to insure 100% operation.

g. All patient entry door windows removed prior to painting.

h. Any damaged windows replace with like OEM windows from OEM manufacturer.

**Does your bid comply Exactly as written?**  Yes _____  No _____

8.3 **Compartment Floor Covering**: All exterior compartment floors and shelves are to have black Kendall Dri-Dek. NO EXCEPTIONS.

**Does your bid comply Exactly as written?**  Yes _____  No _____
Harnett County EMS Remount Specifications

9.0 PATIENT COMPARTMENT CABINETRY AND FIXTURE

Does your bid comply Exactly as written?  Yes ______  No ______

9.1 Attendant Seat: Wise, Hi-back, 3-Point Seat. BASE: Swivel base for Wise Seat Option. Child’s Safety Seat to be included.

Does your bid comply Exactly as written?  Yes ______  No ______

9.2 Flooring: Sub-Floor shall be sanded to remove all imperfections before installation of new floor. Lonplate # 164 Gunmetal Gray.

Does your bid comply Exactly as written?  Yes ______  No ______

9.3 Thresholds: Replace side and rear thresholds with satin finish stainless steel thresholds, which are sealed for sanitation. At rear doors install safety yellow with diagonal stripes nonskid tape over threshold.

Does your bid comply Exactly as written?  Yes ______  No ______

9.4 Upholstery: All patient area upholstery is to be replaced with the same color to optimize vehicle appearance.

Does your bid comply Exactly as written?  Yes ______  No ______

9.5 Cabinetry: Cabinets will be check for sharp edges, defective areas and professionally repaired including the following items:

   a. Replace ALL Lexan in patient compartment.
   b. Trim our interior to like new condition.
   c. Manually check cabinet mounting bolts to insure stability and strength.
   d. Check all shelves for security and make rattle proof.
   e. Check all seat belts and replace all defective ones.
   f. Replace any damaged or missing trim.
   g. Replace any rusty or discolored screws or trim.
   h. New cargo net on ALS.
      i. Provide high quality clean up and sanitation to all cabinetry, components, headliner, etc.
   j. Inspect all Lexan and track for proper operation.
   k. Install new Stryker side AND center mount cot position cot hardware with an in-fastener shut off bracket, to accept a Stryker Cot.
      l. Tilt out sharps storage with non-locking chrome pull latch wood door facing CPR seat in Life-pak area.

Does your bid comply Exactly as written?  Yes ______  No ______
10.0 HEATING AND AIR CONDITIONING

10.1 Heat/Cool Unit: Replace the existing patient area Heat and A/C unit with the following:

AC (HVAC): A new AC / Heat Combo Unit.

AC Evaporator: Master Air (AC/Heat) w/Dual Cyl Fans – Std.
Heater Hoses: EPDM – Nomex Rubber (per Ford QVM)
FILTER: Washable Carbon Pre- Filter

Run new drain line for the pan for proper condensation drainage.

Does your bid comply Exactly as written? Yes ______ No ______

10.2 Heat/Cooling Testing: System shall be extensively tested for peak performance and readings shall be provided to customer.

Does your bid comply Exactly as written? Yes ______ No ______

10.3 Power Vent: Shall be tested and repaired or replaced as necessary to meet original equipment.

Does your bid comply Exactly as written? Yes ______ No ______

11.0 OXYGEN AND VACUUM SYSTEMS

11.1 Oxygen System: Perform (4) four hour nitrogen leak test. Repair any leaks noted and retest and tag system with certification.

Does your bid comply Exactly as written? Yes ______ No ______

11.2 Suction System: Test vacuum lines, outlets for proper operation and repair or replace as necessary.

Does your bid comply Exactly as written? Yes ______ No ______
EXECUTION OF PROPOSAL PAGE

Ambulance(s) and Equipment

Date: 

By submitting this proposal, Vendor certifies the following:

An authorized representative of the firm has signed this proposal.

It can obtain insurance certificates as required within 10 calendar days after notice of award.

The Vendor has determined the cost and availability of all equipment, materials and supplies associated with performing the services outlined herein.

All labor costs, direct and indirect, have been determined and included in the proposed cost.

The Vendor is aware of the prevailing conditions associated with performing this contract.

Therefore, in compliance with the foregoing Request for Proposal, and subject to all terms and conditions thereof, the undersigned offers and agrees, if this proposal is accepted within (60) days from the date of the opening, to furnish the services for the prices quoted.

Vendor: __________________________________________

Mailing Address: __________________________________________

City, State, Zip Code: __________________________________________

Telephone Number: __________________________________________

Principal Place of Business
if different from above: __________________________________________

By ____________________________ Title: ____________________________

(Type or Print Name)

(Signature)