



4/6/2022

# OWEN COUNTY GOVERNMENT

Department of Emergency  
Medical Services

Request for Proposal  
Ambulance Conversion Remount  
RFP-2022-003-EMS



Owen County Government  
100 North Thomas Street  
Owenton, Kentucky 40359

Proposal Submission Deadline  
April 26, 2022, by 4 PM EST

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## Remount Emergency Medical Care Vehicle - Bidder Supplied Module

### Section 1: General Provisions

#### 1.1 Definitions

For the purposes of this Request for Proposal the following definitions shall apply.

- Notice of Award (NOA)
- Owen County Emergency Medical Services - "OCEMS"
- Owen County Government (OCG) - shall mean Owen County Fiscal Court
- Request for Proposal - "RFP"
- Vendor - shall mean contractors, consultants, Bidder, organizations, firms or other persons submitting a response to this Request for Proposal

#### 1.2 Purpose

This Request for Proposal (RFP) provides guidelines for the submission of proposals in response to Ambulance Remount for Owen County Government (OCG).

#### 1.3 Proposal Submission and Withdrawal

OCG shall not be held responsible for the content of the RFP obtained from any third-party source nor will the County be responsible for providing addenda to potential Bidder who receive an RFP package from other sources than the OCG. The proposals will be received at the following address:

RFP-2022-003 EMS Ambulance Remount  
Owen County Government  
100 North Thomas Street  
Owenton, Kentucky 40359

Please mark the envelope ***RFP-2022-003-EMS Ambulance Remount***. Bidder shall submit six (6) sets of the proposal, one marked original and five (5) copies of the proposal in a sealed envelope marked as noted above. **Official proposals may be received by hand delivery and mail only.** Bidder's may submit a digital copy via email to [rfp@owencountyky.us](mailto:rfp@owencountyky.us), however a hardcopy must be received by the established deadline as an official proposal submission.

OCG must receive all proposals by **April 26, 2022, at 4pm Eastern Standard Time (EST)**. Late proposals will not be considered. Proposals will be logged at time of delivery; however, Bidder should confirm delivery by contacting 502-483-3405 before closing date and time. **OCG reserves the right to waive or reject any and all proposals, and lowest proposal does not guarantee award.**

Bidder may withdraw their proposals by notifying OCG in writing at any time prior to the deadline of proposal submittal. After the deadline, proposals once opened become public record of the OCG and will not be returned to the Bidder. Upon opening proposals are subject to public disclosure consistent with Kentucky Revised Statutes.

Any Bidder that elects to invoke exemptions to disclosure provided by law in response to the RFP is required to submit a redacted version of the RFP, clearly marked as such on the front cover of the RFP. The redacted version shall contain a summary sheet(s) detailing the sections and or pages redacted; state the reasons why such exclusion from public disclosure is necessary and state the legal basis for each exemption, with a specific statutory citation for the exemption.

It will be the responsibility of the Bidder to elect and submit a redacted version of their RFP submittal. If the Bidder elects not to submit a redacted version of the RFP submittal, in accordance with item 1.3, the entire RFP, without exclusion, will be made available as a public record upon request.

#### **1.4 Invitation to Propose**

This RFP solicits for the services of responsible Bidder to provide ambulance conversion remount for OCG, OCEMS.

#### **1.5 Development Costs**

Neither OCG nor its representatives shall be liable for any expenses incurred in connection with preparation of a response to this RFP. Bidder should prepare their proposals simply and economically, providing a straightforward and concise description of the Bidder's ability to meet the requirements of the RFP.

#### **1.6 Inquiries of Addenda**

Interested Bidder may contact the OCG Office with questions about the proposal. Written requests for clarification concerning the meaning or interpretations of this RFP, until seven (7) days prior to submittal date should be emailed to [rfp@owencountyky.us](mailto:rfp@owencountyky.us) on company letterhead with the reference number of the RFP. This issuance of addendum(s) is the only official method whereby interpretation, clarification, changes, modifications, or additional information may be provided by OCG.

OCG will make reasonable efforts to notify registered Bidder by email or facsimile that an addendum has been made to the RFP. OCG shall not be responsible for providing notice of addenda to potential Bidder who receive an RFP package from other sources. Bidder requesting addendums to be sent by email (with delivery receipt), U.S. mail or mail service will be at the Bidder cost.

All addendums issued by OCG will include a receipt form, which must be signed and included with any proposals that are submitted to Owen County. In the event multiple addenda are issued, a separate receipt for each addendum must be included with the proposal at the time it is submitted.

All Bidder are expected to carefully examine the proposal documents. Any questions, ambiguities or inconsistencies should be brought to the attention of OCG through written communication on official letter head via mail, fax or email prior to the opening of the RFP proposals.

#### **1.7 Licenses**

Bidder, both corporate and individual, must be fully licensed and certified, and have an office for the type of work to be performed at the time of the RFP receipt, as applicable. The proposal of any Bidder that is not fully licensed, certified and have an office shall be rejected.

#### **1.8 Code of Conduct and Ethics**

If any Bidder violates or is a party to a violation of the Code of Conduct and Ethics of OCG or the Commonwealth of Kentucky with respect to this proposal, such Bidder may be disqualified from performing work described in this proposal or from furnishing goods or services for which the proposal is submitted and shall further be disqualified from bidding on any future proposals for work, goods, or services for OCG.

#### **1.9 Legal Requirements**

Bidder shall comply with applicable provision of all federal, state, county laws, Owen County Code of Ordinances, rules and regulations, and Procurement Policy. Lack of knowledge of any such provision by any Bidder, shall not constitute a cognizable defense against the legal effect thereof.

### **1.10 Insurance**

The Bidder, if awarded a contract, shall maintain insurance coverage reflecting the minimum amounts and conditions specified herein. In the event the Bidder is a governmental entity or a self-insured organization, different insurance requirements may apply. Misrepresentation of any material fact, whether intentional or not, regarding the Vendor's insurance coverage, policies, or capabilities may be grounds for rejection of the proposal or rescission of any awarded contract. Proof of ability to obtain insurance shall be submitted with the bid document.

### **1.11 Commercial General Liability**

The contractor shall procure and maintain, for the life of this contract, Commercial General Liability Insurance. This coverage shall be on an "occurrence" basis. Coverage shall include premises and operations; independent contractor's products and completed operations and contractual liability. This policy shall provide coverage for death, personal injury or property damage that could arise directly or indirectly from the performance of this agreement.

The Minimum Limits of Coverage shall be \$6,000,000 per occurrence, Combined Single Limit for Bodily Injury and Property damage with no more than a \$1000 deductible. OCG must be named as an additional insured. The additional insured requirement is waived if the vendor is delivering a product owned by OCG. Thirty (30) days written notice must be provided to OCG via certified mail in the event of cancellation.

## **Section 2: Statement of Work**

### **2.1 Scope**

These specifications cover the remounting and refurbishment of a commercially produced, surface medical care vehicle, hereinafter referred to as ambulance or vehicle. A vehicle in compliance with these specifications shall be defined as a standard ambulance. These vehicles shall be in accordance with the Ambulance Design Criteria of the National Highway Traffic Administration, U.S. Department of Transportation, Washington, DC. These bid specifications are based on the Federal Ambulance Specification KKK-A-1822F or latest revision.

### **2.2 Purpose**

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

### **2.3 Classifications**

These specifications call for the following type of vehicle. It is in accordance with KKK-A-1822F.

Type I - Integral Cab Chassis with modular ambulance body.  
 Class 2 - Two rear wheel driven (4x4)  
 Configuration A (ALS) – Elevating cot and squad bench (3.1.5.1)

### **2.4 General**

These are engineer, design, construct and deliver type specifications and it is, not the intention of Owen County to write out Bidder of similar or equal equipment of the types specified. It should be noted, however, that these specifications are written around specific needs of Owen County EMS. 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 providing the bidder provides documentation in the bid that the brand offered meets or exceeds the quality of the actual brand called for in these specifications.

- a. The vehicle shall be designed so that the operator could perform all recommended daily maintenance checks easily without the need for hand tools.
- b. Vehicle components that interfere with repair or removal of other major components must be attached with fasteners (cap, screws, nuts, etc.) so that the components can be removed and installed with normal hand tools. These components must not be welded or otherwise permanently secured into place.
- c. The unequipped personnel weight shall be calculated at 200 lbs. per person times the maximum number of persons to ride on the vehicle.
- d. The height of the fully loaded vehicle's center of gravity shall not exceed the chassis manufacturer's maximum limit.
- e. The front to rear weight distribution of the fully loaded vehicle shall be within the limits set forth by the chassis manufacturer. The front axle loads shall not be less than the minimum axle loads specified by the chassis manufacturer, under full loads and all other loading conditions.
- f. The difference in weight on the end of each axle, from side to side, when the vehicle is fully loaded and equipped shall not exceed seven (7%) percent.
- g. The vehicle shall be so designed that the various parts are readily accessible for lubrication, inspection, adjustment, and repair.
- h. Where special tools manufactured or designed by the contractor are required to provide routine service on any component of the vehicle built or supplied by the contractor, such tools shall be provided with the vehicle.
- i. The vehicle manufacturer shall supply one (1) copy of the Ambulance and commercial Chassis (Drive train Service manuals) that will include all diagrams and schematics for vehicle maintenance. These shall be delivered when the vehicle is delivered. The manuals shall include, but not be limited to all component warranties, user manuals and information for supplied products, vehicle engineering information including drawings and build prints, wiring schematic drawings and whatever other pertinent information the vehicle manufacturer can supply to its customer regarding the said vehicle.
- j. Included in the delivery of the unit, the vehicle manufacturer shall also include spare hardware and extra fasteners, paint for touch-up, information regarding washing and care procedures, as well as other recommendations for care and upkeep of the general vehicle.

## **2.5 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 these specifications. 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 as 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 service intended.

## 2.6 Manufacturing Ability

It is the intent of these specifications that the vendor of these vehicles can remount and refurbish a complete ambulance within their plant facility, except for the chassis. The ambulance vendor must have significant experience in the remounting and refurbishment of modular ambulance bodies and performed a minimum of fifteen (15) remounts in the last six (6) months. In addition, bidder shall carry no less than \$ 6,000,000 in Products liability insurance.

## 2.7 Reference

As further evidence of vendor's ability to perform, the contractor shall submit a list of ten (10) customers with similar type remounts. The references shall also include name of service, address, contact and phone number. NO EXCEPTIONS.

## 2.8 Exceptions to 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/Clarifications". Any bidder not complying shall not be considered as responsive.

## 2.9 Warranty

The successful bidder shall provide vendor's warranty coverage for the ambulance or rescue vehicle conversion, which coverage shall, at a minimum include:

- a. A Limited Warranty shall be provided on the ambulance remount conversion. The vendor shall warrant to the original retail purchaser that, for a period of thirty-six (36) months or thirty-six thousand (36,000) 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's remount work, and which arise during normal use and service. There must be a copy of the warranty statement included with the bid documents. NO EXCEPTIONS.
- b. There shall be a five (5) year or 100,000 minimum mile warranty on the ambulance remount's electrical wiring system effective starting the date OCG accepts delivery of the completed vehicle. It is the intent of this requirement that items not manufactured or installed by the ambulance vendor be excluded. There must be a copy of the warranty statement included as part of the bid documents. NO EXCEPTIONS.
- c. There shall be a five (5) year unlimited mileage paint warranty covering the vehicle conversion and any painting done to the chassis. There must be a copy of the warranty statement included with the bid. NO EXCEPTIONS.
- d. Each bidder shall extend the original modular manufacturer's structural warranty for a minimum of 15 years. There shall be a copy of the warranty specimen included as part of the bid proposal. NO EXCEPTIONS
- e. Warranty on the chassis portion of the completed ambulance or rescue vehicle shall be the responsibility of the chassis manufacturer. The terms of such warranty are set forth in the Warranty literature included in the owner's manual. The successful manufacturer's sole responsibility about the chassis shall be to provide reasonable assistance to the purchaser in obtaining warranty from the chassis manufacturer or its authorized service center. Bidder failing to meet these requirements shall be considered non-responsive.

## 2.10 Delivery Time

Since this vehicle is urgently needed, it is desired that delivery of the vehicle, meeting these specifications, shall be delivered within 90 calendar days from the receipt of chassis. Failure to deliver the specified vehicle in the designated time shall result in liquidation damages in the amount of one hundred (\$100.00) dollars, per calendar day the vehicle is late and shall be deducted from the final payment. Upon finishing the remount, both chassis shall be delivered back to OCG by bidder. NO EXCEPTION

## 2.11 Service

Each bidder shall have a Service Center within 75 miles of OCEMS. This Service Center shall have a mobile service vehicle, said vehicle shall be equipped with welders, air conditioning machine, and all equipment necessary to perform service in Owenton. Bidder shall also perform (2) two "on-site" PMs (preventive maintenance) checkups per year for (2) two years. NO EXCEPTION

## 2.12 Pick-up and Delivery

To ensure proper break-in of all components while still under warranty, shall be delivered under its own power. A qualified delivery engineer representing the contractor shall instruct the department personnel in the proper operation, care and maintenance of the vehicle and all supplied equipment when delivered.

**Special Note #1: During the pre-build conference, it shall be agreed by OCG and bidder authorized representative if the vehicle should be delivered to Owen County or OCG representatives will travel to vehicle pick-up.**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

## 2.13 Pre-Build Conference

Within five (5) days of Notice of Award (NOA), successful vendor shall attend a pre-build conference in person or via web conference with Owen County Government at 100 North Thomas Street, Owenton, Kentucky 40539. Section 2.12 shall be agreed upon.

## 2.14 Non-Performance Penalty

Timely delivery of the completed vehicle, according to these specifications, is required. Delivery of the vehicle that does not meet the requirements of this specification and the bidder's proposal, as accepted by this agency, shall be cause for rejection of the vehicle.

Liquidation damages in the amount of one hundred (\$100.00) dollars, per calendar day, per rejected vehicle, shall be deducted from the final payment. The penalty shall be computed from the first working day following rejection until deficiencies are corrected and an acceptable vehicle is delivered. Failure to deliver an acceptable vehicle within thirty (30) calendar days after initial rejection shall be cause for cancellation of the purchase order and/or contract.

## 2.15 Module Photographs

Owens County shall approve the module to be remounted prior to NOA. Photographs can be submitted prior to the submission date of April 26, 2022, to [rfp@owencountyky.us](mailto:rfp@owencountyky.us) and must meet the following pre-RFP submission guidelines. The pre-approved module photographs shall be incorporated into the bidders final RFP submission.

Photograph requirements:

- a. Color photographs only (NO EXCEPTIONS)
- b. Photograph minimum size 3x5 inches
- c. All exterior module sides must be visible (Front, Rear, Passenger & Driver Side)
- d. All interior module sides must be visible (Front, Rear, Passenger & Driver Side)

- e. Module roof
- f. Module underside (when possible)

### Section 3: Technical Requirements - Chassis

Minimum technical specifications for vendor supplied Type I Ambulance Module and subsequent remount to a 2022 Chevrolet Silverado 3500HD CC 4WD Reg Cab 171" WB, 84.5" CA Work Truck with Ambulance Prep Package 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.

#### 3.1 Manufacturer and Model Year

The chassis requirement for these specifications is a new 2022 model or newer.

Does your bid comply?  Yes  No

#### 3.2 Model Type

The model type required is a 2022 Chevrolet Silverado 3500HD CC 4WD Reg Cab 171" WB, 84.5" CA Work Truck.

Does your bid comply?  Yes  No

#### 3.3 Trim Level & Color

Trim level shall be "Silverado" GM Preferred Equipment Package. Color shall be Summit White.

Does your bid comply?  Yes  No

#### 3.4 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?  Yes  No

#### 3.5 Gross Vehicle Weight Rating (GVWR)

The gross vehicle weight rating shall be 14,000 lb. minimum.

Does your bid comply?  Yes  No

#### 3.6 Axles and Suspension

The chassis provided shall be a 171" wheelbase, heavy-duty front, and rear springs with front stabilizer bar. Shock absorbers shall be heavy-duty. Rear axle is limited slip wide track with a ratio of 3.73. Rear wheels to be dual.

Does your bid comply?  Yes  No

#### 3.7 Electrical Batteries

The vehicle shall be supplied with dual 12-volt batteries. They shall be standard OEM Heavy Duty Batteries. The chassis mounted battery shall be moved to a side compartment (right) with slide out tray.

Does your bid comply?  Yes  No

#### 3.8 Electrical Generating System

The ambulance shall be equipped with an OEM 220 Amp alternator with internal voltage regulators.

Does your bid comply?  Yes  No

#### 3.9 Engine

Engine, 6.6L V8 with Direct Injection and Variable Valve Timing, gasoline, (401 hp [299 kW] @ 5200 rpm, 464 lb-ft of torque [629 N-m] @ 4000 rpm).

Does your bid comply?  Yes  No

### 3.10 Engine High-Idle Speed Control, Automatic

The vehicle shall be equipped with an OEM Auxiliary High Idle System. When the vehicle is in park, and the parking brake is set, the switch shall electronically adjust the engine idle up to an OEM predetermined setting to maintain system voltage.

Does your bid comply?  Yes  No

### 3.11 Fuel Tank

The vehicle shall be equipped with dual fuel tanks, having a capacity of at least 63.5 gallons.

Does your bid comply?  Yes  No

### 3.12 Tires and Rims

The vehicle shall be equipped with seven (7) LT235/80R17E Radial black sidewall tires. The OEM manufacturer's standard steel vented rims will be provided. Spare tire, wheel and tire changing tools will also be provided as a loose accessory. Chrome wheel Covers shall be provided and installed.

Does your bid comply?  Yes  No

### 3.13 Transmission

The vehicle to be supplied with a 6-speed automatic, heavy duty electronically controlled with overdrive/tow haul. Includes cruise grade braking and powertrain grade braking. There is to be installed a DRIVE SHAFT GUARD on the drive line.

Cooling, auxiliary external transmission oil cooler

Does your bid comply?  Yes  No

### 3.14 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. The system shall include climate control with vacuum operation valves.

Does your bid comply?  Yes  No

### 3.15 Hoses

All radiator and heater hoses to be high quality, same as OEM throughout vehicle (NO EXCEPTIONS).

Does your bid comply?  Yes  No

### 3.16 Auxiliary Heater-A/C Connector Package

The chassis shall be equipped with the Chevrolet Auxiliary Heater-A/C connector package included with the YF2 Ambulance Prep Package.

Does your bid comply?  Yes  No

### 3.17 Glass

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

Does your bid comply?  Yes  No

**3.18 Horns**

The OEM manufacturer's dual electric horns shall be provided.

Does your bid comply?  Yes  No

**3.19 Mirrors**

Mirrors, outside power-adjustable vertical trailing with heated and auto-dimming upper glass lower convex mirrors, turn signal indicators, puddle lamps, perimeter lighting, auxiliary lighting, power folding/manual extending.

Does your bid comply?  Yes  No

**3.20 Radio & Rear Camera**

Audio system, Chevrolet Infotainment 3 system, 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, wired Apple CarPlay and Android Auto capable.

Rear Camera Kit. Kit includes camera, fixed position bracket & 19 ft cable with attachment clips. Rear camera radio calibration provided from the factory.

Does your bid comply?  Yes  No

**3.21 Seats**

The Chassis shall be equipped with dual captain's chairs with lap and shoulder belts. Arm rest shall be provided and installed "after-market" on the main switching console.

Does your bid comply?  Yes  No

**3.22 Cruise Control & Steering Wheel**

Cruise speed control and tilt steering to be supplied.

Does your bid comply?  Yes  No

**3.23 Deluxe Package**

Fleet Convenience Package includes Remote Keyless Entry; power windows; express up/down Driver; power door locks; interval select windshield wipers and chrome front bumpers. A "power unlock" switch shall be installed in the front grille area.

Does your bid comply?  Yes  No

**3.24 Running Boards & Mud Flaps**

Heavy-duty aluminum diamond tread running boards shall be installed from the back of the front wheel opening to the front of the module box. They shall include mud flaps to protect the chassis and module. Rubber mud flaps shall be installed behind the dual rear wheels.

Mounted on the face of the module shall be an LED light that comes on when the cab doors are opened and illuminates the running board surface.

Does your bid comply?  Yes  No

**3.25 Miscellaneous Chassis Items**

- a. Dual pitch horn reduced sound level exhaust, OEM standard undercoating, dual or Multi air bag system.

Does your bid comply?  Yes  No

- b. Grille Guard – Ranch Hand full Grille Guard (Black)

Does your bid comply?  Yes  No

- c. Rear Suspension – Shall be "Liquid Springs"

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**3.26 Electrical Control Center Console**

A rocker switch panel or equivalent shall be mounted on a custom fabricated electrical control center console mounted between the drivers and passenger's seat. The console shall be mounted on the cab floor, made within the area provided. The console shall be constructed in such a manner to allow easy access to all wiring and components housed within. **There are to be installed armrests on each side of the console if the OEM seats are not equipped.**

All components such as rocker switch panel, open door warning light, vacuum florescent display, siren head controller, etc... shall be mounted on the console. The console shall be angled upward in the area housing the NEW RCTronics rocker switch panel.

The console shall include a recessed area capable of holding three (3) exam glove boxes. The console shall include a minimum of two (2) recessed areas capable of holding at least two (2) two-inch (2") ring binders. The console shall house most of the electrical hardware required to serve chassis electrical functions. However, if adequate space is not available, the remainder of the electrical hardware shall be in an easily accessible location. The exterior of the console shall be finished in a manner to match the interior of the chassis and be pleasing in appearance with a durable finish.

NOTE: A brand new RCTronics Electrical System shall be installed (COMPLETE) No Exceptions

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**3.27 Rocker Switch Panel**

All specified lighting fixtures and electrical components shall be activated by New RCTronics sealed rocker switches. The switches shall be located on a separate embossed electrical panel, complete with backlit name tags describing the function of each individual switch. Switches shall be lighted when in the on position.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

There shall be one (1) switch on the Master Rocker Switch Panel to activate the Modular functions of the unit. This switch shall activate all functions controlled by the modular switch panel. The modular switch panel shall also have a master switch allowing for activation of the modular switch panel from either the cab or the module.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**3.28 Backup Alarm**

An electronic backup alarm shall be furnished and installed. It shall be 97 decibels and activated automatically when the transmission gear selector is placed in reverse. There shall be a momentary cut-off switch installed on the Master Switch Panel.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**3.29 Backup Camera System**

This ambulance shall be equipped with an OEM or equivalent back up camera system.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**3.30 Shoreline**

Shall be equipped with a Super Kussmaul or (equivalent) twenty (20) amp (with Dynamic Disconnect) auto eject shoreline.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**3.31 Siren**

One (1) electronic dual tone siren shall be furnished and installed in the center console within easy reach of the driver. It shall be 200 watts and feature hands free operation allowing tones and air horn functions to be operated by the chassis horn.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.32 Speakers**

There shall be two (2) 100-watt siren speakers furnished and installed in the front bumper, one (1) mounted on the right side and one (1) mounted on the left side. Each speaker shall be a Cast Products model.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.30 Chassis Required Labeling**

a. Signs that state "Seat Belts Must Be Worn" shall be provided. They shall be visible from each seating position.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

b. Module Color: Module shall be painted white to match chassis.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

c. Graphics / Stripes: The Ambulance shall be striped/lettered per Owns County's layout including all logos, star of life. All striping and lettering to be reflective. KKK-A-1822 decals to be installed.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.31 Gauge & Meters**

Speedometer, odometer, fuel gauge, temperature, oil pressure, digital voltmeter, engine hour meter.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.32 Batteries**

Speedometer, odometer, fuel gauge, temperature, oil pressure, digital voltmeter, engine hour meter.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.33 Brakes**

Brakes, 4-wheel antilock, 4-wheel disc with DURALIFE rotors

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.34 Transmission**

6-speed automatic, heavy-duty 4X4 chassis with automatic/overdrive transmission and external oil cooler

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.35 Rear End**

Wide Track Rear End.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

**3.36 Batteries**

Two (2) 730 CCA wired parallel in OEM configuration that complies with KKK-A-1822-F requirements. Batteries will be wired so that both will always be used for starting and controlled by a 300-amp power cut



off switch. The ignition key shall activate the power cut off switch. Power can be provided to the module without the engine running by turning the ignition key to accessory position.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 3.37 Alternators

OEM 220-amp alternator with internal regulators or equivalent.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 3.38 Chassis Air Conditioner & Heater

OEM 220-amp alternator with internal regulators or equivalent.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 3.39 Engine Cooling System

Cooling, external engine oil cooler for heavy-duty liquid system per OEM specifications.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

## Section 4: Electrical System

### 4.1 Cab to Module Harness

The ambulance shall receive a new wiring harness from the engine compartment to the cab console. A new wiring harness shall be installed between New Cab and Modular Box Power Control Panel and shall be connected in such a manner as to ensure each circuit is tight and secure.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 4.2 Power Control Panel

Shall be new a NEW RCTronics Systems.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 4.3 Wiring Labeling

All wiring shall be permanently color-coded and labeled for easy troubleshooting. Wiring schematics shall be furnished for all wiring systems.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 4.4 Wiring Loom

The engine wiring shall be routed in conduit or high temperature looms with ratings of 300 degrees Fahrenheit or more. Wiring will be no closer than 6 inches from the chassis exhaust system. No wiring will terminate in the Oxygen compartment, except for said compartment light and door activation switch. Any wiring passing through this compartment shall be encased in metal conduit. All metal conduits, looms and wiring shall be secured to the chassis frame or modular body with insulated metal straps to prevent sagging and movement. All wiring shall conform to SAE 1292 guidelines.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 4.5 Grill Lights

Four (4) LED consisting of two (2) red lights with clear lens and two (2) clear/white lights with chrome flanges to be installed in grill area.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.6 Intersection Lights

Two (2) LED red/white lights with clear lens and chrome flanges to be installed in front fender areas of chassis.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.7 Front Box Lights

LED series lights are to be installed on the forward-facing portion of the module. Seven (7) LEDs with clear lens and chrome bezels shall be installed. The lighting sequence shall be as follows Red - Red/White – White/Red – White – White/Red – Red/White - Red. Lights are to set on rapid unsynchronized flash. When the primary switch is activated, all forward-facing lights will work in conjunction with the rest of the module warning lights. When the secondary switch is activated only the red forward-facing lights will work in conjunction with the rest of the module warning lights. **NO EXCEPTIONS!**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.8 Module Warning Lights

LED red lights with clear lens and chrome bezels to be installed on module as follows: two (2) curbside, two (2) street side, and two (2) upper corners in the rear. **NO EXCEPTIONS!**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.9 Mid Body Lights

Two (2) LED red/amber lights with clear lens with chrome bezels. The red portion of the lights shall flash in conjunction with the emergency warning light system and with the brake lights.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.10 Rear Amber LED

One (1) LED light with amber lens and chrome bezels to be installed on rear of module above patient compartment doors. **NO EXCEPTIONS!**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.11 Scene Lights

Six Module scene lights will be new LED with chrome bezels. **NO EXCEPTIONS!**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.12 Rear Taillights

LED amber arrow, red stop, and clear reverse light assemblies. Light assemblies shall incorporate chrome bezels. **NO EXCEPTIONS!**

**NOTE: ALL WARNING AND SCENE LIGHTS SHALL HAVE CHROME BEZELS AND CLEAR LENS.**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.13 Module ICC Lights

All module ICC marker lights to be LED lights.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

#### 4.14 Patient Compartment Dome Lights

All ceiling mounted lights in the patient compartment shall be replaced with new LED lights and action area lights shall be new LED. **NO EXCEPTIONS!**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

## Section 5: Module Exterior

### 5.1 Rear Bumper

Shall be all new flip-up bumper with bumper pods, and rubber pads.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.2 Module Rear Trim

All diamond plate on the rear of the ambulance shall be replaced with new.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.3 Module Front Trim

Diamond plate trim on front lower sections of module.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.4 Rub Rails

Module rub rails shall be new aluminum C Channel with Reflective Tape

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.5 Rear Wheel Well Fenderettes

Shall be replaced with new "RUBBER" Type

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.6 Module Doors

Module doors will be checked for ease of operation and effectiveness of closing the compartment or patient area off from outside elements. Doors that are balky in operation or allow outside elements to penetrate the compartment will be cause for rejection of completed unit. **All windows shall be fixed and resealed or replaced with new for proper operation. NO EXCEPTIONS**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.7 Door Latches, Locks & Mechanisms

All door latches, locks & mechanisms exteriorly and interiorly shall be replaced with new. **Documentation with photos of new mechanisms must be provided during assembly. NO EXCEPTIONS,**

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.8 Door Gaskets

All module patient and storage compartments shall have new hollow cell door gaskets installed.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.9 Compartments

The interior of each exterior compartment shall be lined with NEW Raptor Liner. The door panel shall be as well.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.10 Door Switches

Door ajar and light switches located within all exterior patient and storage compartment doors shall be replaced for 100% reliability.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.11 Panel Handle & Rotary Latches

Shall be new and tested to ensure proper operations

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 5.12 New Exterior Items to be included:

- a. Fuel Fill
- b. DEF Fill
- c. Rear Doors Cast Loop Door Holds
- d. Side Entry Door Hold
- e. Tag Bracket w/ LED Light
- f. All New Weather Strip on all Exterior Doors

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

## Section 6: Modular Interior

### 6.1 Patient Compartment Stability

All interior cabinets and attendant seating areas shall be inspected for stability and security. Any items found to be loose or unsafe are to be re-paired or re-placed.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 6.2 Interior Finish

All Formica finishes shall be in like new condition. Any rusty or broken screws, hinges, locks, handles, etc. shall be re-placed.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 6.3 Floor covering

Floor covering shall be a durable **new nonslip** covering that meets or exceeds current guidelines and regulations. Lonsseal, Lon Plate II – 424 TX. Two (2) new Aluminum Thresholds shall be installed. Thresholds shall new cover with Grip Tape.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 6.4 Cabinets

Cabinet shelving shall be checked for rattles and security. Any loose shelving is to be re-paired to as new condition.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 6.5 Upholstery

All upholstery and padded trim in patient compartment shall be new seamless material. New EVS child safety seat shall be installed on the existing box.

Does your bid comply? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 6.6 Seat Belts

All seat belts in the patient compartment shall meet or exceed current regulations and standards.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.7 Doors**

Patient compartment doors shall be checked for proper alignment and operation. Door latches shall be replaced with new ones. Door hold open devices shall be all new for proper operation.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.8 Stainless Steel Riser**

There shall be a "Riser" on the lower Left Wall to protect the wall from stretcher contact.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.9 Stretcher Mount**

There shall be a NEW Stryker Dual Position Cot Mount installed.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.10 Squad Bench NET**

There shall be a New, full width Cargo Net at the head of the Squad Bench.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.11 Plexiglas Cabinet Windows**

All Plexi shall be NEW. They shall include full height handles. The plexi shall be clear in color.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.12 ALS Cabinet Doors**

Two (2) New ½ inch Lexan Doors shall be installed. Each door shall include Southco Latches

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.13 Sanitation**

Entire patient compartment including ceiling, flooring, seating, and storage areas shall be thoroughly cleaned and sanitized. Any items mounted to the walls (suction, labels, control panels, clocks, vent covers, etc.) shall be removed cleaned and replaced. All exterior compartments shall be cleaned and sanitized.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.14 Inverter**

There be included a new Xantrex, 1000-watt inverter with Battery Charger

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.15 Digital Clock**

A new Digital clock shall be installed in the Rear Module Head Knocker

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

**6.16 Dome Lights**

All Interior Lighting shall be LED

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

## Section 7: Air Conditioning & Heat

### 7.1 Heat/AC Unit

A new combination heating and air conditioning unit utilizing an external condenser shall be installed. External condenser shall be mounted within existing brackets located on module front or in an equivalent location. All wiring and hoses running to this unit shall be replaced. Drain pan and drain lines shall be inspected for proper operation.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

### 7.2 Heat/AC Unit Testing

Unit shall be extensively tested for peak performance. Test results shall be provided to customer.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

### 7.3 Vent Covers

Air vent covers shall be replaced with new.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

### 7.4 Exhaust Fan

Patient compartment exhaust fan shall be checked for proper operation. Fan shall be re-paired or re-placed as necessary to ensure as new operation.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

## Section 8: Oxygen & Suction Systems

### 8.1 Oxygen System

A 5-hour leak test shall be performed using nitrogen. Any leaks found shall be repaired and reported to customer. Said system shall be retested and tagged for Certification.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

### 8.2 Suction System

The suction system shall be checked for proper operation and replace, or repair as needed.

Does your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

## Section 9: Clean & Detail

### 9.1 Client Inspection

At the time of acceptance by client, unit shall be clean and full of fuel.

Will your bid comply? \_\_\_\_\_Yes \_\_\_\_\_ No

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## Section 10: RFP Signature Validation Page

Print name of person completing RFP			
Title/Position		Email	
Sales Representative Name		Email	
Company Name			
Address	City	State	Zip Code
Telephone		Fax	
Website Address			

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 Signature of person completing RFP

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 Date Signed

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