



OSCEOLA COUNTY



EMERGENCY MEDICAL SERVICES DEPARTMENT

REQUEST FOR BIDS (RFB) FOR PURCHASE OF 2018 AMBULANCE CHASSIS WITH REMOUNT

June 5, 2018

Osceola County is actively accepting sealed bids on a new 2018 ambulance chassis with remounting of a current Osceola County ambulance module to the new ambulance chassis.

Sealed Proposals: Perspective bidders will deliver two copies (2), the original and one (1) copy, to the following address:

Osceola County Coordinators Office
301 West Upton Ave
Reed City, Michigan 49677

Due Date: July 9, 2018 at 2:00 p.m.

Proposals received after the above cited time will be considered a late proposal and are not acceptable unless waived by the County Coordinator.

- Please use an envelope clearly marked "RFB for 2018 Ambulance Chassis Purchase with remount"
- Please direct procedural questions regarding this RFB to Susan Vander Pol, County Coordinator at (231) 832-6196 or svanderpol@osceola-county.org
- Please direct technical questions regarding this RFB to Jeremy Beebe, EMS Director at (231) 832-6152 or jbeebe@oc-ems.com

Project Schedule:

Issuance of RFB- June 5, 2018
RFB Due to County- July 9, 2018
Selection of Winning Bidder- July 17, 2018
Expected Delivery of Completed Vehicle- October 26, 2018

Thank you for your interest.

**Osceola County Remount Specifications
June 5, 2018**

Current Chassis/Module

Road Rescue Model Ultramedic Unit #3557
Module currently on 2009 International 4300LP Chassis VIN #1HTMNAAM79H139070
Vehicle Approximate Mileage 278,000 Approximate Hours 10,850
Vehicle runs and is in drivable condition

Information

The following specification describes a new ambulance chassis to be mounted with a reconditioned mounted ambulance module already owned by Osceola County EMS. The specification details the needs of this department relevant to the chassis requirements and the modular body design. This department requires a state of the art vehicle with sophisticated electronics and a mechanical and structural design that eliminates the use of wood or other absorbent, degradable materials. Manufacturers, who utilize prototype equipment or manufacturing process that do not meet manufacturing criteria will not be considered.

The standard for the configuration and design of this ambulance shall meet the current KKK Federal Specification due to the requirements of this department. Manufacturers who are unwilling or unable to meet the requirements herein, will not be considered.

The purpose of these specifications is to provide a set of minimum general requirements and test parameters for the manufacture of an emergency medical care ambulance that meets the needs and desires of this agency. The bidder is responsible for understanding that this specification establishes the essential criteria for design, performance, equipment and appearance of the ambulance. While it is not the intent of this specification to preclude any qualified bidder, it must be clear that any bidder deviating in any substantial manner from these specifications will be rejected as non-compliant.

Does bid comply with specification as written? Yes No

This specification requires the manufacturer to provide a new, commercially produced, medical care vehicle chassis, and remount existing module with listed upgrades. This vehicle shall be manufactured in accordance with the ambulance design criteria of the National Highway Traffic Administration, U.S. Department of Transportation in Washington D.C and the GSA – Federal Ambulance Specification KKK-A-1822E. Documentation shall be submitted with the bid that validates the manufacturer's current and full compliance with KKK-A-1822E.

Does bid comply with specification as written? Yes No

The ambulance described herein shall be type and model tested to and in compliance with the National Truck Equipment Association's Ambulance Manufacturing Division, Standards 001 - 015. Certifications must be current to manufacturer's most recent manufacturing/engineering design criteria.

Does bid comply with specification as written? Yes No

It is the intent of these specifications that the manufacturer of this vehicle has the ability to manufacture a completed ambulance with the exception of the chassis, within their own manufacturing facility. The basic modular body must be removed and reconditioned and remounted in the manufacturer's facility and shall not be the product of a subcontractor or any company other than the manufacturer. Accessories such as light bars, sirens and other add on components are not considered as basic components of the modular body. The ambulance manufacturer must have significant experience in the construction of remounting modular ambulance bodies.

Does bid comply with specification as written? Yes No

This department requires that the manufacturer of the ambulance be a 100% American owned company. American owned defines the manufacturer as well as the majority equity owners of the manufacturer as US companies, individuals and/or stockholders.

Does bid comply with specification as written? Yes No

The ambulance and the allied equipment required by this specification shall be the manufacturer's current commercial ambulance model of the type and class specified. The ambulance shall be complete with the required options and accessories as specified herein. Items will be furnished with such modifications as may be necessary and specified to enable the ambulance to function reliably and efficiently in a strenuous, sustained operation. The design of the vehicle and the specified options shall permit accessibility for servicing, replacement and adjustment of components and accessories with minimum disturbance to other components and systems. The term "heavy-duty" as used, shall describe equipment or items that are in excess of the usual quality or capacity that is normally supplied with standard production vehicles or components.

Due to its inherent propensity to absorb and retain fluids that create unacceptably hazardous environmental conditions in the patient compartment there shall be no wood or wood byproducts used as fabrication materials in any component of this vehicle. There shall be no plastics or PVC type materials used in any structural fabrication process including cabinet, compartment or wall construction. The entire modular structure and all integral body parts and pieces shall be manufactured from aluminum.

Does bid comply with specification as written? Yes No

The bidder shall be obligated to provide an estimated delivery time from award of bid and a selection of flooring, upholstery and Scotchlite colors for the customer to make the appropriate selections. These color selections shall become a part of the customer's order and the bidders manufacturing document.

Does bid comply with specification as written? Yes No

This is an engineer, design, construct and delivery type specification and it is not the intention of this agency to write out vendors or manufacturers 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 be accepted providing the vendor provides documentation in the bid that the particular brand offered meets or exceeds the quality of the actual brand called for in the specification.

Does bid comply with specification as written? Yes No

Bidder must furnish all information as requested. Additionally the bidder shall supply at least one (1) complete set of drawings, descriptive literature and complete specifications covering the products offered. Bids not meeting this requirement will be rejected.

Does bid comply with specification as written? Yes No

All bid prices shall be complete and include warranty and delivery of the completed vehicle to the purchaser. Payment shall be made in accordance with the terms, and conditions of these specifications. Payment will be made upon delivery and acceptance of the vehicle(s) and equipment specified herein.

By submission of this signed bid response, the bidder certifies under penalty of perjury, that to the best of his/her knowledge that the pricing in this bid response has been prepared independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such pricing with any other bidder or competitor. The bidder also acknowledges that the pricing quoted has not been discussed with or disclosed by the bidder prior to the opening of the bid, either directly or indirectly.

Does bid comply with specification as written? Yes No

The bidder's proposal packet shall include a copy of the ambulance manufacturer's current insurance certificate. The manufacturer shall provide proof of at least 5 Million dollars of product liability insurance coverage.

Does bid comply with specification as written? Yes No

The bidder's proposal packet shall include copies of all warranties listed in these following detailed specifications. The minimum acceptable required warranties are: Conversion Warranty, Electrical Warranty, Modular Structural Warranty and Paint Warranty. The bidder shall include a copy of these warranties within the proposal package.

Does bid comply with specification as written? Yes No

Warranty

One Year / 12,000 Mile Remount Warranty Applies only to chassis conversion components and components replaced in module.

Three year electrical warranted added to cover the following:

- Main Wire Harness
- Switches
- Electro-luminescent backlighting
- Circuit Breakers
- Relays
- Volt/Ammeter
- Solenoids

Does bid comply with specification as written? Yes No

Two Year/50,000 mile paint warranty applies to the module and chassis covering loss of adhesion of the paint system on exterior painted surfaces of the module and chassis resulting from corrosion or any other paint process flaw.

Does bid comply with specification as written? Yes No

Chassis

This remount will be from a 2009 International 4300LP walk-thru chassis to a 2018 GM G4500 6.0 Liter V-8 gasoline chassis. Spare tire of new ambulance chassis to be shipped loose.

Does bid comply with specification as written? Yes No

Remount

Dismount/Inspection

Disconnect all mechanical, electrical, and medical systems between chassis and module. Lift module from chassis and position so as to allow full inspection of under structure.

Inspect all exposed structural framing, welds, tie down braces and gussets for cracks, warping, excessive wear and corrosion.

Minor damage shall be repaired under the original bid. Excessive undisclosed damage unknown by the successful bidder will be brought to the Customer's attention. The Customer will determine action to be taken.

Does bid comply with specification as written? Yes No

Mounting

Install ambulance body to the new chassis with manufacturer's recommended separator cushions and mounting bolts. When completed the ambulance body shall be in square with frame and cab. Tie down brackets shall be secured and torqued per the manufacturer's specifications. New mounting system will be 1/2" x 6" solid aluminum plank installed parallel to the chassis frame and welded to the underside of the body. The front panel will be professionally modified to fit the new GM G4500 chassis.

Does bid comply with specification as written? Yes No

Rear Bumper

Install new rear step bumper.

Does bid comply with specification as written? Yes No

Diamond Plate

Install all new stone guards, kick plate, and any exterior diamond plate.

Does bid comply with specification as written? Yes No

Exterior Doors

Replace all exterior door handles, striker bolts, weather stripping, and rotary latches in all doors, using new paddle handles. Door hardware to be Eberhard brand or approved brand by EMS Director.

Does bid comply with specification as written? Yes No

Replace drawer slides for battery drawer with new heavy duty slides.

Does bid comply with specification as written? Yes No

Install new black matting on bottom of exterior compartments and shelves.

Does bid comply with specification as written? Yes No

Electrical System

Cables

Install new cables as needed for all primary load carrying circuits. The cables shall be "0" gauge or larger and rated as welding cable. Copper lugs will be machine crimped. Weatherproof heat shrink material will be added to all cable ends. There will be a 200 amp fuse located next to the batteries and a 275 amp automatic battery switch located behind the driver's seat.

Zipper loom heat resistant harness material will cover all cables.

Components:

200 amp fuse

275 amp battery switch

Replace solenoid

Replace hall-effect cables

Install new 20 amp Kusmaul Auto-Eject Shoreline

Does bid comply with specification as written? Yes No

Wiring

The chassis will be rewired and upgraded to comply with current Federal specifications and chassis manufacturer's recommended guidelines as needed. All wires will be rated for 125% of the expected load and have heat resistant GXL rated or better insulation. This insulation will be color coded as to function. All wires will have circuit names stamped every 4" along the wire.

All ends will have insulated crimp on connectors. Splice connectors (barrel type) will only be used to connect a hardwired component to its circuit wire. Any wire connection exposed to weather will be weatherproof heat shrink insulation.

All wires will be run in zipper loom. This looming shall be heat resistant. All harnesses will be secured with metal straps and wire ties. Harnesses passing through metal barriers or over edges will have grommets or edge protection added.

All engine looms will be rerouted inside the cab to protect the loom and prevent heat damage from the chassis. "Scotch-lok" or non-crimping devices will not be used. A junction box will be added behind the driver's seat.

Connect automatic throttle under hood with 3 amp fuse.

Re-wire engine block heater into shoreline system if equipped.

Does bid comply with specification as written? Yes No

Reinstallation

All remaining electrical components not scheduled for replacement shall be cleaned and tested prior to reinstallation. Any component showing excessive wear or damage shall be brought to the Customer's attention. Customer will determine action to be taken.

Does bid comply with specification as written? Yes No

Warning Lights/Module Lights

Replace intersection lights on front corners, Whelen Super LED, 700 series w/flange

Replace front grill lights, Whelen Super LED, 700 series w/flange

Remove front and rear light bar

Install Whelen Super LED 900 series red w/flange, in the following locations;

Two (2) each side, streetside and curbside

Six (6) across the front of the body

Four (4) on the rear, two (2) upper rear corners, two (2) to replace the amber lights mid-way down on the rear

Install Whelen Super LED 900 series w/flange, white, center in the front, with three (3) each of the red on either side.

Install Whelen Super LED 700 series red w/flange, rear intersection lights

Install Whelen Super LED 700 series amber w/flange, rear of unit, center over the rear doors

Install Whelen LED load lights, 700 series, one each side of the center rear amber LED over rear doors

Install Whelen 900 series w/flange, LED load lights, three (3) per side, streetside and curbside

Install Whelen LED 600 series w/flange, arrow turns on front of body, below outermost red 900 series LEDs

Replace rear brake and taillight assembly (LED) with Whelen 600 Series

Replace reverse lights, Whelen 600 series, LED

Replace license plate light, LED

Install fifteen (15) Whelen rectangular LED interior dome lights in rear patient compartment, 10 to be white, 5 to be red, substitution acceptable if direct Whelen replacement not available

Install LED strip lighting, full length, on each side of all of the exterior door openings.

Does bid comply with specification as written? Yes No

Install Road Safety system using existing buttons and wiring, located in approved locations. Contractor to purchase any necessary equipment not present in module.

Does bid comply with specification as written? Yes No

Chassis and Cab

Console

Install a new console between the front seats against the engine cover. Siren head and meters will all be new. A new hour meter will be installed. Remove and reinstall existing two-way radios in new console. Two drink cup holders will be installed.

Does bid comply with specification as written? Yes No

Exhaust

Exhaust tail pipe will be extended, if needed, to prevent fumes from entering the patient compartment.

Does bid comply with specification as written? Yes No

Fuel tank

Modify fuel tank filler neck to fit module as needed. Install a new filler hose(s) and OEM plumbing. Install new fuel fill Cast opening.

Does bid comply with specification as written? Yes No

Reinstallation

All remaining components not scheduled for replacement on cab will be cleaned and inspected prior to reinstallation. All metal finish parts will be polished and buffed to a bright shine. All components will be installed/reinstalled with non-electrolytic gaskets or barriers and fastened with marine grade stainless steel screws or rivets.

Does bid comply with specification as written? Yes No

Cab Running Boards

Install new running boards w/7" grip strut inserts

Does bid comply with specification as written? Yes No

Siren

Install new siren, Whelen 295HFSC9 Dual tone.

Does bid comply with specification as written? Yes No

Siren Speakers

Install new Whelen composite speakers, two (2) 100 watt speakers are to be installed.

Does bid comply with specification as written? Yes No

Mirrors

Install Velvac 2020 Deluxe mirrors, heated/remote with turn signal light

Does bid comply with specification as written? Yes No

Suspension

Install front Timbren upgrade bump stops
Install Bilstein front shocks

Does bid comply with specification as written? Yes No

Front Bumper

Install AliArc aluminum front bumper/grille guard/lower rake ILO front bumper. Install emergency lighting from front grill on AliArc front bumper.

Does bid comply with specification as written? Yes No

Stainless Steel Simulators

Install new Phoenix stainless steel simulators

Does bid comply with specification as written? Yes No

Alternator

Confirm installation of minimum 220 amp alternator with ambulance prep package.

Does bid comply with specification as written? Yes No

Paint and Body

An Axalta polyurethane high solids catalyzed urethane with base coat/clear coat application standard will be used to paint the body and matching stripes on the cab (color and factory paint on chassis will determine single stage or base coat / clear coat application).

DOT lettering on hood: one 4" mirror image of letter (AMBULANCE or EMERGENCY) and two 4" star of life decals.

Existing fuel filler guard will be new. Perform necessary body panel alterations when switching from diesel to gas. Install new fuel fill as necessary.

Does bid comply with specification as written? Yes No

Rub Rails

Replace rub rails with new style Road Rescue rub rail, rear fender rings, as well as Cast aluminum connectors and end caps. Reflective stripe to be blue reflective to match Road Rescue Unit #3R4031.

Does bid comply with specification as written? Yes No

Stripes and Graphics

Paint stripes and graphics to match Osceola EMS Road Rescue unit #3R4031, including Chevrons on the rear to match.

Does bid comply with specification as written? Yes No

Module Interior

Heater-Air Conditioning Module

Inspect rear HVAC system. A diagnosis and evaluation will be completed before the remount project is initiated while system is still operative on old chassis. If system is inoperative, a course of action will be decided on by the customer and this agency. A 50% solution of antifreeze will be installed in the cooling system. R134A refrigerant will be added to the A/C system. Fluid pressure, electronic leak detection and temperature gauge testing will all be performed in accordance with Federal guidelines.

Replace thermostat in action area. Replace thermal expansion block valve.

Does bid comply with specification as written? Yes No

Remove under-body auxiliary A/C condenser, install new auxiliary Road Rescue Cool Bar on front of body, with the light configuration to be identical to Osceola County's Road Rescue Unit #3R4031. Install 650 CFM ProAir long life brushless blower for patient compartment climate control.

Does bid comply with specification as written? Yes No

Interior Flooring , Cot Holder and Cot

Install new Lonseal Lonplate flooring. Fill all holes in floor where cot plates were originally installed.

Install Stryker Power Load System and Stryker Power Pro XT ambulance cot. Power Pro XT to include the following options: XPS, dual 3 stage IV poles, Knee Gatch Mattress, J hook, dual wheel lock, and pocketed back rest pouch. Specs for PowerPro XT and Power Load System attached to document.

Does bid comply with specification as written? Yes No

Rear Attendant Seat and Seat Belts

New rear attendant seat w/child safety seat and 3 point harness.

Four (4) seats of three point safety harnesses, 3 sets to be installed on bench seat, one set to be installed on CPR seat.

Does bid comply with specification as written? Yes No

Vinyl Replacement

Replace all vinyl on trim, head pads, seat cushions, anything vinyl covered. Color to be blue to match Osceola County Road Rescue Unit #3R4031.

Does bid comply with specification as written? Yes No

Oxygen System

Inspect oxygen system for proper operations, pressure test. Notify Customer if any problems are found.

Does bid comply with specification as written? Yes No

Compressed Air System

Remove compressed air system, tank holder, hoses, and outlets. Cover any and all holes or cutouts to provide a finished look.

Does bid comply with specification as written? Yes No

ALS Cabinet

Install new ALS lock. To be RCI Lock to match current ambulance fleet. Install plexi glass doors on bottom half of ALS Cabinet.

Does bid comply with specification as written? Yes No

Laptop Drawer

Build and install laptop drawer, to have 110v outlet in the drawer to charge the laptop. To match drawer in Osceola County Road Rescue Unit #3R4031.

Does bid comply with specification as written? Yes No

Restocking Cabinets

Replace all gas piston hold opens on restocking cabinet faces. Replace all plexi-glass cabinet faces. Remove hand sanitizer dispenser in action area.

Does bid comply with specification as written? Yes No

Squad Bench/CPR Seat

Install new gas shocks on squad bench and CPR seat lids. Install oxygen tank holder under Squad Bench seat to hold 2 Jumbo D oxygen cylinders.

Does bid comply with specification as written? Yes No

Suction Pump

Install new suction pump for vacuum system.

Does bid comply with specification as written? Yes No

Inverter

Install new Vanner 1050 CUL inverter, same as is in the ambulance currently, returning old inverter to Osceola County EMS.

Does bid comply with specification as written? Yes No

Quality Assurance

All systems and functions will be inspected for quality and performance. The ambulance will be test driven for street and highway operation. Test fuel filler with a minimum of 25 gallons of fuel to assure unrestricted flow.

Does bid comply with specification as written? Yes No

Vehicle Cleaning

The module interior will be cleaned using appropriate cleaning agents. The exterior of the vehicle will be cleaned and prepped prior to delivery.

Does bid comply with specification as written? Yes No

Documentation

Touch-up paint and paint color codes shall be provided. Owner's manual with instruction for all needed equipment and warranty policies will be provided.

Does bid comply with specification as written? Yes No

Pickup and Delivery

Winning bidder will pick up ambulance to be remounted. Winning bidder will deliver completed unit within 100 days of bid award. Failure to meet this deadline will result in a penalty of \$100 per day for non-performance, which shall be deducted from the final price of the vehicle.

Does bid comply with specification as written? Yes No

Trade in Price Consideration

Provide for consideration a dollar value for the trade in of the 2009 International 4300LP chassis that the ambulance module is currently mounted in. This trade in value will be deducted from the total bid price.

Does bid comply with specification as written? Yes No

**BID SUBMISSION FORM
2018 AMBULANCE CHASSIS WITH REMOUNT**

The following bid is submitted to Osceola County for the remounting of a 2009 International 4300LP walk-thru chassis to a 2018 GM G4500 6.0 Liter V-8 Gasoline chassis. The vendor has reviewed the specification sheets and submits the following bid:

Chassis Cost _____

Preparation Cost _____

Remounting Cost _____

Trade In Allowance (deduct) _____

Bid Total _____

No vendor may withdraw a bid within 60 days of the bid due date.

Osceola County reserves the right to accept or reject any or all bids, in whole or in part, and to waive irregularities in any bid in the interest of the County.

Winning bidder will deliver completed unit within 100 days of bid award. Failure to meet this deadline will result in a penalty of \$100 per day for non-performance, which shall be deducted from the final price of the vehicle.

Company Name: _____

Contact Person: _____

Address: _____

Telephone: _____

Email Address: _____

Date: _____

Authorized Signature: _____



Sales Account Manager
 REBECCA MCKIM
 rebecca.mckim@stryker.com
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 Chicago, IL 60673-3308

End User Shipping Address

1094647
 OSCEOLA COUNTY EMS
 306 PATTERSON RD
 REED CITY, MI 49677

Shipping Address

1094647
 OSCEOLA COUNTY EMS
 306 PATTERSON RD
 REED CITY, MI 49677

Billing Address

1094647
 OSCEOLA COUNTY EMS
 306 PATTERSON RD
 REED CITY, MI 49677

Customer Contact	Ref Number	Date	PO Number	Reference Field	Quote Type
	6443786	04/02/2018	QUOTE		

Line #	Quantity	Item Description	Part #	Unit Price	Extended Price	Item Comments
1.00	1	Power-PRO XT	6506000000			
		Options				
	1	Power-PRO XT	6506000000	\$		
	1	XPS Option	6506040000			
	1	Power-LOAD Compatible Option	6506127000			
	1	Knee-Gatch/Trendelenburg	6500082000			
	1	Steer Lock Option	6506038000			
	1	3 Stage IV Pole PR Option	6500315000			
	1	Pocketed Back Rest Pouch	6500130000			
	1	Retractable Head Section O2	6085046000			
	1	Head End Storage Flat	6500128000			
	1	Equipment Hook	6500147000			
	1	Dual Wheel Lock	6086602010			
	1	PR Cot Retaining Post	6085033000			
	1	Power Pro Standard Components	6506026000			
	1	No Runner/HE O2	0054200994			
	1	ONE PER ORDER, MANUAL, ENG OPT	650606160000			
	1	120V AC SMRT Charging Kit	6500028000			
	1	J Hook	6092036018			
	1	XPS Knee Gatch Bolster Matrss	6500003130			
	1	3 YR X-Frame Powertrain Wrnty	7777881669			
	1	2 Yr Bumper to Bumper Warranty	7777881670			
	1	DOM SHIP (NOT HI, AK, PR, GM)	0054030000			
	1	X-RESTRAINT PACKAGE	6500001430			
	1	STANDARD FOWLER	6506012003			
2.00	1	PowerLOAD	6390000000			
		Options				
	1	PowerLOAD	6390000000			
	1	Standard Comp 6390 Power Load	6390026000			
	1	English Manual	6390600000			
	1	1 year parts, labor & travel	7777881660			
	1	NO FLOORPLATE OPTION	6390029000			
	1	ONE PER ORDER, MANUAL, ENG OPT	639000220000			