

**MONTCALM COUNTY**  
**OFFICE OF THE COUNTY CONTROLLER**

211 W. MAIN ST.  
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[www.montcalm.org](http://www.montcalm.org)

August 1, 2017

Dear Reader:

Montcalm County Emergency Medical Services, EMS, is currently seeking bids for the following; specifications are attached for each project:

- Replacement of two ambulances – One in 2018 and One in 2019 Replacement Specifications
- Remount of two ambulance – One in 2018, Alpha 10 and One in 2019 Alpha ? Remount Specifications

When bidding, please separate bids; do not lump them together. Specifications can be found at our website at [www.montcalm.us/government/board\\_of\\_commissioners/index.php](http://www.montcalm.us/government/board_of_commissioners/index.php).

Sealed bid proposals marked “**Emergency Medical Vehicle**” are due in the Office of the County Controller, 211 W. Main Street, PO Box 368, Stanton, MI, 48888, by 12:00 p.m. on Friday, September 15, 2017. Bids will be opened at 1:30 p.m. on the same day.

Montcalm County would also be interested in evaluating any new vehicle bids that you may wish to submit, as long as they are similar to the attached specifications.

Montcalm County reserves the right to accept and/or reject any and all bids.

If you have any questions, please call Supervisor Brandon Mulnix at 989-831-3536 or email at [bmulnix@montcalm.us](mailto:bmulnix@montcalm.us).

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*Bob Clingenpeel, Controller/Administrator*  
*Brenda A. Taeter, Chief Financial Officer*  
*Eric McLaughlin, Information Technology Director*

*Jennifer A. Williams, Personnel Officer*  
*Aaron M. Flowers, Finance Clerk*  
*Michelle R. Becker, Confidential Admin. Aide*

## Montcalm County EMS – 2018 Alpha 10 & 2019 Alpha ? Remount Specifications

Montcalm County remount specifications are designed to make our fleet as uniform as possible. The specifications are intended as a guide to produce a product that meets the expectations of Montcalm County Emergency Service (Buyer). Any up-fitter/remanufacture (Seller) that bids on these specifications must be able to provide proof that they are able to complete the project in a timely fashion as outlined in these documents. Failure to produce a product in a timely manner or outside the specifications without prior written approval will result in a monetary penalty with interest as detailed.

Upgrades or improvements to the specifications are considered modifications and must be agreed upon in writing by both the Buyer and Seller before they can be considered approved. Email correspondence is considered written communication and any correspondence must be attached to the final inspection sheet.

Timeline guidelines:

- o Due process for Bid approval process is based on requirements set by Montcalm County Officials.
- o Deposit from Buyer to Seller will cover cost of Chassis and 50% down on remaining balance of the remount cost as bid. I want to pay the invoice on the new chassis to the dealer not the seller!
- o Chassis will be ordered by Seller within 5 calendar days of receipt of down payment.
- o The original chassis will be delivered to the seller within 5 calendar days of the delivery of the new chassis.

Seller has 90 calendar days from when both the original and new chassis have been arrived at the seller. At that time the Seller will sign a contract stating they took delivery of both chassis and will be able to complete the remount as agreed upon. A penalty of \$250 per calendar day will be assessed starting at the 91<sup>st</sup> day and continuing until the Buyer signs for the delivery of a completed remount project that meets or exceeds the agreed upon documents and the seller provides the buyer with complete title and required state certifications for the vehicle.

Warranty

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

- (A) A Limited Warranty on the ambulance conversion: Forty-eight (48) months or 48,000 miles from date of remount delivery.
- (B) Paint: Seven (7) years from date of delivery
- (C) Electrical: Six (6) years or 72,000 miles from date of delivery.
- (D) Chassis: warranty on the chassis portion of the completed ambulance or rescue vehicle shall be the responsibility of the chassis manufacturer.

The manufacturer shall warrant to the original retail purchaser that, for the warranty period that the ambulance or rescue vehicle shall be free of substantial defects in materials and workmanship, which are attributable to Warrantor and which arise during the course of normal use and service. There shall be copies of the Warranty statements included with the bid documents.

Montcalm County EMS – Alpha 10 & ? Remount Specifications

Contact: Brandon Mulnix 616.318.9887 [bmulnix@co.montcalm.mi.us](mailto:bmulnix@co.montcalm.mi.us)

## Montcalm County EMS – 2018 Alpha 10 & 2019 Alpha ? Remount Specifications

### Original Chassis:

A10- 2011 Chevy Silverado – 1GB3C0CG8BF204451

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- o MCES will keep Original
- o Seller will take cot in trade and make an allowance in the bid.

New Chassis: Seller will provide with minimally the following options: (Alternative Chassis options will be considered as long Type 1 chassis. Including Diesel and/or 4500 series)

Vehicle:	Chevrolet Chassis Cab
Body Style:	CC36403 3500 Dual Rear Wheel
Drive Train:	Rear Wheel Drive
Model Number body code:	Regular Cab 162" wheel base
Gross Axle Weight:	Front- 6,000 lb. Rear 9750 lb.
Gross Vehicle Weight:	Rating- 13,200 lb.
Engine Type:	6.0 Liter GASOLINE V-8
Displacement	6.0 liters
Fuel System	Gasoline
SAE net HP	322 hp @ 4,400 RPM
SAE net Torque	380 lb-ft @ 4,200 RPM
Wheelbase:	162 inches
Transmission:	6 – speed Automatic, Electronic
Rear Axle Ratio:	3:73 Locking rear differential
Tire Size:	LT235/80R17E BSW All Season, 2 front, 4 rear
Spare Tire Size:	LT235/80R17E BSW All Season
Wheels	All including spare, steel 17"x 6"
Brakes:	Power assist 4 Wheel disc - ABS System
Powertrain Brake	Integrated with engine
Engine Block Heater:	Code K05 Standard
Alternator:	Single 160 amp
Batteries:	Dual, 750 CCA
Fuel Tanks:	Front and Rear, 63.5 Gallon,
Exterior Upgrade Package:	Silverado LT1
Interior Upgrade Package:	Silverado LT1
Front seats	40/20/40 bench seat, 10 way power on driver's seat, power on passenger seat if available.
Steering:	Power recirculating ball
Stereo:	Chevrolet MYLINK audio system 4.2" color screen AM/FM, USB, Aux Jack, SD Card slot, Blue tooth smartphone integrated Running Lights Day Running Lights, Code LM1

### Remount Details

#### Front of Truck:

- o Deer Guard – Ali Arc Bumper Deer Guard Combination
- o 2 Whelen 70RR5FRR - Red LED/Clear Whelen 500 series lights mounted on grill to be seen through deer guard
- o Wig Wags – White LED Headlight inserts wired for Wigwag flasher pattern- OFF in Secondary Light mode
- o Siren Speakers- (2) Whelen SA-314A speakers will be mounted behind grill with 12 inch service loop of wire
- o 2 Whelen 70RR5FRR - Red LED/Clear Whelen 700 Series lights with chrome flange mounted 2 inches from head lights on fenders. One on drives side and one on passenger side.
- o Chrome Wheel Simulators front and rear

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- Super-LED Spotlight with RED LED Flasher mounted Driver side A-Post. Place trim in place original handle mounting holes.
- Mud Flaps
- Second Battery, and second Alternator with minimum 210 Amps combined
- High Idle controls
- Luverne Running Boards Heavy Duty- 350 lb weight rating, approved by MCES

### Front of Box:

- (7) Whelen 90RR5FRR – Clear Lens Whelen with Chrome Flange – Red – White- Red – White- Red- White with white lights Off in Secondary Emergency mode
- (5) Led Marker Lights
- (2) LED 600 Whelen Turn Signals with Chrome Flange
- Replace Diamond Plate Stone Guard, and Corners with Diamond Plate

### Outside of Box-

- Replace Auto Eject 120V shoreline plug
- Fuel Splash guard- Stainless Steel
- Replace Chrome Vent Cover
- Black Rubber Trim around Rear Wheel
- Replace C-Channel around bottom of box with Skirt Rails- Extruded Aluminum channel with rubber insert. White Skirt Rail Reflective Tape.
- Chrome Drip rail
- Replace Emergency Lights with 90RR5FRR Red LED/White Lens with Chrome Flange
- Replace Scene Lights with Whelen 9SC0ENZR LED
- Replace Market lights with small LED lights

### Compartment- Driver's Side 1<sup>st</sup> (H Tank Compartment)

- Door Plate Inside with update Oxygen Testing Date
- Remount D Tank Holder
- Remount H Tank Holder
- Remount Oxygen regulator on wall
- Replace Shovel and broom clamps on inside of door
- Protect wires from electrical cabinet to Patient Compartment controls
- Clean Rubber matt
- Replace interior compartment lights with LED x 2
- Clean and polish diamond plate
- Door latch hardware replaced
- Door handles reused, clean and repair as needed.
- Replace door seal

### Driver's Side Middle Compartment

- Reuse Venner Lifestar Inverter with Battery Conditioner- on/off with Patient Compartment Inverter switch. Mount inverter to ceiling of compartment with control facing out.
- Repair wire mesh protecting electronic controls in compartment
- Clean Rubber matt
- Replace interior compartment lights with LED x 2
- Clean and polish diamond plate
- Door latch hardware replaced
- Door handles reused, clean and repair as needed.
- Replace door seal

### Rear Driver's Side Compartment

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## Montcalm County EMS – 2018 Alpha 10 & 2019 Alpha ? Remount Specifications

- Remount 10 Pound Extinguisher Bracket- Protection for different types of metals
- Install Bungee Cord hardware
- Replace interior compartment lights with LED
- Clean and polish diamond plate
- Door latch hardware replaced
- Door handles reused, clean and repair as needed.
- Replace door seal
- Clean Rubber matt

### Rear of Box

- Replace Rear Bumper – Rounded corner, Chrome flip up step
- Door latch hardware replaced
- Door handles (installed on Driver's side) replaced with Eberhard #21100 Series door locking on passenger side, non locking on Driver's side handle.
- Inside Door handle replaced
- Replace door seal
- Replace Brake, Turn Signal, and Backup Light with Whelen LED.
- Rear Scene lights should come on when rear doors open, when vehicle in reverse and also when "All Scene" light switched on.
- Light Pattern on Rear should be Red, Scene, Yellow, Scene, Red with two other Red lights below Red lights. The pattern should be in an X pattern with Yellow light double quick in the middle.
- Chrome Handrail cleaned
- Reuse inside door skin- Painted Flat Metal matching interior
- Bottom 9" of inside door is Stainless Steel with Latch access panel and reflector on bottom of door.
- License plate holder replaced in same location centered above bumper.
- Replace Road Safety Back Up button
- Replace Marker Lights with Red LED
- Replace and reseal rear windows metal frame, or replace window as a whole.
- Install See Thru II Air Foil- White

### Rear Passenger Compartment

- Door latch hardware replaced
- Door handles reused, clean and repair as needed.
- Replace door seal
- Reuse strap that holds backboard
- Clean Rubber matt
- Clean and polish diamond plate
- Replace interior compartment lights with LED

### Middle Passenger Compartment

- Door latch hardware replaced
- Door handles reused, clean and repair as needed.
- Replace door seal
- Replace Rubber matt
- Clean and polish diamond plate
- Replace interior compartment lights with LED

### Patient Compartment Entry Door

- Door latch hardware replaced
- Door handle replaced with Eberhard #21100 Series door locking handles.

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- Replace door seal
- Replace Rubber matt as needed
- Clean and polish diamond plate
- Reuse Inside door panel replaced with painted metal (same as back doors)
- Bottom 19" Diamond Plate with Access to latch.
- Replace door keeper shock
- Clean Polish Chrome Handel
- Replace and reseal window metal frame, or replace window as a whole.

### Front Passenger Compartment

- Door latch hardware replaced
- Door handles reused, clean and repair as needed.
- Replace door seal
- Clean and polish diamond plate
- Repair Key access to Medication Compartment
- Replace interior compartment lights with LED
- Clean or Repaint Cabinet to white

### Cab of Chassis

- Overhead Switches replaced with InPower 8 Switch VCMS with control box mounted in Electronics cabinet under motherboard. Primary/Secondary, Siren/Horn, Left Scene, Right Scene, Load, All Scene
- Reuse Remote Siren Control
- Mount APX6500Li Remote head on center of Dash above AM/FM Radio
- Replace Motorola Mic Clips on Dash, Mount one clip on drivers side of AM/FM radio for APX6500Li Mic, Mic clip needs to be grounded.
- Remount Painted Metal Computer console. Secure the mount under the rubber flooring and insulation directly to metal. Minimum 6 bolts, Locknuts and washers securing console. (2 on rear, 2 on each side along front). Console shall not move side to side/ or front to back. Console should be mounted as far forward and as low as possible. If Airbag module is in the way, Cutting a hole large enough for it to sit lower and forward is permissible.
- 2-12 Volt power circuits to console should include self resetting circuit breaker style fuses . Separate circuits for Computer, and 12 volt outlets, 12 Volt USB Outlets, and LED Map Light
- LED Map light is attached to console and will be replaced with like model from LittleLite Red/White LED
- 2- 5V USB Plugs (2.0 Amps/1 Amp) installed center of main upright below computer mount.
- Clean Havis Arm Rests
- Replace Cup Holders, Replace surface screws for access under cup holders (repainting the screws not required)
- Remount 110/120 Volt AC Plug installed in Electrical Box mounted on rear wall of Cab near floor. Wired to inverter.
- Remount Radio Speaker mounted under patient compartment opening
- Opening to Patient Compartment should be minimum opening of 12in x 12in. and finished on the interior with dark cabinet grade carpet.
- Replace Flash Light and Charger behind passenger seat with LED Stream light model 25212 (Orange with Charger), Wired to Electronics compartment with Fuse labeled. Mounted on wall between seats.
- Drivers seat and Passenger seat Electric adjustment with Lumbar support
- Road Safety reader installed per MCES approval
- New Cat5e Heavy Duty wire from modem in box to computer in computer mount.
- Digital Hour meter mounted on knee panel left side of steering wheel.
- No excess wire loops behind drivers seat.
- No looping of wire from Box through cab and back into box
- Road Safety Speaker mounted between seats near 800 mhz radio speaker

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### Patient Compartment

- Clean Counter top
- Reuse Ferno Lifepak 12/15 holder under cabinet 5
- Clean crash bar at end of Bench seat
- Replace white backsplash behind suction with stainless steel
- Remount Suction Ring and 1200cc Canister holder
- Remount APX6500Li 800 Mhz Radio Head, Mic, and Mic Clip- Grounded
- Remount CDM1250 VHF Radio Head, Mic, and Mic Clip- Grounded
- Replace Thermostat
- Reuse AM/FM Volume control for rear speakers, test rear speakers
- Replace Patient Attendant Light- Xantech 105-500
- Replace Pt compartment Lights with Whelen 80W00EZR model high/low, turn on with patient compartment side and rear door opening, timer.
- Clean/Repair white headliner
- Remount/Reuse ceiling IV holders
- Clean Chrome overhead Handle
- Test Vacuum system
- Alert Button to Driver Compartment
- Remount 800 Mhz Charger
- Install 15 Min timer for Overhead Lights
- Replace Clock on Rear wall with Battery Powered Clock

### Drug Cabinet

- Inspect/Repair IV Heater in base of Drug Cabinet.

### Heat/AC

- Replace Heater and A/C unit, plumbed with electronic shut off valves on incoming and outgoing lines.
- Replace Vent cover near floor.

### Cabinets 1, 2, 3, 4, 5, 6, 7, 8, Fold Out Sharps, CPR Seat, Under Captains Seat

- Replace shelf liner & Clean surface area

### CPR Seat, Captains Seat, Bench Seat, End of Bench wrap, Wall and overhead cabinet trim

- Recover with blue material,

### Bench seat

- Replace lift shocks
- Remount O2 Holder
- Repair, Clean Seatbelts

### Floor

- Replace floor with buyer approved flooring: Moonstone Fleckstone #157.
- Replace Stryker Cot Mount
- Replace Cot with Stryker Performance-Pro XT Cot (6086) with following options: XPS Side-rails and Mattress (6086-032-000), 2 Stage IV Pole – Patient Right (6500-210-000), Equipment Hook (6500-147-000), Retractable Head End Oxygen Bottle Holder Kit (6085-046-000), Pocketed Back Rest (6500-130-000), Head end Storage Flat (6085-035-000)

### Electronics Compartment

- Install LED switchable compartment light wired always hot
- Road Safety- Vendor will need to provide- RS-4103 Standard I/O Harness, RS-410 Power Harness, RS-3910 Seat belt Sensor, and RS-4902 Unsafe Reverse Spotter Switch Kit. The unit will need to be rewired by a certified Zoll Road safety installer or provide credit to have it installed by MCES Certified Installer.
- Clean, Secure, and Label all wires leaving electronics compartment, any dead end wires must be labeled or removed as applicable to remove any excess wires in compartment.

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- Replace GFI
- APX 6500Li & CDM1250 should be wired for 15 min timer after ignition turned off

### Roof

- Remove any Unused Antennas and fill holes in roof
- Reuse antennas used for 800 Mhz, VHF, Modem, and Road Safety Antennas should be accessible for maintenance, mounted no less than 18 inches apart

### Paint

- The ambulance shall be painted in accordance with KKK-A-1822E specifications for Preparation and Painting. The box will be sanded down and any scratches, screw holes, weld slag, unused antenna holes filled, and any other blemish will be repaired before paint is applied.
- Paint scheme shall be pre-approved by this service and must include White to match the chassis.
- The paint repairs completed under the remount specifications are to be free from material defects and will be warranted for the period of 7 years. The warranty applies to but is not limited to: cracking or checking, loss of gloss (caused by hazing, chalking, or fading), peel of the topcoat or all of the layers included in the process from the substrate, color change or refinish material, and blistering or corrosion caused by moisture.

### Graphics & lettering

- Graphic Allowance requested as details will be complete before arrival of chassis. Graphic allowance enough for complete wrap of box, lettering on cab doors.

Photos of equipment locations, graphics, paint scheme, or any specific detail needed to accurately quote the remount are available upon request.

### EXCEPTIONS

Exceptions shall be submitted as set forth of this document. This agency will accept proposals from any business entity proclaiming to manufacturer vehicle(s) to conform to this specification. Further, this agency will not deny the right of any manufacturer to present their product. However, it should be noted, that any primary manufacturer that does not take exceptions shall produce the vehicle exactly as described. Failure to produce said vehicle may be grounds for this agency to pursue a resolution of damages through civil and criminal court.