



## Technical Specification

Ambulance

1 Unit

S.N	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Hard Top, Right Hand Drive model with <b>Four Wheel Drive</b> , suitable for driving in Nepal. Gross Vehicle Weight of the vehicle shall not be less than <b>2500 KGs</b> and shall have seating capacity for at least <b>4 attendants</b> including patient and driver.	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine, developing <b>Maximum rated Power output not less than 60 HP at governed RPM</b> (engine fully equipped with accessories) <b>developing maximum torque not less than 110 Nm at the governed RPM</b> for efficient full load operation of vehicle at operating conditions, shall be equipped with cold starting device, direct electric starting system, heavy duty fuel filter.	Make: Model:
3	Gauges	To include speedometer, odometer, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, signals for 4 WD, door lock etc.	
4	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable <b>Standard as prescribed by Nepal Vehicle Mass Emission Standard which is to be certified by Department of Transport Management.</b>	
5	Clutch	Dry single plate.	
6	Transmission	Manual shift at least five forward and one reverse, floor mounted, 4WD engaged through control at driver seat.	
7	Ground clearance	High ground clearance preferred, <b>minimum 180 mm.</b>	
8	Turning Radius	Not more than 6 m.	
9	Suspension	Leaf springs / coil springs, torsion bar. Shock absorbers at front and rear.	

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10	Tires	Standard size, Road and cross country type.	
11	Steering	<b>Power assisted/Power Steering.</b>	
12	Brakes	Front disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
13	Cab	2 side doors and 1 back doors, all metallic cab with insulated roof, right hand drive, laminated glass windscreen, front windscreen washers and wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger, floor mats, two sun visors, and two side view mirrors. Anti-Skid floor for patient compartment.	
14	Chassis and frame	Steel, heavy duty, with tow-hooks in front and rear.	
	Essential Accessories	<ol style="list-style-type: none"> <li>1. Head light, tail and rear light, reversing light and turn signals.</li> <li>2. Cabin lights.</li> <li>3. Speedometer / odometer.</li> <li>4. Heavy duty front bumper.</li> <li>5. Spare wheel with tire and tube.</li> <li>6. Mechanical/Hydraulic jack with handle.</li> <li>7. Front seat belt for driver and Co-passenger.</li> <li>8. <b>First aid Box</b></li> <li>9. <b>Stretcher with mattress, Belts and Floor mount kit.</b></li> <li>10. <b>Siren, Revolving Light.</b></li> <li>11. <b>Oxygen Cylinder holder.</b></li> <li>12. <b>Saline Bottle holder.</b></li> <li>13. <b>Hand Wash Basin</b></li> </ol> <p><b>Equipped with all accessories offered in standard model but not limited to the above items.</b></p>	
16	Instructions	All signs and instructions in the vehicle shall be in English.	

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 Mechanical Engineer





17	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each vehicle.	
18	Tools	A set of tools as required for general maintenance shall be supplied.	
19	Color	Standard color.	
20	Proven performance	The vehicle offered shall be a current model under standard production by the manufacturer for <b>at least one year</b> .	
21	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance</b> .	
22	Initial Service	The supplier shall provide with the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been commissioned and accepted.	
23	Delivery	The <b>Ambulance</b> 1 unit shall be delivered to:  चन्द्रागिरी नगरपालिका,  बलम्बु, काठमाडौं,  प्रदेश नं. ३, नेपाल ।	

**Note:**

- a) The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offer.

*[Signature]*  
09-10-19  
Mechanical Engineer