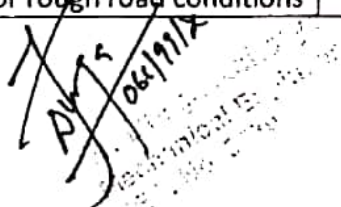


Technical Specification of 4WD Ambulance

S.N	Criteria	Requirement	Offered Specification
1.	General	Three Doors Right Hand Four Wheel Drive Ambulance suitable for hilly rough road driving in Nepal. Gross Vehicle Weight should not be less than 2500 kg and shall have seating capacity for at least 6 passengers including driver. Fuel tank capacity of minimum 60 liters.	Make : Model : Make :
2.	Engine	4-Stroke, water cooled Diesel Engine with Engine Capacity not less than 2500cc, developing Maximum rated power output not less than 60HP and maximum torque should not be less than 190 Nm@ rated rpm , shall equipped with accessories for efficient full load operation of SUV.	
3.	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by Nepal Vehicle Mass Emission Standard 2069 , which is to be certified by Department of Transport Management	
4.	Gauges	To include Speedometer, odometer, temperature, fuel gauges etc. as necessary for efficient operation and maintenance.	
5.	Clutch	Hydraulic/Single Dry Plate	
6.	Transmission	Manual shift at least five forward and one reverse	
7.	Turning Radius	Not more than 6m	
8.	Ground clearance	High ground clearance preferred, minimum 185 mm.	
9.	Suspension	Double wishbone/telescopic/shock absorber/Anti roll bar/stabilizer bar/hydraulic double acting/five link type suspension/MacPherson/Multi-link.	
10.	Tires	Standard radial size	
11.	Steering	Power assisted	
12.	Brakes	Front disc type, rear drum/disc type hydraulic operated on all wheels and parking brake.	
13.	Body/cab	Two side doors and one rear door for patient & attendant at the rear of the jeep. All metallic cab with insulated roof. Laminated / tinted glasses windscreen, front windscreen washers and wipers, comfortable and adjustable seats for driver and co-passengers. Two sun visors, rear view mirror and two side view mirrors.	
14.	Chassis and	Steel, heavy duty suitable for rough road conditions	



 Department of Transport Management

	frame	with towing hook	
15.	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light and turn signals 2. Cabin lights 3. Speedometer / odometer 4. Spare wheel with tire and tube/tubeless 5. Suitable jack with handle 6. Stretcher 7. Siren 8. Revolving Light 9. Oxygen Cylinder Holder 10. Saline Bottle Holder 11. Wash Basin 12. Revolving Fan <p>To be equipped with all accessories offered in standard model but not limited to the above items.</p>	
16.	Instructions	All signs instructions in the vehicle shall be in English.	
17.	Manuals	One copy of the Operator's and Owner's instructions manual in English shall be supplied.	
18.	Tools	A set of tools for general maintenance shall be supplied.	
19.	Color	Standard	
20.	Proven performance	<ol style="list-style-type: none"> 1. The Ambulance offered shall be a current model under standard production by the manufacturer. 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit. 	
21.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
22.	Delivery	Chishankhugadi Gaupalika, Okhaldhunga	
23.	Cost	Within Rs. 11,00,000/-(Including VAT)	

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 offered.


 Er. Durga Acharya
 Mechanical Engineer
 Reg. No. 3530