

Technical Specifications OF Ambulance

S.N.	Criteria	Requirement	Offered Specification
1	General	4WD Hard Top Jeep, Right Hand Drive model suitable for driving in Nepal. Gross Vehicle Weight of the Vehicle shall not be less than 2500 kgs and shall have seating capacity for atleast driver, passenger and patient.	Make: Model:
2	Engine	Diesel Engine, developing Maximum rated power output not less than 45 kw at governed RPM and Maximum torque not less than 110 NM at governed RPM, engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	
3	Emission Standard	The Emission Standard of the vehicle should comply with the latest "Vehicle Mass Emission Standard" of Nepal Which is to be certified by Department of Transport Mangement , Nepal	
4	Gauges	To include water temperature , fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Single Dry Plate	
6	Transmission	Manual shift at least 5 forward and one reverse , floor mounted engaged through control at driver seat.	
7	Ground clearance	High Ground clearance preferred. Minimum 160 mm.	
8	Suspension	Leaf springs / coil springs / torsion bar / shock absorbers at front and rear.	
9	Tyres	Standard Size	
10	Steering	Power Steering	
11	Brakes	Front ventilated Disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
12	Cab	2 side doors and 1 back door, all metallic cab with insulated roof, laminated glass windscreen, front washer and wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for drive and co- passenger. Sun visor, rear view mirror and two side view mirrors.	
13	Chassis and frame	Heavy duty with toe-hook in front and rear preferred.	

14	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. One Spare wheel with tyre and tube. 5. Suitable jack and handle. 6. Seat belt for driver and co-driver . 7. CD / MP 3 Player/Radio AM/FM 8. Front Seat Belt for driver and co-passenger 9. Stretcher ,Stethoscope,B.P.Set,Torch Light 10. Siren ,Tongue depressure,IV Drips, Ambu bag 11. Oxygen Cylinder holder ,Nebulizer,CPR Board 12. Saline Bottle holder ,Washing Equipment 13. Anti - Skid floor ,Oxygen Suply, Splints 14. ECG Monitor &Oxygen Monitor, Intubation set 15. Delivery sets,Foldable Trolly Stretcher 	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.	
17	Tools	A set of tools as required for general maintenance shall be supplied.	
18	Colour	Standard color	
19	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year.	
20	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
21	Basic Life Support Equipments	The ambulance must contain all basic life support equipments (Type B Ambulance) as prescribed by Ambulance Service Guideline 2078 (Health Ministry of Nepal)	
22	Delivery	The Hard Top Jeeps, shall be delivered to: Buddhiganga Rural Municipality Office Hatimudda ,Morang	