


Technical Specifications of Ambulance

Reqd. Qty: 1 unit

S.N.	Criteria	Requirement	Offered Specification
1	General	Hard Top Jeep type, Four wheel drive, Right Hand Drive model suitable for driving in Nepal. Gross Vehicle Weight of the Vehicle shall not be less than 2400 kgs and shall have seating capacity for atleast driver,passenger and patient.	Make: Model:
2	Engine	Diesel Engine, engine displacement not less than 1900 cc, developing Maximum rated power output not less than 60 HP at governed RPM and Maximum torque not less than 110 N-M 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 180 mm.	
8	Suspension	Leaf springs / coil springs / torsion bar / shock absorbers at front and rear.	
9	Tires	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.	


 Senior Divisional Engineer
 Mechanical