



## Technical Specification Of Ambulance

Required Quantity: 1 unit

S.N.	Criteria	Requirement	Offered Specification
1	General	Ambulance, Right Hand Drive model , Four Wheel Drive suitable for driving in Nepal. Gross Vehicle Weight of the Vehicle shall not be less than 2500 kgs and shall have seating capacity for at least driver,passenger and patient.	
2	Engine	Diesel Engine, developing Maximum rated power output not less than 50 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	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	4 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.	

*[Handwritten Signature]*

**Er. Babu Ram Kharel**  
Mechanical Engineer  
Regd. No. 866 Mechanical (A)

*[Handwritten Signature]*  
**Mohan Kumar Shrestha**  
Executive Officer