

Technical Specifications of Ambulance(Category -B)

S. No.	Criteria	Required Specification	Offered Specification
1.	General	Hard Top Jeep, 4WD, Right Hand Drive model suitable for driving in Nepal. Gross vehicle weight of the vehicle shall not less than 2400 Kgs and shall have seating capacity for at least driver, co-passenger and patient.Equipment make on 2026 A.D.	
2.	Engine	Diesel Engine, developing maximum rated power output not less than 60 BHP & maximum torque not less than 180 NM at governed RPM, Engine Displacement Not less than 2000 CC , 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",BS6 ,Euro 6 or equivalent of Nepal which is to be certified by Department of Transport Management Nepal.	
4.	Gauges	To include water temperature, fuel, oil pressure etc. as necessary for efficient operation and maintenance.	
5.	Clutch	Single Dry Plate	
6.	Transmission	Manual shift at 5 forward and one reverse, floor mounted engaged through control at driver seat.	
7.	Ground Clearance	Minimum 180 mm	
8.	Suspension	Leaf Springs/ coil springs/ torsion bar/ shock absorbers at front and rear or Equivalent	
9.	Tyres	Standard Size	
10.	Steering	Power Steering	
11.	Brakes	Disc type, rear disc/ drum type, hydraulic operated on all wheels, and parking brake dual circuit preferred or equivalent	
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 driver and co-passenger. Sun visor, rear view mirror and two side view mirror.	
13.	Chassis & Frame	Heavy duty metal frame	
14.	Essential Accessories	A. Head light, tail and rear light, reversing light and turn signals. B. Cabin Lights. C. Speedometer/ Odometer. D. One Spare wheel with tyre and tube. E. Suitable jack and handle. F. Seat belt for driver and co-driver.	

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		G. Flashing Light on top (As per Nepal Standard) H. Anti- Skid floor Equipped with all accessories offered in the standard model but not limited to the above items.	
15.	Emergency Equipment	A. Stethoscope B. B. P. Set C. Torch Light D. Tongue Depressure E. IV Drips F. Cannula and Syringes G. ECG Monitor and Oxygen Monitor H. Intubation Set I. Various Intubation Tubes and Laryngeal Tubes J. Nebulizer Set K. Ambu Bag L. Manual Suction Set M. Cervical Collars N. CPR Board O. Oxygen Supply P. Automated External Defibrillator (AED) Q. Delivery Sets R. Dressing Sets S. Splints T. Catheterizations Sets U. Haemostatic Sets	
16.	Others	A. Washing Equipment B. Foldable Trolley Cum Stretcher C. Saline Stand D. Siren E. A/C	
17.	Instructions	All signs and instructions in the vehicle shall be in English.	
18.	Manuals	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.	
19.	Tools	A set of tools as required for general maintenance shall be supplied.	
20.	Colour	Standard	
21.	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least five years.	



22.	Warranty	Manufacturer shall provide a minimum of One year or 20,000 kms which ever earlier after acceptance.	
23.	Delivery	The 1 Unit Ambulance(Category-B) shall be delivered to: Madhybindu Municipality,Chormara, Nawalpur	

Note:- The major items are indicated by bold and highlighted letters/alphabet/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid.

Er. Prem Prasad Sapkota.

Date:- 2083/04/22

NEC Regd No:- 2854

Mechanical engineer

Category -A

