



Technical Specifications of 4 WD "B" Type Ambulance

S. No	Criteria	Required Specification	Note
1.	General	4WD, Right Hand Drive suitable for driving in Nepal, Gross vehicle weight shall not be less than 2400 KGs and shall have seating capacity for at least driver, co-passenger, and patient. One Stretcher, at least one storage space for medicine.	
2.	Engine	Diesel Engine, developing maximum rated power output not less than 58 BHP and maximum torque not less than 170 NM at governed RPM, Engine displacement not less than 2400 CC , Engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	
3.	Wheel Base	Not more than 2800 mm	
4.	Overall Length	Not more than 4500 mm	
5.	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 the Department of Transport Management Nepal	
6.	Gauges	all the gauges, indicators, and signals necessary for efficient operation including (but not limited to) speedometer, odometer, water temperature, fuel, oil pressure, transmission gauge, etc. as necessary for efficient operation and maintenance.	
7.	Clutch	Single Dry Plate	
8.	Transmission	Manual shift at 5 Forward and 1 reverse , floor mounted engaged through control at the driver seat.	
9.	Ground Clearance	Minimum 165 mm	
10.	Suspension	Leaf Spring/Coil Spring/torsion bar/shock absorbers at front and rear	
11.	Tires	Standard Size	
12.	Steering	Power Steering	
13.	Brakes	Front ventilated disc type, rear disc/drum type, hydraulically operated on all wheels, and a dual parking brake dual circuit are preferred.	
14.	Cab/Body	a) All metallic cab, glass windscreen, washers and wipers, comfortable seat for driver and attendants b) two sun visors, rearview mirror, and two side view mirrors c) two side doors and a rear door for patients and attendants at the rear of the vehicle	


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21.	Color	Standard Ambulance color	
22.	Proven Performance	a) The vehicle offered shall be a current model under standard production by the manufacturer. b) The vehicle offered shall be of the current manufacturing year not less than 2024 .	
23.	Warranty	The manufacturer shall provide a minimum of one year or 20,000 km whichever is earlier after acceptance.	
24.	Delivery	Ambulance, 1 unit shall be delivered to: Bhimphedi Rural Municipality Office, Bhimphedi, Makawanpur, Bagmati Province, Nepal	
25.	Approximate Estimate	23,00,000.00 (Twenty Three Lakhs Only)	

Note:

The above rate includes clearing and forwarding charges including 1% custom duty and custom declaration fee.

Note:

The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specification. Non-compliance with these major items will result in non-responsiveness of the bid offered.



Handwritten signature and date: 20/09/2021

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