



Technical Specification

Ambulance Category 'B' Type

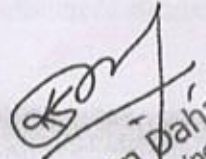
1 (One) Unit

S.N.	CRITERIA	OFFICE REQUIREMENT	OFFERED SPECIFICATION
1	General	Hard Top, Right Hand Drive model with Four Wheel Drive (4WD) , suitable for driving both in ON-ROAD condition giving smooth economical performance and in OFF-ROAD conditions capable of delivering strong adequate traction and maneuverability/stability needed for safe driving in rough, sandy or slippery and hilly road conditions in Nepal at an altitude up to 3000 meter and in ambient temperature between -5°C to 50°C. Gross Vehicle Weight of the vehicle not less than 2200 Kgs and shall have seating capacity for at least driver, patient and passenger.	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine , developing rated Power output not less than 60HP and Torque not less than 105 N-m at rated RPM with an efficient fuel injection system having precisely control air fuel ratio for high efficiency in response to all loads and operating conditions.	Make: Model:
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by Nepal Vehicle Mass Emission Standard which is to be certified by Department of Transport Management.	
4	Gauges	Fitted with all the gauges, indicators, and signals as necessary for efficient operation, functional monitoring, vehicle performance and maintenance.	

5	Transmission	Manual shift, at least five forward and one reverse, all forward synchromesh, 4WD engaged through control at driver.	
6	Ground clearance	Higher ground clearance preferred Minimum 160 mm.	
7	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. with coil spring, Leaf springs, Torsion bar and shock absorbers	
8	Tires	Standard Size.	
9	Steering	Power assisted/Power Steering	
10	Brakes	Front Disc type, rear Disc/Drum type, hydraulic operated on all wheels, and parking brake.	
11	Cab	At least 3 doors, all metallic cab with insulated roof, right hand drive, laminated/tinted glass windscreen, wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and passenger, floor mats, two sun visors, and two side view mirrors and rear view mirror. Rear body to be metallic, pickup type with drop type tail board.	
12	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions with towing hook at front.	
13	Accessories & equipment	1. Head light, tail and rear light, reversing light and turn signals. 2. Cabin lights. 3. Spare wheel with tire and tube. 4. Mechanical/Hydraulic jack with handle. 5. Front seat belt for driver and co-passenger. Equipped with all basic life support equipment "Type B Category Ambulance" as prescribed by Ambulance Service Guideline 2078 published by Health Ministry of Nepal.	

14	Instructions	All signs and instructions in the vehicle shall be in English.	
15	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with vehicle.	
16	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with unit.	
17	Color	Standard Color	
18	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
19	Delivery	The Ambulance Category 'B' Type, 1 unit, shall be delivered to: तुल्सीपुर उपमहानगरपालिका, नगर कार्यपालिकाको कार्यालय, तुल्सीपुर, दाङ	

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


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