


GHYANGLEKH RURAL MUNICIPALITY
OFFICE OF RURAL MUNICIPAL EXECUTIVE
Hayutar, Sindhulli

Technical Specifications of 4WD Ambulance

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENTS	OFFERED SPECIFICATION
1	General	The Ambulance shall be a right-hand drive model, featuring both two-wheel and four-wheel drive modes . The vehicle must be capable of handling rough, sandy, slippery, and hilly road conditions in Nepal, operating at altitudes of up to 2500 meters and in ambient temperatures ranging from -3°C to 50°C. The gross vehicle weight shall not be less than 2600 kg.	Make: Model: Country of Origin:
2	Engine	The vehicle shall be equipped with an engine of water-cooling system, developing a rated power output of not less than 60 BHP and a torque of not less than 180 Nm at rated RPM, with an engine displacement of range 2350 cc to 2700 cc.	Power: Displacement:
3	Emission Standard	The emission standard of the offered vehicle must comply with or be superior to the applicable standard prescribed by the Nepal Vehicle Mass Emission Standard 2069, and this compliance must be certified by the Department of Transport Management.	
4	Gauges	The vehicle shall be fitted with all the necessary gauges which include water temperature gauges, fuel gauges, and oil pressure gauges with all other standard items provided in the offered vehicle model.	
5	Transmission	The vehicle shall have a manual shift transmission with at least five forward gears and one reverse gear , all forward gears being synchromesh.	
6	Ground Clearance	The vehicle shall have a minimum ground clearance of 180 mm , with higher ground clearance preferred.	
7	Suspension	The front and rear suspension shall be of leaf spring/ coil springs/ torsion bar.	
8	Tyres	Standard Size	
9	Steering	Power assisted/Power Steering	
10	Brake	The vehicle shall have front disc-type brakes and rear drum-type brakes, all hydraulically operated, along with a parking brake.	
11	Clutch Type	Single Dry Plate	


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12	Wheelbase & Overall length	Not more than 3050mm and 5100mm, respectively.	
13	Fuel Tank Capacity	Not less than 55 Liters	
14	Cab/Body	The vehicle shall have a 2 side doors and 1 back door, all metallic with an insulated roof, right-hand drive, laminated glass windscreen, wipers, and glass windows on the doors. It shall feature thorough ventilation, comfortable and adjustable seats, two sun visors, two side view mirrors, and a rearview mirror.	
15	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions.	
16	Medical Accessories	<ul style="list-style-type: none"> • Stethoscope & BP apparatus • Torchlight & Tongue depressor • IV drips • Cannula and syringes • ECG monitor & Oxygen monitor • Intubation kit with various tubes • Laryngeal tubes • Nebulizer set & Manual suction set • Bag Valve Mask (BVM) • Cervical collars & Splints • CPR board & Oxygen supply system • Automated External Defibrillator • Delivery kits & Dressing kits • Catheterization sets & Hemostatic sets • Wheelchair and stretcher trolley • Siren system 	
17	Other Accessories	<ul style="list-style-type: none"> • Head light, tail and rear light, reversing light and turn signals • Cabin lights • Speedometer/Odometer • One spare wheel with tyre and tube • Suitable jack with handle • Seat belt for driver and co-passenger • Flashing light on top • Anti-skid floor <p>Equipped with all accessories offered in standard model but not limited to the above items.</p>	

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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.	
19	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied.	
20	Color	Standard Color	
21	Proven performance	1. The vehicle offered shall have proven performance and be a current model. 2. The bidder shall provide the manufacturer's data on the performance of the unit, including fuel consumption, and the performance of the engine.	
22	Warranty	The vehicle shall be warranted for at least 50,000km or a minimum of one year after acceptance.	
23	Initial Service	The supplier shall provide all the necessary filters for the first one service, after the vehicle has been commissioned and accepted.	
24	Delivery	The 4WD, RHD Ambulance, 1 unit, shall be delivered to: Ghyanglekh Rural Municipality Sindhuli, Nepal	

Note:

1. The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance with these major items will result in non-responsiveness of the bid offered.
2. The bidder shall submit a fully completed and signed tender form along with detailed technical specifications of the double-cab pickups being offered, including the brand, model, engine capacity, fuel type, and additional features. Additionally, the submission must include a clear and detailed price schedule outlining the cost per unit and any applicable taxes.
3. If the bidder is not the manufacturer, they must provide an authorization letter from the manufacturer permitting them to sell and supply the vehicles. Additionally, the bidder must submit proof of experience in supplying similar vehicles, such as copies of contracts or reference letters, to demonstrate their capability and reliability.


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