

Technical Specification for the procurement Ambulance in Roshi Gaunpalika

Required Quantity: 2 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	Minimum 2500 cubic capacity Diesel Engine, developing Maximum rated power output not less than 45 kw at governed RPM and Maximum torque not less than 10 NM at governed RPM, 4 cylinder 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	Speedometer, water temperature , fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Single Dry Plate/Hydraulic	
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	Fuel Tank Capacity	Minimum: 50 Ltrs with locakable fuel tank	
12	Brakes	Front ventilated Disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
13	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 drive and co- passenger. Sun visor, rear view mirror and two side view mirrors.	
14	Chassis and frame	Heavy duty with toe-hook in front and rear preferred.	

15	Essential accessories	<p>1. Head light, tail and rear light, reversing light, and turn signals.</p> <p>2. Cabin lights</p> <p>3. Speedometer / Odometer.</p> <p>4. One Spare wheel with tyre and tube.</p> <p>5. Suitable jack and handle.</p> <p>6. Seat belt for driver and co-driver .</p> <p>7. CD / MP 3 Player/Radio AM/FM</p> <p>8. Front Seat Belt for driver and co-passenger</p> <p>9. Stretcher</p> <p>10. Siren</p> <p>11. Oxygen Cylinder holder</p> <p>12. Saline Bottle holder</p> <p>13. Anti - Skid floor</p> <p>15. Lockable glove compartment</p> <p>16. First Aid Box</p> <p>Equipped with all accessories offered in the standard model but not limited to the above items.</p>	
16	Instructions	All signs and instructions in the vehicle shall be in English.	
17	Manuals	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.	
18	Tools	A set of tools as required for general maintenance with Jack shall be supplied.	
19	Colour	Standard color	
20	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year.	
21	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
22	Delivery	Ambulance 2 unit shall be delivered as per schedule to: Roshi Rural Municipality, Office of the Rural Executive, Kavreplanchowk	