

Technical Specifications of Ambulance - 1 Unit

| S.No. | Criteria | Required Specification | Offered Specification |
|-------|-------------------|--|---|
| 1 | General | Hard Top Jeep, 4 Wheel Drive, Right Hand Drive model suitable for driving in Nepal. Gross Vehicle weight should not be less than 2500 Kgs and shall have seating capacity for at least driver, passenger and patient. | Make: Model: Mfg. Year: |
| 2 | Engine | Diesel engine, developing maximum rated power output not less than 60 BHP at Governed RPM & Maximum torque not less than 110 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. | Make: Model: BHP: Torque: Displacement(cc): |
| 3 | Overall Length | Should not be more than 4500 mm | |
| 4 | 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 Management, Nepal. | |
| 5 | Gauges | To include water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance. | |
| 6 | Clutch | Single Dry Plate | |
| 7 | Transmission | Manual shift at least 5 forward and one reverse, floor mounted engaged through control at driver seat. | |
| 8 | Ground clearance | Should be minimum 160 mm | |
| 9 | Suspension | Leaf springs / coil spring / torsion bar / shock absorbers at front and rear | |
| 10 | Wheel and Tyres | Standard sizes | |
| 11 | Steering | Power Steering | |
| 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 driver and co-passenger. Sun visor, rear view | |

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| | | mirror and two side view mirrors. | |
| 14 | Chassis and frame | Heavy duty metal frame | |
| 15 | Fuel Tank | Minimum 60 ltr | |
| 16 | Essential Accessories | <p>A. Head light, tail and rear light, reversing light, and turn signals.</p> <p>B. Cabin lights</p> <p>C. Speedometer / Odometer</p> <p>D. One spare of wheel with tyre and tube</p> <p>E. Suitable jack and handle</p> <p>F. Seat belt for driver and co-driver</p> <p>G. Anti-Skid floor</p> <p>Equipped with all the accessories offered in the standard model but not limited to the above items.</p> | |
| 17 | Emergency Equipment and others | All of the medical equipment as per the ambulance service guideline 2078 (Health ministry of Nepal) | |
| 18 | Instructions | All signs and instructions in the vehicle shall be in English. | |
| 19 | Manuals | One Copy of the operator's and owner's instructions and maintenance manual in English shall be supplied with the vehicle. | |
| 20 | Tools | A set of tools as required for general maintenance shall be supplied. | |
| 21 | Colour | Standard | |
| 22 | Proven performance | The vehicle offered shall be under standard production by the manufacturer for at least one year. | |
| 23 | Warranty | Manufacturer shall provide a minimum of one – year warranty after acceptance. | |
| 24 | Delivery | The 1 unit of ambulance shall be delivered to Rautamai Rural Municipality office, bhutar, Udayapur. | |

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