


Section VI. Technical Specifications

Ambulance 4WD

S.N.	Criteria	Required Specification	Offered Specification
1	General	Hard Top Jeep, 4WD, Right Hand Drive model suitable for driving in Nepal. Gross vehicle weight of the vehicle shall not less than 2400 Kgs and shall have seating capacity for at least driver, co-passenger and patient.	
2	Engine	Diesel Engine, developing maximum rated power output not less than 60 BHP & maximum torque not less than 110 NM at governed RPM, Engine Displacement between 2400-2600 CC, Engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	
3	Wheel Base	Not more than 4500mm	
4	Overall Length	Not more than 2800mm	
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 Department of Transport Management Nepal.	
6	Gauges	To include 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 one reverse, floor mounted engaged through control at driver seat.	
9	Ground Clearance	Minimum 180 mm	
10	Suspension	Leaf Springs/coil springs/ torsion bar/ shock absorbers at front and rear.	
11	Tyres	Standard Size	
12	Steering	Power Steering	
13	Brakes	Front Ventilated Disc type, rear disc/ drum type, hydraulic operated on all wheels, and parking brake dual circuit preferred.	
14	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 mirror and two side view mirror.	

15	Chassis & Frame	Heavy duty metal frame	
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 wheel with tyre and tube.</p> <p>E. Suitable jack and handle.</p> <p>F. Seat belt for driver and co-driver. G. Flashing Light on top (As per Nepal Standard)</p> <p>H. Anti-Skid floor Equipped with all accessories offered in the standard model but not limited to the above items.</p>	
17	Emergency Equipment	<p>A. Stethoscope</p> <p>B. B. P. Set</p> <p>C. Torch Light</p> <p>D. Tongue Depressure</p> <p>E. IV Drips</p> <p>F. Cannula and Syringes</p> <p>G. ECG Monitor and Oxygen Monitor</p> <p>H. Intubation Set</p> <p>I. Various Intubation Tubes and Laryngeal Tubes</p> <p>J. Nebulizer Set</p> <p>K. Ambu Bag</p> <p>L. Manual Suction Set</p> <p>M. Cervical Collars</p> <p>N. CPR Board</p> <p>O. Oxygen Supply</p> <p>P. Automated External Defibrillator(AED)</p> <p>Q. Delivery Sets</p> <p>R. Dressing Sets</p> <p>S. Splints</p> <p>T. Catheterizations Sets</p> <p>U. Haemostatic Sets</p>	
18	Others	<p>A. Washing Equipment</p> <p>B. Foldable Trolley Cum Stretcher</p> <p>C. Saline Stand</p> <p>D. Siren</p>	
19	Instructions	All signs and instructions in the vehicle shall be in English.	

20	Manuals	One Copy of the Operator's and Owner's instructions and maintenance manual in English shall be supplied with the vehicle.	
21	Tools	A set of tools as required for general maintenance shall be supplied.	
22	Colour	2/3 Outer body portion yellow & remaining left/right green & red in Battenberg or chess board design	
23	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least five years.	
24	Warranty	Manufacturer shall provide a minimum of One year or 20,000 kms which ever earlier after acceptance.	
25	Delivery	The 1 Unit Ambulance shall be delivered to:	
26	Fule Tank	Min 60 liter	

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