

Technical Specification of 4WD Ambulance

S.No.	Criteria	Specification	Offered Specification
1	General	Hard Top Jeep, Right Hand Drive model suitable for normal and rough road condition of Nepal. Gross Vehicle Weight of the vehicle shall not be less than 2400 kg and Shall have seating capacity for at least driver, passenger and patient.	
2	Engine	4 cylinder diesel engine not less than 2500 CC Max power not less than 45 KW at governed RPM Max torque not less than 110 Nm at governed RPM Shall be fully equipped with accessories for efficient full load operation	Make: Model: Country of Origin:
3	Clutch and Transmission	Single plate dry friction type Manual shift at least 5 forward and 1 reverse, floor mounted engaged through control at driver seat.	
4	Steering	Power Steering	
5	Suspension	Leaf springs/coil springs/torsion bar/shock absorbers at front and rear	
6	Brake	Front : Disc Brake Rear : Drum/Disc Brake	
7	Tire	Type : Radial factory fitted tire	
8	Vehicle Dimension	Length : Not more than 4500 mm Wheel Base : Not more than 2800 mm	
9	Ground clearance	Minimum ground clearance 180 mm High ground clearance preferred	
10	Fuel tank Capacity	Not less than 50 L	
11	Gauges	To include water temperature, fuel, oil pressure, transmission gauge etc. necessary gauges for efficient operation and maintenance	
12	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.	
13	Essential Accessories	1. Head light, tail and rear light, reversing light and turn signals. 2. Cabin lights. 3. Speedometer / odometer. 4. Spare wheel with tyre and tube.	

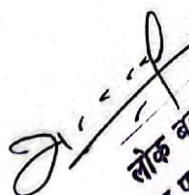

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		5. Suitable Jack with handle. 6. Seat belt for driver and co-driver. 7. Flashing light on top (As Per Nepal Standard) 8. Anti-Skid floor Equipped with all accessories offered in the standard model but not limited to the above items.	
14	Emergency Equipment	1. Stethoscope 2. Torch Light 3. ECG Monitor and Oxygen Monitor 4. Cannula and Syringes 5. Oxygen Supply 6. B.P. Set 7. Tongue DE pressure 8. IV Drips 9. Intubation Set 10. Various Intubation Tubes and Laryngeal Tubes 11. Nebulizer set 12. Ambu Bag 13. Manual Suction Set 14. CPR Board 15. Cervical Collars 16. Automated External Defibrillator(AED) 17. Delivery Sets 18. Dressing Sets 19. Splints 20. Haemostatic Sets 21. Catheterizations set	
15	Others	1. Washing Equipment 2. Wheelchair and Foldable Trolley Cum Stretcher 3. Saline Stand 4. Siren	
16	Manuals	Copy of the operator's/owner's instructions manual in English shall be supplied with the vehicle.	
17	Instructions	All signs and instructions in the vehicle shall be in English.	
18	Warranty	Manufacture shall be provide a minimum 1 year warranty after acceptance	
19	Tools	A set of tools as required for general maintenance shall be supplied	


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तुर्माखोद गाउँपालिका
गाउँ कार्यपालिकाको कार्यालय
तुर्माखोद, अछाम
सुदूरपश्चिम प्रदेश, नेपाल
२०७३

20	Emission Standard	The emission standard of the vehicle should be of Nepal mass emission standard-2069 which is to be certified by department of transport management, Nepal	
21	Proven Performance	The vehicle offered shall be a current model under standard production by the manufacturer. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
22	Delivery	The 2 unit vehicle shall be delivered to Turmakhad Rural Municipality, Turmakhad Achham.	

Note: - The major items are indicated by bold and highlighted letters/alphabets/figures in the Technical Specifications.


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