

Technical Specification for Hard Top 4WD Ambulance

Unit- 1

S.N.	CRITERIA	REQUIREMENTS	
1	General	Three door Right Hand Drive 4WD diesel engine Jeep Type Vehicle suitable to operate in rough and hilly road condition of Nepal with operating conditions and have seating capacity First Row 1+1 including driver, 1 patient (in lying condition) Attendant seat -3 persons.	Make Model Year
2	Engine	Four strokes, displacement of the engine 2500-2600 cc not less than, 45.0 KW@3100 rpm .	
3	Emission Standard	The Emission Standard of the Vehicle should be capable of meeting applicable Nepal Vehicle Mass emission standard which is to be certified by department of transport management, Nepal .	
4	Gauges	Speedometer, Water Temperature, Fuel, Oil Pressure etc. as necessary for the efficient operation and maintenance	
	Ground Clearance	Minimum 190mm	
5	Clutch	Dry, Single plate	
6	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh	
7	Tyre Size	Standard	
8	Suspension & Brakes	Suspension Front & Rear: Semi elliptical leaf springs, telescopic double acting Hydraulic Shock Absorber Brakes Front: Disc/Drum Brakes Rear: Disc/ Drum	
9	Steering	Power steering	
11	Fuel Tank Capacity	Min. 60 Ltrs	
12	Cab	2 side door and 1 back door, all metallic cab with insulated roof, laminated/tinted glass wind screen washers and wiper	
13	Chassis and Frame	Steel, heavy duty suitable for rough road conditions	

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14	Essential Accessories	The vehicle should be equipped with: <ul style="list-style-type: none"> • Foldable stretcher cum trolley • Standard wash basin • Oxygen Cylinder Holder • IV stand attached to stretcher • Revolving Light • 1 spare wheel • Siren holder. • Storage space for medicines 	
15	Instruction	All signs and instruction in the vehicle shall be in English	
16	Manuals	One copy of the operators and owners instruction maintenance manual in English	
17	Tools	A set of tools for general maintenance shall be supplied with a lockable tool box.	
18	Color	white color	
19	Warranty	One year warranty or 20,000 Kms.	
20	Delivery	The Hard Top 4WD Ambulance 1 unit shall be delivered to : Bandipur Rural Municipality. Bandipur, Tanahun.	

Note :

The major items are indicated by bold and highlighted letter alphabets figures in the technical specifications, Non-compliance of these major items will result in non-responsiveness of the bid offered.

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