

Technical Specification of Ambulance Category "C"

S.N	Parameters	Technical Specification	Remarks	
1	Engine	Engine Model	Minimum 4 Cylinder, Turbocharged, Diesel Engine.	
		Displacement	Minimum 2400 cc	
		Engine Power	Minimum 60 Bhp @ rated RPM.	
		Engine Torque	Minimum 180 Nm @ rated RPM.	
2	Emission Standard	Must meet Nepal Vehicle Mass Emission Standard.		
3	Transmission	4WD; At least 5 forward and 1 reverse, Manual.		
4	Steering	Power Steering.		
5	Tyre and size	Front: 2, Rear: 2, spare-1 (tyre and wheel)		
6	Ground Clearance (mm)	Minimum 180		
7	Gauges	Fitted with all the gauges, indicators and signals with all standard items.		
8	Seating capacity	Front 2 and rear 1 patient in sleeping position (minimum 6 ft) with 3 comfort seat for attendants.		
9	HVAC	Required.		
10	Body colour	Nepali Army Colour, Metallic Paint.		
11	Drive Side	Right Hand Drive.		
12	Tow Hook	Required		
13	Fuel Tank Capacity (L)	Minimum 50 Ltrs.		
14	Accessories	Blue light flashing Blinker with siren, Jack standard 5 ton, Wheel Wrench and Tire Lever, Fire Extinguisher (2 Kgs- 1 Nos), Tools Kit Standard complete set, seat belt for driver and co-driver.		
15	After sales service	Must have good service center in Nepal with trained man power, testing equipment and specific tools for repair and maintenance to cover warranty period, spare parts availability should be guaranteed.		
16	Manufacture Year	2020 Onwards.		
17	Workshop Repair Manual	Soft and hard copy -1/1 set		
18	Spare Parts Catalogue	Soft and hard copy -1/1 set		
19	Date of Manufacture of	Must be less than 6 months at the time of delivery inspeciton		
20	Date of Manufacture of	Must be less than 1 year at the time of delivey Inspection		
21	Warranty	Minimum 2 years/ provided by OEM whichever is greater		
22	Additional Requirement (if standard Ambulance is not available this modification is required)	Rear body Cargo should be modified as Ambulance		
		Modification should be done by Manufacturer as the standard of hardtop jeep of that company.		
		Supplier should give the assurance letter that modification is done in OEM company.		
		Intercommunication device between front and rear cabin.		
23	Medical Equipment (as per the ambulance service operation guidelines 2073)	Partition between front and rear cabin in accordance to ambulance standrad.		
		Must have atleast Common Life Support medical Equipment, category "C" (as per Annex " A") kept in the ambulance with appropriate arrangement..		

Common Life Support Medical Equipment- Category "C"

S.N	Medical Equipment	Unit	Quantity	Remarks
1	Medicines bag and basic first aid bag	Set	1	
2	Oxygen cylinder (D size Molybdneum)	Set	1	
3	Flow meter and mask	Set	1	
4	Provision of IV injection Stand/hook	Set	1	
5	Stethoscope	Pcs	1	
6	BP apparaus	Set	1	
7	Tourch light	Set	1	
8	Ambulance Stretcher	Pcs	1	

