



Technical Specifications of Ambulance

Offered Specifications

S.N.	Particulars	Requirements	
1	General	Van/Jeep, Right hand drive with 4X4 drive system. Suitable for operation under on road and general off road and also rough working conditions and adverse climatic condition at operating altitude of 2500 m and ambient temperature varying between -5 to 50 degree centigrade. Having kerb weight minimum 1700kg, Gross Vehicle weight should not be less than 2450kg, ground clearance should not be less than 180 mm. Seating Arrangement: Driver + 1 Medical personnel + 1 Patient + At least 3 attendants.	Make: Model: Mfg. Year:
2	Engine	4-Stroke, water cooled Diesel engine with developing Maximum rated power output not less than 45KW at governed RPM, Torque not less than 190 Nm, shall fully equipped with accessories for efficient full load operation of the vehicle at operating conditions.	Make: Model:
3	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard-2069, Which is to be certified by Department of Transport Management, Nepal	
5	Transmission	Manual shift at least 5 speed and one reverse. all synchromesh.	
6	Steering	Power assisted/Power Steering.	
7	Gauges	To include water temperature, speedometer, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
8	Ground Clearance	High Ground clearance preferred, minimum 180 mm.	
9	Suspension	Front:-coil springs or equally suitable type , Rear:- leaf spring or equally suitable type, shock absorbers: Hydraulic/telescopic type	
10	Clutch	Heavy Duty disc type.	
11	Tires	Standard Size, factory fitted tubeless.	
12	Starting	Self-starter	

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13	Brakes	Hydraulic brake on all wheels with mechanical parking brake Front: Disc Rear: Disc/Drum	
14	Cab	All steel cab with insulated roof; laminated glass windscreen, wipers, glass windows on doors, proper ventilated system, comfortable seats with separate adjustable seat for the driver and sun visor.	
15	Chassis and frame	Heavy duty type	
16	Essential accessories	<ol style="list-style-type: none">1. Head light, tail and rear light2. Turn signals3. Speedometer4. Two rear view mirror5. Safety lock for steering6. Heavy duty front bumper7. Spare Wheel with tire and tube8. Hydraulic jack with handle9. Revolving Light10. 3 Tone Siren, Amplifier and PA system. Equipped with all accessories offered in standard model but not limited to the above items	
17	Medical Equipment	Equipped with all the medical equipment offered in Category-B(Basic Life Support , BLS) Ambulance or more.	
18	Stickers/Logos	Affixed with Stickers, Logos and Writings as prescribed by "Guidelines for Integrated Ambulance and Pre-Hospital Service Operation-2077".	
19	Instructions	All signs and instructions in the vehicle shall be in English.	
20	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle	

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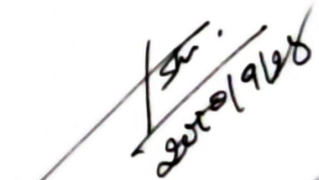
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Tools	A set of tools as required for general maintenance shall be supplied with	
Color	in a lockable tool box for each unit. Standard color	
Proven performance	The Ambulance vehicle offered shall be under standard production by the manufacturer and should be current model.	
Warranty	Manufacturer shall provide a minimum one year of warranty after acceptance.	
Delivery	The unit 1 ambulance shall be delivered to: <u>Baragadhi Rural Municipality</u> <u>Khopwa, Bara</u>	

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