

Technical Specification for 2WD Hardtop Jeep

S.N	Criteria	Requirement	Offered Specification
1.	General	Five Door, Right Hand Drive, Two Wheel drive jeep suitable to operate in rough and hilly road condition of Nepal. Gross Vehicle Weight (GVW) shall not be less than 2500 kg , and shall have total seating capacity for at least 7/8 persons including driver .	
2.	Engine	Four stroke, Four Cylinder. Water-cooled diesel engine. Engine volume 1900-2000 CC. Developing Max. Rated power output not less than 120Bhp and Torque not less than 280Nm at governed RPM.	
3.	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass Emission Standard 2069 which must be certified by Department of Transport Management, Nepal.	
4.	Gauges	To include Speedometer, odometer, temperature, fuel gauges etc. as necessary for efficient operation and maintenance.	
5.	Clutch	Dry Single Plate	
6.	Transmission	Manual shift at least five forward and one reverse, floor mounted.	
7.	Turning Radius	Not more than 6m	
8.	Ground clearance	Minimum 180mm	
9.	Suspension	Double wishbone/telescopic/shock absorber/Anti roll bar/stabilizer bar/hydraulic double acting/five link type suspension/Mac person/Multi-link.	
10.	Tires	Standard radial size	
11.	Steering	Power assisted	
12.	Brakes	Front disc type, rear drum type hydraulic operated on all wheels and parking brake.	
13.	Body/cab	Four side doors and one rear door for luggage compartment at the rear of the jeep. All metallic cab with insulated roof. Laminated / tinted glasses windscreen, front & rear windscreen washers and wipers, comfortable and adjustable seats for driver and co-passengers. Two sun visors, rear view mirror and two side view mirrors.	
14.	Chassis and frame	Steel, heavy duty suitable for rough road conditions with towing hook	
15.	Essential Accessories	<ol style="list-style-type: none"> 1. Led tail lamp and rear light and turn signals. 2. Cabin Lights. 3. Spare Wheels with tubeless tyre. 	

		4. Suitable Jack with handle. 5. Seats belts for Drivers, Co-passengers. 6. Power windows front and rear. 7. Central door locks. 8. ABS (Anti-lock braking system) 9. Airbag minimum driver & co-passenger.	
16.	Instructions	All signs instructions in the vehicle shall be in English.	
17.	Manuals	One copy of the Operator's and Owner's instructions manual in English shall be supplied.	
18.	Tools	A set of tools for general maintenance shall be supplied.	
19.	Color	Standard.	
20.	Proven performance	1. The Jeep offered shall be a current model under standard production by the manufacturer. 2. 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.	
21.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance	
22.	Delivery	As per terms and conditions.	