

Technical Specification for 4WD Hardtop Jeep

(Quantity: 1 unit)

S.N.	Criteria	Office's Requirements	Offered Specifications	Remarks
1.	General	Right Hand Four Wheel Drive hard top jeep type off road vehicle suitable to operate in rough and hilly road condition of Nepal. Gross Vehicle Weight (GVW) should not be less than 2500 Kg and shall have total seating capacity for at least 8 persons including driver.		
2.	Engine	Four Stroke. Four Cylinders. Water-cooled diesel Engine. Engine volume should not be less than 1950 cc. Developing 'Max. Rated power' not less than 85 KW at governed RPM and 'Max. Rated Torque' not less than 270 Nm at governed RPM.		
3.	Emission Standard	The Emission Standard of the vehicle should be capable of meeting with or superior than the applicable Nepal Vehicle Mass Emission Standard which must be certified by Department of Transport Management, Nepal.		
4.	Gauges	Speedometer, odometer, temperature, fuel oil pressure 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.		
7.	Turning Radius	Not more than 6 m.		
8.	Ground Clearance	Minimum 180 mm. High ground clearance preferred.		
9.	Suspension	Double wishbone/Torsion bar/ Telescopic shock absorber/Anti roll bar/stabilizer bar/hydraulic double acting/ five link type suspension/Mac person/ Multi – link coil spring/leaf spring.		
10.	Tyres	Standard radial size.		
11.	Steering	Power assisted		
12.	Brakes	Front disc type, rear drum/disc type hydraulic operated on all wheels and parking brake.		
13.	Body/Cab	Four side doors and one rear door for luggage compartment. All metallic cab with insulated roof. Laminated /tinted glasses windscreen. Front windscreen washers and wipers, comfortable and adjustable seats for driver and co-passenger. Two sun visors, dipping rear view mirror and two side view mirrors.		
14.	Chassis and frame	Steel, heavy duty suitable for rough road conditions with towing hook.		
15.	Fuel Tank Capacity	Minimum 60 Liters.		
16.	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light, front fog light and turn signals 2. Cabin lights 3. Spare wheels with tyre and tube 4. Suitable Jack with handle 5. Seats belts for Driver, Co-passenger 6. Music system, Radio, FM/CD/Aux/USB, Bluetooth 7. Heater 8. Air Conditioning system 9. Power window system 		