

Technical Specification of 4WD Hardtop Jeep

S.N	Criteria	Requirement	Offered Specification
1.	General	Five Doors Right Hand Four Wheel Drive Hard Top SUV suitable for hilly rough road driving in Nepal. Gross Vehicle Weight should not be less than 2500 kg and shall have seating capacity for at least 7 passengers including driver.	Make: Model:
2.	Engine	4-Stroke, water cooled Diesel Engine Volume not less than 1800cc, developing Maximum rated power output not less than 120 bhp and maximum torque should not be less than 250 N-m at governed RPM, shall fully equipped with accessories for efficient full load operation of SUV.	
3.	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by Nepal Vehicle Mass Emission Standard 2069(Euro-III), which is to be certified by Department of Transport Management	
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, all forward synchromesh suitable for comfort and safe driving.	
7.	Turning Radius	Not more than 6m	
8.	Ground clearance	High ground clearance preferred, minimum 180 mm.	
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 windscreen washers and wipers, comfortable and adjustable seats for driver and co-passengers. Two sun visors, rear view mirror and	

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. Head light, tail and rear light, reversing light and turn signals 2. Cabin lights 3. Speedometer / odometer 4. Spare wheel with tyre and tube 5. Suitable jack with handle 6. Air Conditioning System 7. Central Door Locking System 8. Air Bag Safety System 9. Power Window System (Front & Rear) <p>To be equipped with all accessories offered in standard model but not limited to the above items.</p>	
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	<ol style="list-style-type: none"> 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: Mukhiyapatti Musharniya Rural Municipality office Tulsivahiiabadi , Dhanusha	

Technical Specification of Tractor with Hydraulic Trailer

S.N.	Criteria	Requirement	Offered Specification
1	Engine	4 stroke,min.3 cylinder Diesel Engine	Make
2	Power	Not less than 50 HP	Model
3	Clutch	diaphragm cear metallic clutch/Dry type	
4	Transmission	Min. 8 Forward, 2 Reverse	
5	Ground Clearance	minimum 380 mm	
6	Rated rpm	min.2000	
7	Tires	Atleast size 6*16/13*28	
8	Brakes	suspended type/Oil Immersed Brakes	
10	Fuel tank	Minimum 50 liters.	
11	Steering	power steering	
12	Power take	independent PTO,540	
13	Hydraulic lifting capacity	minimum 1700 kg	
14	Tools	A set of tools required for general maintenace	
15	Colour	Standard color.	
16	Proven performance	The vehicle offered shall be under standard production by the manufacturer for at least one y	
Hydraulic Trailer Specification			
17	Trailer size	6feet x10 feet x2.5feet(3.5mm) SI-Seet	
18	Chassis	Made from 150X65 M.S. Channel section	
19	Hubs	2Pic Heavy Duty hub	
20	Tyre	min 2PC(9X20)	
21	Axle	3PC(75X75)	
22	Warranty	minimum of Two-year warranty after acceptance	
		Mukhiyapatti Musahrniya rural Municipality Office Tulsiwahibadi. Dhanusha	