

Technical Specification



Hard Top Jeep 4 WD SUV (1900 to 2200 CC)

S.No.	CRITERIA	BUYER'S REQUIREMENT	OFFERED SPECIFICATION
1	General	Five doors, Right hand drive with 4 Wheel drive hard top Jeep suitable for highly rough road driving in Nepal. Gross Vehicle Weight shall not be less than 2500 kg also shall have seating capacity at least 7 passengers including driver.	Make: Model: Country of origin:
2	Engine	4 cylinder, 4-stroke, water cooled, Diesel engine displacement 1900 to 2200 CC, developing Maximum rated power not less than 120 PS & Maximum torque not less than 250 N-M. at governed RPM, shall fully equipped with accessories for efficient full load operation of Jeep.	Make: Model:
3	Emission Standard	The Emission Standard of the vehicle must be in compliance with or superior than the applicable standard prescribed by Nepal vehicle Mass Emission Standard , which is to be certified by Department of Transport Management, Nepal.	
4	Gauges	To include speedometer, water temperature, fuel, oil pressure etc. as necessary for efficient operation and maintenance.	
5	Clutch	Single Plate/Dry-friction.	
6	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh.	
7	Ground Clearance	High ground clearance preferred, minimum 180mm	
8	Suspension	Leaf Spring/ coil spring/ torsion bar/ shock absorbers at front and rear.	
9	Tires	Standard size, Radical.	
10	Steering	Power Assisted/ Power Steering.	
11	Brakes	Front: Ventilated Disc Type. Rear: Disc/Drum Type.	
12	Cab	Four side and one back doors, all metallic cab with insulated roof, laminated/tinted glass windscreen, washers and wiper, glass windows on doors, right hand drive, comfortable and adjustable seats for driver and passengers, floor mats, two sun visor, rear view mirror & power/manual two side view mirror.	
13	Chassis and frame	Steel, heavy duty with tow hook.	

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14	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light and turn signals. 2. Cabin lights. 3. Odometer/speedometer. 4. Heavy duty front bumper. 5. One spare wheel with tyre and tube. 6. Hydraulic jack with handle. 7. Air bag for driver and co-driver 8. Seat belts for driver and co-driver. 9. Air conditioner with heater. 10. Power Windows (Front/Rear). 11. Centre locking. 12. ABS(Anti lock braking system) 	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each vehicle.	
17	Tools and Spare parts	A set of tools as required for general maintenance shall be supplied and spare parts at least two servicing.	
18	Color	Standard Color	
19	Proven performance	<ol style="list-style-type: none"> 1. The machine offered shall be a current model under standard production by the manufacturer for at least one year. 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. 	
20	Warranty	Manufacturer shall provide a minimum of one year warranty and at least two free servicing in a year after acceptance.	
21	Delivery	The JEEP, (4 WD) – one unit shall be delivered to: Ministry of Industry Tourism Forest and Environment, Bagamati Province, Hetauda.	

Note:

The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offered.

Bidder's Signature..... Date.....

Handwritten signature and date: 2072-9-7



Barun Kumar Sah
Mechanical Engineer
Heavy Equipment Division, Hetauda.

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