


Technical Specification of 4WD SUV Hardtop Jeep

S.N	Criteria	Requirement	Offered Specification
1.	General	Five doors, Right hand four wheels drive, Hard Top Jeep suitable for hilly rough road driving in Nepal. Gross Vehicle Weight should not be less than 2400 kg and shall have seating capacity for at least 7 passengers including driver.	Make: Model: Country of Origin: Year of MFG.:
2.	Engine	4-Stroke, water cooled Diesel Engine, developing Maximum rated power output not less than 110 BHP and maximum torque should not be less than 250 Nm at governed RPM, shall fully equipped with accessories for efficient full load operation of SUV.	Make: Model: Displacement: Power: Torque:
3.	Emission Standard	The emission standard of the offered vehicle must be in compliance with Nepal Vehicle Mass Emission Standard 2069, 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 efficient operation and maintenance.	
7.	Ground clearance	Minimum 180 mm, High ground clearance preferred.	
8.	Suspension	Double wishbone/telescopic/shock absorber/Anti roll bar/stabilizer bar/hydraulic double acting/five link type suspension/Mac person/Multi-link.	
9.	Steering	Power assisted steering	
10.	Brakes	Front disc type, rear disc/drum type	
11.	Tires	Standard radial tires	
12.	Body/cab	Four side doors and one rear door. All metallic cab with insulated roof. Laminated / tinted glasses windscreen, front windscreen washers and wipers, comfortable and adjustable	


Prashant Kumar Shrestha
Mechanical Engineer
NEC Regd. No.: "2313"

		seats for driver and co-passengers. Two sun visors, rear view mirror and two side view mirrors.	
13.	Chassis and frame	Steel, heavy duty suitable for rough road conditions with towing hook	
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. 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 for Driver and co-passenger. 9. Power Window System (Front & Rear) 10. ABS (Anti-lock braking system) <p>To be equipped with all accessories offered in standard model but not limited to the above items.</p>	
15.	Instructions	All signs instructions in the vehicle shall be in English.	
16.	Manuals	One copy of the Operator's and Owner's instructions manual in English shall be supplied.	
17.	Tools	A set of tools for general maintenance shall be supplied.	
18.	Color	standard	
19.	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. 	
20.	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance	
21.	Delivery	The SUV Hardtop Jeep shall be delivered to Turmakhad Rural Municipality, Achham.	

Note: The major items are indicated by Bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliances of these major items will result in no responsiveness of the bid.



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