

## Technical Specification for 4WD Jeep

Qty: 1 Unit

S. N.	CRITERIA	REQUIREMENTS	OFFERED SPECIFICATION
1	General	<b>Right Hand Drive 4WD diesel engine Jeep Type Vehicle</b> suitable to operate in rough and hilly road condition of Nepal with operating conditions .5 degree C to 50 degree C and altitude of 2000 m, <b>Maximum Gross Vehicle Weight (GVW) of the vehicle should not be less than 2000 kg</b> and shall have seating capacity for at least 7 passengers including driver.	Make: Model: Country of Origin:
2	Engine	<b>Four strokes diesel engine, Maximum power output not less than 45 Kw at rated rpm and torque not less than 185 N-m</b> (engine fully equipped with accessories) for efficient full load operation	Make: Model:
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable <b>Standard as prescribed by "Nepal Vehicle Mass Emission Standard" which is to be certified by Department of Transport Management.</b>	
4	Gauges	Speedometer, Water Temperature, Fuel, Oil Pressure etc. as necessary for the efficient operation and maintenance	
5	Clutch	Dry, Single plate	
6	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh	
7	Ground Clearance	Minimum 180 mm	
8	Tyre Size	Standard	
9	Suspension	Suspension Front & Rear: Semi elliptical leaf springs, telescopic double acting Hydraulic Shock Absorber or equivalent.	
10	Brakes	Brakes Front: Disc Brakes Rear: Drum	
11	Steering	Power steering	
12	Maximum Turning Radius	Not more than 6m	
13	Cab	4 side door and 1 back door, all metallic cab with insulated roof, laminated/tinted glass wind screen washers and wiper, comfortable and adjustable seats for driver and co-passenger, front and middle seat front facing and rear side facing seat, two sun visor, rear view mirror and two side view mirror	

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**Mechanical Engineer**

14	Chasis and Frame	Steel, heavy duty suitable for rough road conditions with two hook	
15	Essential Accessories	The vehicle should be equipped with: <ul style="list-style-type: none"> <li>• Head light tail and rear light, reversing light and turn signal</li> <li>• Cabin light</li> <li>• Odometer</li> <li>• 1 spare wheel with tyre and tube</li> <li>• Jack with handle</li> <li>• Mud guards</li> <li>• Seat belts for drive and co-driver</li> <li>• ORVM</li> </ul>	
16	Proven Performance	1.The equipment offered shall be a current model under standard production by the manufacturer for <b>at least one year</b>  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.	
17	Instruction	All signs and instruction in the vehicle shall be in English	
18	Manuals	One copy of the operators and owners instruction manual in English	
19	Tools	A set of tools for general maintenance shall be supplied	
20	Color	Standard	
21	Warranty	Manufacturer shall Provide a minimum one year warranty after acceptance.	
22	Delivery	One unit of 4WD Jeep shall be delivered to: <b>Dupheshwor Rural Municipality, Province No. 3, Nuwakot, Nepal.</b>	

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