

**Technical Specification for All Wheel Drive SUV**

S.N.	CRITERIA	Requirements	OFFERED SPECIFICATION
1	General	Five door Right Hand Drive diesel engine Jeep Type Vehicle 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>Gross Vehicle Weight (GVW) of the vehicle should not be less than 2400 kg</b> and shall have seating capacity for at least 7 passengers including driver	
2	Engine	Four strokes, displacement of the engine <b>2000 - 2200cc. power 140hp or above @ optimum rpm and minimum torque 325 Nm @ optimum rpm</b> , shall fully equipped with accessories for efficient full load operation	
3	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass emission standard, which is to be certified by Department of Transport Management, Nepal	
4	Gauges	Speedometer, Water Temperature, Fuel, Oil Pressure etc as necessary for the efficient operation and maintenance	
5	Clutch	Dry, Single plate	
6	<b>Transmission</b>	<b>6 Speed Manual all forward synchromesh</b>	
7	Tyre size	Radial, Tubeless	
8	Dimension and Weight	Length: Minimum 4500 mm Width: Minimum 1800 mm Height: Minimum 1700 mm Wheelbase: Minimum 2700 mm	
9	Suspension & Brakes	Suspension Front: Independent, McPherson type with anti roll bar Suspension Rear: Multilink type with anti roll bar Brakes Front & Rear : Disc	
10	Steering	Power and tiltable steering	
11	<b>Maximum turning radius</b>	<b>5.6 m</b>	
12	<b>Fuel tank capacity</b>	<b>Minimum 70 liters</b>	
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, all front facing seat, two sunvisor, rear view mirror and two side view mirror	
14	Chassis and frame	Steel, heavy duty suitable for rough road conditions with tow hook	

15	Essential Accessories	<p>The vehicle should be equipped with:</p> <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>● Mud guards</li> <li>● Seat belts for drive and co-driver</li> <li>● Fully Automatic Temperature Control</li> <li>● Power windows (front &amp; rear)</li> <li>● Centre locking</li> <li>● Power ORVMs</li> <li>● Touch Screen Infotainment Display with USB (Audio/Video)</li> <li>● Rain/Light Sensor</li> <li>● Audio/Cruise/Phone Control on Steering</li> <li>● Floor carpet</li> <li>● Dual Airbags</li> <li>● Side &amp; Curtain Airbags</li> <li>● ABS with EBD</li> <li>● Intellipark</li> <li>● Rear Wash &amp; Wipe</li> <li>● Rear Demister</li> <li>● Power Adjustable Driver's Seat</li> <li>● Push Button Start/Stop</li> </ul>	
16	Instruction	All signs and instruction in the vehicle shall be in English.	
17	Manuals	One copy of the operators and owner's instruction and maintenance manual in English.	
18	Tools	A set of tools for general maintenance shall be supplied	
	Color	Standard	
19	Warranty	Manufacturer shall provide a minimum 2 years or 50,000 Km, whichever is earlier, warranty	
20	Delivery	The Jeep shall be delivered to: Social Health Security Development Committee, Kathmandu.	