

## Technical Specifications:

### 4 WD Sport Utility Vehicles

S.N.	CRITERIA	MINIMUM 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, developing Maximum rated power output not less than 120 PS 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.	Make: Model:
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, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Single Dry Plate.	
6	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh suitable for comfort and safe driving.	
7	Ground clearance	High ground clearance preferred, minimum 180 mm.	
8	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. Front: Independent Double wishbone with coil spring and stabilizer, shock absorber. Rear: Multi- link Coil Spring and shock absorbers	
9	Wheels & Tires	Standard wheel with Tyre	
10	Steering	Power Steering/Power Assisted Steering	
11	Brakes	Front ventilated disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
12	Cab	4 doors and 1 back door, all metallic cab with insulated roof, laminated/tinted glass windscreen, washers and wipers, glass windows on doors, comfortable and adjustable seats for driver and passenger, floor mats, two sun visors, and rear view mirror, Side view mirror	
13	Chassis and frame	Steel, heavy duty, with toe-hook	

14	Essential Accessories	<ol style="list-style-type: none"> <li>1. Head light, tail and rear light, reversing light and turn signals</li> <li>2. Cabin lights, Fog lamps, ash tray</li> <li>3. Speedometer / odometer</li> <li>4. Spare wheel with tyre and tube</li> <li>5. Suitable jack with handle</li> <li>6. Air Conditioning System</li> <li>7. Keyless Entry System</li> <li>8. Audio System with Radio, FM, AM, USB, AUX</li> <li>9. Central Door Locking System</li> <li>10. Minimum front dual Air Bag Safety System</li> <li>11. Power Window System (Front&amp;Rear)</li> <li>12. Floor Mats</li> </ol> <p>To be equipped with all accessories offered in standard model but not limited to the above items.</p>	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One copy of the <b>Operator's and Owner's Instructions in English</b> shall be supplied with each vehicle.	
17	Tools	A set of tools as required for general maintenance shall be supplied.	
18	Color	Standard Color	
19	Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine	
20	Warranty	Manufacturer shall provide a <b>minimum of one-year warranty after acceptance.</b>	
21	Delivery	The hard top 4WD SUV shall be delivered to: "Ministry of Women, Children and Social Welfare, Kathmandu, Nepal"	

**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.