

# Technical Specifications

4WD SUV

1 Unit

	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	<p>Right Hand 4 wheel drive, SUV stability needed for safe driving in rough, sandy or slippery and hilly road conditions at an altitude up to 4000 meters and in ambient temperature between -15°C to 50°C. The total seating capacity of SUV should be at least 7 persons including driver.</p> <p>Gross Vehicle Weight of the vehicle shall not be less than 2450 kgs.</p>	<p>Make: Model: Country of Origin:</p>
2	Engine	<p>Water cooled, Turbocharged diesel Engine, displacement 1900-2200 CC. developing rated Power Output not less than 115hp and Torque not less than 250 N-m at governed RPM shall be fully equipped with all necessary items/accessories for efficient fully load operation of vehicle at operating conditions.</p>	<p>Make: Model:</p>
3	Emission Standard	<p>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 which is to be certified by Department of Transport Management.</p>	
4	Gauges	<p>To include Battery charge indicator, water temperature, fuel, oil pressure etc. with all standard items for efficient operation, functional monitoring, vehicle performance and maintenance.</p>	
5	Clutch	<p>Dry, Single Plate.</p>	
6	Transmission	<p>Manual shift, at least five Forward and one reverse, all forward synchromesh, floor mounted, 4WD engaged through control at driver.</p>	
7	Ground Clearance	<p>Minimum 175 mm. Wheel base min. 2640 mm. Higher ground clearance preferred</p>	
8	Suspension	<p>Suitable for toughest terrain, smooth ride, stable Handling and comfortable driving conditions.</p> <p>Front: Independent double wishbone with coil spring coil spring and stabilizer or double acting shock absorber</p> <p>Rear: Multi link type or Coil spring.</p>	<p><i>[Handwritten Signature]</i> 20/5/16/129 मन्त्रालय, काठमाडौं</p>



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9	Fuel tank capacity	Not less than 55 lts	
10	Tyres	Standard Size	
11	Steering	Power Steering	
12	Brake	Front Disc type, rear Disc/Drum type, hydraulic operated on all wheels, and parking brake.	
13	Cab	4 side doors and One rear door. All metallic cab with insulated roof, right hand drive, laminated glass windscreen wipers and washers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger. Front and middle seat front facing and the rear side facing or front facing seat, two sun visors, and two side view mirrors and rear view mirror.	
14	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions with hook at front and the rear.	
15	Essential Accessories	<p>The vehicle should be equipped with all accessories offered in standard model</p> <ol style="list-style-type: none"> <li>1 Head light, tail and light, reversing light and turn signals.</li> <li>2 Cabin lights.</li> <li>3 Speedometer/ odometer.</li> <li>4 Heavy duty front bumper.</li> <li>5 Spare wheel with tyre and tube</li> <li>6 Jack with handle</li> <li>7 Alloy Wheels</li> <li>8 Front seat belt for driver and co-passenger</li> <li>9 Front dual airbags system</li> <li>10 Heater ventilator and air conditioner</li> <li>11 Power Windows</li> <li>12 Central Door Locking System</li> <li>13 Audio system</li> <li>14 Fire Extinguisher</li> <li>15 ABS</li> <li>16 Seat Cover and Floor Mate 1 set</li> <li>17 First Aid Box with Essential Medicines.</li> </ol>	
16	Instructions	All signs and instructions in the vehicle shall be in English.	
17	Manuals	One copy of the Owner's Instruction book In English shall be supplied with vehicle.	



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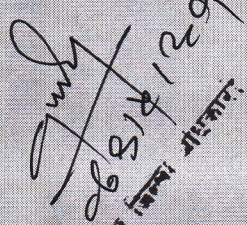

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 06/01/2019  
 नयाँ बजार, काठमाडौं



18	tools	A set of tools with tools bag as required for general maintenance shall be supplied with vehicle.	
19	Color	As per contact	
20	Proven Performance	1. the vehicle offered should be of current manufacturing year not less than 2022 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.	
21	Warranty	Manufacturer shall provide a <b>minimum of one year warranty after acceptance</b> or As per manufacturers standard whichever is greater.	
22	Delivery	4WD Hard Top Jeep 1 unit shall be delivered to : <b>District Administration Office, Dhunche, Rasuwa.</b>	

**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.

  
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 2081/1890  
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 नेपाल सरकार  
 सडक विभाग  
 यान्त्रिक कार्यालय  
 रसुवा

## Cost Estimate for 4WD SUV:

The major technical specification of 4WD SUV that is included to be purchased by District Administration Office , Rasuwa.,Nepal is as follows:

Type: 4WD SUV with 1900-2200 CC. engine

power: Minimum 115 hp

Torque: Minimum 250 Nm

Warranty: A minimum of one year warranty after acceptance or as per manufacturer's standard

S. N.	Qty.	Unit cost in Nrs (including customs duties, VAT, and other taxes.)	Total cost in Nrs (including customs duties, VAT, and other taxes.)	Remarks
4WD SUV min. 1900cc.	1	60,00,000.00	60,00,000.00	Estimated cost

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