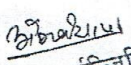
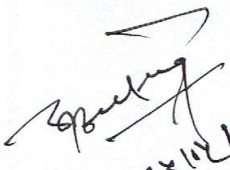


Technical Specifications for Two Wheel Drive Compact SUV

SN	Criteria	Requirements	Offered Specification
1	General	A Two Wheel Drive Compact SUV, Right Hand Drive model, suitable for driving both On and Off-Road conditions giving smooth economic performance, capable of delivering strong adequate traction and maneuverability/stability needed for safe driving in rough, sandy or slippery and hilly road conditions in Nepal with seating capacity for at least 5 Persons including Driver. Gross Vehicle Weight of the vehicle should not be less than 1650 Kg.	Make: Model:
2	Engine	Water cooled, four stroke, diesel engine with displacement not less than 1240 cc, developing rated Power output not less than 65 Kw and Torque not less than 195 N-m at rated RPM. Direct fuel injection system. The Engine shall be fully equipped with all necessary items/accessories and controlling devices for safe, smooth, efficient, economical operation with less emissions.	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 which is to be certified by Department of Transport Management.	
4	Gauges	Speedometer, Odometer, Fuel Indicator, Oil Pressure indicator, Battery discharging indicator, Temperature indicator, seat belt reminder indicator (but not limited to only these) and other necessary components for better feedback and efficient operation of the vehicle.	
5	Transmission	Manual shift, at least five forward and one reverse, floor mounted.	
6	Ground clearance	Minimum 195 mm. Higher ground clearance preferred	


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7	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. Front: Double wishbone (coil spring or, torsion bar) or, McPherson Strut with Coil spring Rear: Leaf springs or, multi-Link Suspension system and shock absorbers or Torsion Beam with Coil spring	
8	Tyre	Standard size	
9	Steering	Tilt-able Power assisted/ Electronic Power steering.	
10	Brakes (Hydraulically Operated)	Front Disc type Rear drum and/or, disc type, hydraulic operated on all wheels Parking brake (operated mechanically or, hydraulically).	
11	Cab	5 doors, 4 doors at front and one at rear side all metallic cab with insulated roof, right hand drive (RHD), laminated glass windscreen, wipers, glass windows on doors, through ventilation, comfortable and adjustable seat for driver and passenger, floor mats, two sun visors and two side view mirrors and rear view mirror.	
12	Fuel Tank	Minimum 45 liters capacity	
13	Color	Standard Color;	
14	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions.	
15	Essential Safety Features	A. Airbags (at least two, for driver and co-driver). B. Engine Immobilizer. C. Anti-lock Braking system. D. Electronic Brake-force Distribution (EBD). E. Seat belts (at least two, for driver and Co-passenger).	
16	Essential Accessories	A. Head light, tail and rear light, reverse lights, turn signals, fog lamps and cabin lights. B. MP3 playing audio system C. Cabin lights	

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		D. Air conditioning E. Spare wheel with tire and tube F. Screw Jack and Handle G. All power windows H. Central Locking I. Rear parking Sensor J. Alloy Wheels K. Rear Defogger L. Foot Steps Equipped with all accessories offered in standard model but not limited to the above items.	
17	Instructions	All signs and instruction in the vehicle shall be in English.	
18	Manuals	Following manuals/catalogue in English shall be supplied. a) The Operator's & Owner's Instruction and maintenance manual one for each vehicle. b) Spare Parts catalogue one copy.	
19	Tools	A set of tools, with a tool bag as required for general maintenance shall be supplied with each unit.	
20	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
21	Delivery	The two wheel Drive, Compact SUV 1 unit shall be delivered to: Tulsipur Sub-Metropolitan City office, Tulsipur Dang.	

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 offer.

Prepared By:

Signature: B. Thapa

Name: Om Bahadur Thapa

Designation: Mechanical Engineer

Office: Mechanical office, Dang

Approved By:

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