

## Technical Specifications

**Description:** 4 Wheel Drive Double Cab Pickup


**Quantity :** 1 unit

S.No	Criteria	Requirement	Offered Specification
1	General	Four Door ,Right Hand Drive diesel engine <b>4WD</b> Double Cab pickup suitable for driving both in ON ROAD conditions providing smooth economic performance and in OFF-ROAD conditions capable of delivering strong adequate traction and stability needed for safe driving in rough and hilly road conditions in Nepal at an altitude upto 2000 meter and in ambient temperature between -5 to 50 degree centigrade. <b>Gross Vehicle Weight(GVW) of the vehicle shall not be less than 2700 kg and shall have seating capacity for 5 passengers including driver.</b>	<b>Make:</b> <b>Model:</b>
2	Engine	4-stroke, 4 cylinder ( <b>more than 2100cc</b> ) water cooled diesel engine, <b>developing Maximum Rated Power output not less than 45 KW and Maximum Torque should not be less than 190 Nm at governed rpm</b> engine fully equipped with accessories for efficient full load operation of 4WD Pickup at operating conditions, cold starting device, direct electric starting system, heavy duty fuel filter.	<b>Make:</b> <b>Model:</b>
3	Gauges	To include ammeter, water temperature, fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance. signals for 4WD, door lock signals etc.	
4	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 2069, which is to be certified by Department of Transport Management.</b>	
5	Clutch	<b>Single plate, Dry Friction</b>	
6	Transmission	<b>Mechanical Five forward speed and</b>	

  
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		<b>one reverse</b> , all forward synchromesh, <b>4WD</b> engaged through control at driver seat.	
7	Ground clearance	High ground clearance preferred <b>.minimum 210 mm.</b>	
8	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. <b>Hydraulic Double Acting type Telescopic Shock Absorber</b> Front: <b>Rigid axle with leaf spring</b> Rear: <b>Rigid axle with leaf spring</b>	
9	Turning Radius	Maximum Turning Radius <b>not more than 7 m.</b>	
10	Wheels and Tires	Standard type Road and cross country type <b>Wheel Base:Not less than 3000 mm</b>	
11	Steering	<b>Power assisted/Power steering</b>	
12	Brakes	Front: <b>Ventilated disc type</b> Rear: <b>Disc/Drum type</b> Hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
13	Cab	4 side door, all metallic cab with insulated roof, right hand drive, laminated glass windscreen, washers and wipers, glass window on doors, through ventilation, comfortable and adjustable seats for driver and co-passenger. Floor mats, two sun visors, and two side view mirrors. Rear Body to be metallic, pickup type with drop type tail board.	
14	Chasis and frame	Steel, heavy duty, with toe-hooks in front and rear.	
15	Cargo Box Dimensions(L* W*H)	Not less than <b>1450*1500*550</b>	
16	Pay Load	Not less than <b>900 kg.</b>	
17	Fuel Tank	Not less than <b>55 Liters.</b>	
18	Essential Accessories	1.Head light, tail and rear light, reversing light and turn signals. 2.Cabin lights 3.Speedometer/odometer 4.Spare wheel with tire 5.Suitable jack with handle 6.Front seat belt for driver and co-	

  
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		<p>passenger with information on dashboard.</p> <p>7. Audio system with SUB, AUX, Radio FM, AM others.</p> <p>8. Rubber mats.</p> <p>9. Side steps.</p> <p>10. 12V charging sockets.</p> <p><b>To be equipped with all accessories offered in standard model but not limited to the above items.</b></p>	
19	Instructions	All signs and instructions in the vehicle shall be in English.	
20	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each vehicle.	
21	Tools	A set of tools as required for general maintenance shall be supplied.	
22	Color	Standard color.	
23	Proven Performance	<p>1. The machine offered shall be a current (latest) model under standard production by the manufacturer for at least one year.</p> <p>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.</p>	
24	Warranty	Manufacturer shall provide a minimum of one-year warranty after acceptance.	
25	Delivery	The 4 wheel Drive Double Cab Pickup-1 unit and its spare parts shall be delivered to: <b>Modi Rural Municipality, Patichaur, Parbat.</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 offered.

Prepared By: *[Signature]*  
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