

Technical Specifications:

Double Cab Pick-Up 4 WD/AWD

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Double cab Pick Up , Right Hand Drive model with Two and Four wheel drive , suitable for driving both in On-Road condition giving smooth economical performance and in Off- Road conditions capable of delivering strong adequate traction and maneuverability / stability needed for safe driving in rough, sandy or slippery and hilly road conditions in Nepal at an altitude upto 3000 meter .	Make: Model:
2	Engine	(2000 – 3000) cc ,4-Stroke ,4 cylinder, water cooled Diesel Engine , developing Maximum rated power output not less than 80 Kw and maximum torque should not be less than 250 N-m at governed RPM, shall fully equipped with accessories for efficient full load operation .	
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 or suitable for Automatic Transmission.	
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 200 mm.	
8	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions.	
9	Tires	Standard size, Radial Tubeless	
11	Brakes	Front disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake, dual circuit preferred.	
12	Cab	4 doors, 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 high rigidity frame structure suitable for rough road conditions , with toe-hook at front.	



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14	Essential Accessories	<p>1. Head light, tail and rear light, reversing light and turn signals</p> <p>2. Cabin lights, Fog lamps, ash tray</p> <p>3. Speedometer / odometer</p> <p>4. Heavy duty front bumper</p> <p>5. Spare wheel with tyre and tube</p> <p>6. Suitable jack with handle</p> <p>7. Front seat belt for driver and Co-passenger</p> <p>8. Heating, Ventilation and AC, Dual Airbag. With Antilock Braking Syastem.</p> <p>9. Central Door Locking System, Power windows.</p> <p>10. Audio System: AM/FM, Radiowith CD/DVD/MP3 / USB Drive Player.</p> <p>Equipped with all accessories offered in standard model but not limited to the above items. The accessories / features supplied with the vehicale shall be as per manufacturer's standard.</p>	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One copy of the Operator's and Owner's Instructions in English 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 minimum of one-year warranty after acceptance.	
21	Initial Service	The supplier shall provide the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been accepted.	
22	Delivery	The Double Cab Pick Up RHD, 4WD/AWD One units shall be delivered to: "Office of Rural Municipality, Bakaya, Makwanpur, 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.

Bidder's Signature..... Date.....



Mechanical Engineer
Barun Kumar Sah
Heavy Equipment Division, Hetauda

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