

Technical Specification of 4WD Pick Up

S.N.	Criteria	Requirement	Offered Specification
1	General	Double Cab Pick Up, Right Hand Drive model with four wheel drive suitable for driving in Nepal at an altitude upto 2500 meter and in ambient temperature - 5 to 50 degree centigrade. Gross Vehicle Weight of the Vehicle shall not be less than 2800 kg. Payload not less than 900 kg and shall have seating capacity for at least 5 Persons including driver.	Make: Model: Country of Origin:
2	Engine	Turbocharged intercooled diesel Engine, Engine developing Maximum rated power output not less than 130 HP at governed RPM with torque min. 300 NM @ governed RPM, engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions, cold starting device, heavy duty fuel filter.	
3	Emission Standard	The Emission Standard of the vehicle should be "Vehicle Mass Emission Standard" of Nepal Which is to be certified by Department of Transport Mangement , Nepal	
4	Gauges	To include water temperature , fuel, oil pressure, transmission gauge etc. as necessary for efficient operation and maintenance, signal for 4 WD.etc	
5	Clutch	Single Plate Dry friction Diaphragm type	
6	Transmission	Manual shift at least 5 forward and one reverse , Synchronesh on all gears	
7	Ground clearance	High Ground clearance preferred. Minimum 210 mm.	
8	Suspension	Leaf springs / coil springs / torsion bar / shock absorbers at front and rear.	
9	Fuel Tank	Not less than 70 lts	
10	Steering	Power Steering	
11	Brakes	Front ventilated Disc type, rear disc / drum type, hydraulic operated on all wheels, and parking brake.	



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12	Cab	4 side doors , all metallic cab with insulated roof, laminated glass windscreen, front and rear washer and wipers, glass windows on doors, through ventilation, comfortable seats for driver and co- passenger. Floor mats, two sun visors, Electric rear view mirror and two side view mirrors.	
13	Chassis and frame	Steel, heavy duty suitable for rough road conditions with toe-hook	
14	Essential accessories	1. Head light, tail and rear light, reversing light, and turn signals. 2. Cabin lights, ash tray 3. Speedometer / Odometer. 4. One Spare wheel with tyre and tube. 5. jack and handle. 6. Seat belt for driver and co-driver . 7.AC & Heater 8.Central Lock & CD/Mp3 Player 9.Power windows (Front & Rear) 10.Defogger 11.ABS 12.Air bag 13.Allow Wheel	
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 and maintenance manual in English shall be supplied with the vehicle.	
17	Tools	A set of tools as required for general maintenance shall be supplied.	
18	Colour	Standard color(Silver)	
19	Proven Performance	The vehicle offered shall be under standard production by the manufacturer for at least one year with performance and Fuel consumption curve.	
20	Warranty	Manufacturer shall provide a minimum of One-year warranty after acceptance.	
21	Delivery	Double cab pick-up, shall be delivered to: Chhinnmasta Rural Municipality Office Saptari	
22	MRP	5000000 With vat	



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Technical Specification of Tractor with Hydraulic Trailer

S.N.	Criteria	Requirement	Offered Specification
1	Engine	4 stroke, min. 4 cylinder Diesel Engine	
2	Power	Not less than 45HP	
3	Clutch	diaphragm gear metallic clutch/Dry type	
4	Transmission	Min. 8 Forward, 2 Reverse	
5	Ground Clearance	minimum 270 mm	
6	Rated rpm	min. 1800	
7	Tires	Atleast size 6*16/13*28	
8	Brakes	suspended type/Oil Immersed Brakes	
9	Tractor Weight	minimum 1200 kg	
10	Fuel tank	Minimum 45 liters.	
11	Steering	Power steering	
12	Power take	independent PTO, 540	
13	Hydraulic lifting	minimum 1200 kg	
14	Tools	A set of tools required for general maintenace	
15	Colour	Standard color.	
16	Proven performance	The vehicle offered shall be under standard production by the manufacturer for at least one year.	

Hydraulic Trailer Specification

17	Trailer size	6feet x10 feet x2.6feet(3.5mm) SI-Seet	
18	Chassis	Made from 150X65 M.S. Channel section	
19	Hubs	2Pic Heavy Duty hub	
20	Tyre	min 2PC(9X20)	
21	Axle	3PC(75X75)	
22	Warranty	minimum of Two-year warranty after acceptance	
23	Delivery	Chhinnamasta Rural Municipality Office Saptri	
24	MRP	2000000 With Vat	




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