

Technical Specification of 4WD Double Cab Pick-up

	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Double Cab Pickup, Right Hand Drive Model with four wheel drive, suitable for driving both in ON-ROAD condition giving smooth economic 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 up to 2000 meter and in ambient temperature between -5°C to 50°C. The total seating capacity of double cab pickup should be at least 5 persons including driver. Gross Vehicle Weight of the vehicle not less than 3100 kgs.	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine, displacement(2100-2300 cc) developing rated Power Output not less than 140bhp and Torque not less than 320 N-m at governed RPM (engine shall be fully equipped with all necessary items/accessories) for efficient fully load operation of double cab pickup at operating conditions, shall be equipped with cold starting device, direct electric starting system, heavy duty fuel filter.	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 (EVI) which is to be certified by Department of Transport Management.	
4	Gauges	Fitted with all the gauges, indicators, signals as necessary for efficient operation, functional monitoring, vehicle performance and maintenance that includes (but not limited to) Battery charge indicator, water temperature, fuel, oil pressure, etc. with all standard items of offered model vehicle	
5	Clutch	Dry, Single Plate.	
6	Transmission	Manual shift, at least Six Forward and one reverse , all forward synchromesh, floor mounted, 4WD engaged through control at driver.	

7	Ground Clearance	Minimum 200 mm. Higher ground clearance preferred	
8	Suspension	Suitable for toughest terrain, smooth ride, stable Handling and comfortable driving conditions. Front: In depending torsion bar or coil spring and stabilizer. Rear: Leaf springs and shock absorbers	
9	Turning radius	Not more than 6.7 Meters	
10	Fuel tank capacity	Not less than 80 Ltrs	
11	Tyres	Standard Size	
12	Steering	Power assisted/Power Steering	
13	Brakes	Front Disc type, rear drum type, hydraulic operated on all wheels, and parking brake.	
14	Cab	4 doors, all metallic cab with insulated roof, right hand drive, laminated glass windscreen wipers, glass windows on doors, through ventilation, comfortable and adjustable seats for driver and passenger, two sun visors, and two side view mirrors and rear view mirror. Rear body to be metallic, pickup type with drop type tail board.	
15	Chasis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions with hook at front.	
16	Essential Accessories	1. Head light, tail and light, reversing light and turn signals. 2. Cabin lights. 3. Speedometer/ odometer. 4. Heavy duty front bumper. 5. Spare wheel with tyre and tube 6. Jack with handle 7. Alloy Wheels 8. Front seat belt for driver and co-passenger 9. Reverse Parking Camera 10. Front dual airbags system 11. Remote key less entry system 12. Fully Automatic Temperature Control 13. Power Windows 14. Central Door Locking System 15. Steering mounted audio control buttons. 16. Touch screen infotainment system (Manufacturer Fitted) Equipped with all accessories offered in standard model but not limited to the above items.	
17	Instructions	All signs and instructions in the vehicle shall be in English.	

18	Manuals	One copy of the Operator's and Owner's Manual in English shall be supplied with each vehicle.	
19	Tools	A set of tools, as required for general maintenance shall be supplied with each unit.	
20	Color	Standard	
21	Proven Performance	The bidder shall provide the manufacturer's data of the performance of the unit to include performance curve of the engine.	
22	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
23	Delivery	As per terms and conditions	

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.