

Technical specifications of 4WD Double Cab Pick-up

CRITERIA	DEPARTMENTAL REQUIREMENT	Offered specifications
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 2900 kgs.	
2 Engine	Water cooled diesel Engine, min. displacement 2100 cc developing rated Power Output not less than 135PS 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.	
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	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, transmission gauge etc. with all standard items of offered model vehicle	
5 Clutch	Dry, Single Plate. Or equivalent	
6 Transmission	Manual shift, at least five Forward and one reverse, all forward synchromesh, floor mounted, 4WD engaged through control at driver.	


 नेपाल इंजिनियरिंग काउन्सिल
 काठमाडौं, नेपाल
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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 or equivalent Rear: Leaf springs and shock absorbers or equivalent	
9	Turning radius	Not more than 7 Meters	
10	Fuel tank capacity	Not less than 65 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 or equivalent	
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	<ol style="list-style-type: none"> 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. Front dual airbags system 10. Remote key less entry system 11. Fully Automatic Temperature Control 12. Power Windows 13. Central Door Locking System 14. 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.	

गार्ड कालेज, धनुषा
व्यापक शिक्षा विभाग, धनुषा
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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, with a tool bag, as required for general maintenance shall be supplied with each unit.	
20	Color	Standard colour	
21	Proven Performance	1.The machine offered shall be current model ,under standard production by the manufacturer. 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.	
22	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
23	Initial Service	The supplier shall provide with the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been commissioned and accepted.	
24	Delivery	Unit 4wd double cab pickup shall be delivered to Kharpunath Rural municipality, Humla, Karnali Province, Nepal	

Note:- The major items are indicated by bold and highlighted letters/alphabet/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid.

Date :- 2081/04/22

Er Prem Prasad Sapkota
Nec no 2854
Mechanical engineer
Category A

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विष्णु बराल शर्मा
प्रमुख प्रशासक/अधीक्षक

