

Technical Specification

Double cab pickup

1(One) Unit

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Double cab pickup, 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 up-to 3000 meter and in ambient temperature between -5 ⁰ C to 50 ⁰ C. Gross Vehicle Weight of the vehicle shall not be less than 2700 Kgs.	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine , developing rated Power output not less than 45 kW and Torque not less than 190 N-m at rated RPM with an efficient fuel injection system having precisely control air fuel ratio for high efficiency in response to all loads and operating conditions. The Engine shall be fully equipped with all necessary items/ accessories and controlling devices for safe, smooth, efficient and economical operation.	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 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	Transmission	Manual shift, at least five forward and one reverse , all forward synchromesh, floor mounted, 4WD engaged through control at driver.	

6	Ground clearance	Higher ground clearance preferred Minimum 200 mm.	
7	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. Coil spring/Leaf springs/Torsion bar and shock absorbers at front and rear.	
8	Tires	Standard Size	
9	Steering	Power assisted/Power Steering	
10	Brakes	Front Disc type, rear Disc/Drum type, hydraulic operated on all wheels, and parking brake.	
11	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, floor mats, two sun visors, and two side view mirrors and rear view mirror. Rear body to be metallic, pickup type with drop type tail board.	
12	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions with tow-hooks.	
13	Accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light, reversing light and turn signals. 2. Cabin lights. 3. Speedometer / odometer. 4. Heavy duty front bumper. 5. Spare wheel with tire and tube. 6. Mechanical/Hydraulic jack with handle. 7. Front seat belt for driver and co-passenger. 9. CD/MP3 Player, Preferably with Radio, MW & FM. <p>Equipped with all accessories offered in standard model but not limited to the above items.</p>	
14	Instructions	All signs and instructions in the vehicle shall be in English.	

15	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each vehicle.	
16	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with vehicle.	
17	Color	Standard Color	
18	Proven performance	1. The vehicle offered shall be a current model under standard production by the manufacturer for at least one year . 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.	
19	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance .	
20	Delivery	The Double-cab Pickup, RHD (4X4), 1 unit, shall be delivered to: लिसंखु पाखर गाउँपालिका, अत्तरपुर, सिन्धुपाल्चोक, नेपाल.	

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 offer.


Mechanical Engineer