

Technical Specification

Owner: Madhyapur Thimi Municipality, Bhaktpur

Equipment Name: Double Cab Pickup

Quantity-1 unit

S. N.	CRITERIA	MUNICIPALITY REQUIREMENT	OFFERED SPECIFICATION
1	General	Double cab Pickup, Right Hand Drive model 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 3000 meter and in ambient temperature between -5 ⁰ C to 50 ⁰ C. Gross Vehicle Weight of the vehicle not less than 2500 Kg.	Make: Model: Year of Manufacturing:
2	Engine	Water cooled diesel Engine, 4 Cylinder displacement of Engine not less than 2475 CC developing rated Power output not less than 61 HP and Torque not less than 175 N-m at rated RPM. The Engine shall be fully equipped with all necessary items/ accessories and controlling devices for safe, smooth, efficient, economical operation and optimizing vehicle performance producing lesser amount of polluted Emissions.	Make: Model: Power: Torque:
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior to 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), water temperature, fuel, oil pressure, transmission gauge etc. with all standard items of offered model vehicles.	
5	Transmission	Manual shift, at least five forward and one reverse.	
6	Ground Clearance	Minimum 190 mm. Higher ground clearance preferred	
7	Turning Radius	Not more than 6.5 meter	



8	suspension	Suitable for toughest terrain Front: Independent, Double wishbone with coil spring Rear: Leaf springs /shock absorbers
9	Tyres	Standard Size
10	Steering	Power assisted/Power Steering having tilt adjustment
11	Brakes	Front Disc type, rear drum type, hydraulic operated on all wheels and parking brake.
12	Fuel Tank Capacity	At least 50 Ltrs
12	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 with drop type tail board.
13	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions with hook at front.
14	Essential Accessories	<ul style="list-style-type: none"> • Head light, tail and rear light, reversing light and turn signals. • Cabinlights • Speedometer /odometer • Seat Cover • Steering Cover • Spare wheel with tyre and tube • Front seat belt for driver and co-passenger • Air Conditioner with heating • All Power Windows • Music Player with USB Preferably with Radio, MW & FM. <p>Equipped with all accessories offered in standard model but not limited to the above items.</p>
15	Instruction	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 each vehicle.

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	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with each unit.
17	Color	Standard Color
18	Proven Performance	1. The vehicle offered shall be a 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 and production capacity
19	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance
20	Delivery	Double Cab Pickup 1 (One) Unit shall be delivered with all necessary accessories to: Madhyapur Thimi Municipality, Bhaktpur.

Notes:

- 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.
- The bidder must submit documentary evidences/ manufacturer declaration showing that he/she meets all the requirements of the vehicle.
- The bidder should mention the required data, details and values of the Vehicle in the offered specification column.

Bidder's Signature.....

Date.....

Prepared By:

Bijay Kumar Shah
Mechanical Engineer
Department of Roads,
Mechanical office, Mulkot, Sindhuli

Approved By:

Chief Executive Officer
Madhyapur Thimi Municipality,
Bhaktpur



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