



Technical Specification

Office Name : Ichchhakamana Rural Municipality, Kurintar, Chitwan

Vehicle : Double Cab 4WD Pickup

Quantity : 1 Unit

S.N.	CRITERIA	REQUIREMENTS OF THE OFFICE	OFFERED SPECIFICATION
1	General	Single Cab, Right Hand Drive Model with 4 Wheel Drive suitable for driving in rough and hilly road conditions of Nepal at an altitude up to 3000 meter and in ambient temperature between minus 10 to 50 degree Celsius. The Gross weight of the vehicle shall not be less than 2500 kg and shall have seating capacity for at least 5 persons including driver.	Make: Model: Country of Origin: Gross Vehicle Weight: Seating Capacity:
2	Engine	Water cooled four stroke, minimum four cylinder, diesel engine, Engine Volume should be within 2100-2600 CC. The maximum power and torque output shall not be less than 60 HP and 190 Nm at governed RPM respectively. The engine shall be fully equipped with accessories for efficient full load operation of the vehicle at operating condition.	Make: Model: Country of Origin: Power: Torque Displacement:
3	Clutch	Single plate dry clutch	
4	Transmission	Manual shift at least Six forward and one reverse, all forward synchromesh; 4WD engaged through control at driver seat.	
5	Emission Norm Compliance	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 2069"	
6	Fuel Tank Capacity	Fuel tank capacity shall not be less than 50 Litre.	
7	Suspension	Front and Rear suspension must be a Rigid Axle with Leaf Spring Suspension with Hydraulic Telescopic Shock Absorbers for heavy duty.	

Er. Nishan Timilsina
NEC Regd. No.: 5524
Mechanical "A"

Er. Nishan Timilsina
License No:- 5524 Mechanical "A"
Date:- 2082-08-21

चन्द्रकान्त बस्नेत
प्रमुख प्रशासकीय अधिकृत



8	Brake System	Hydraulic/Vacuum Assisted Brake System. Front brake must be Disc Type and Rear brake Drum Type. The vehicle should be equipped with ABS.	
9	Steering	Power Steering.	
10	Tyre	Standard Size	
11	Minimum Ground Clearance	The ground clearance of the vehicle shall not be less than 170 mm.	
12	Wheel Base	Wheel base must be not less than 2900 mm.	
13	Payload	Payload Capacity shall not be less than 1000 kg.	
14	Cargo/Load Body Dimension	Cargo/Load Body must have Length not less than 2200 mm and Width not less than 1550 mm.	
15	Cabin/Driver Seat	The Cabin/Driver seat shall be reasonably comfortable and safe, shall be equipped with Seat Belts and Head Rests.	
16	Air Bag	Should be provided with at least two front air bag.	
17	Chassis and Frame	Steel, heavy duty for rough road conditions with toe-hooks in front and rear.	
18	Essential Requirements	The vehicle should be equipped with: <ul style="list-style-type: none">• Cabin lights, Head lights, tail and rear lights, reversing lights and turn signals• Odometer / Speedometer• One spare wheel with tyre and tube• Suitable jack with handle	
19	Instructions	All signs and instructions in the vehicle shall be in English.	
20	Manual	One copy of the operators and owner's instruction and maintenance manual in English.	
21	Tools	A set of tools for general maintenance shall be supplied.	
22	Color	Standard color	
23	Proven Performance	1. The Vehicle offered shall be a current model under standard production by manufacturer for at most one year.	

Er. Nishan Timilsina
NEC Regd. No: 5524
Mechanical "A"

Er. Nishan Timilsina
License No:- 5524 Mechanical "A"
Date:- 2082-08-21

Chand Kant Banskota

चन्द्रकान्त बस्नेत
प्रमुख प्रशासकीय अधिकृत



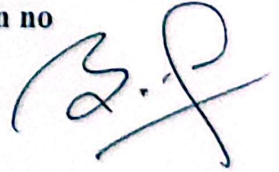
		2. The bidder shall provide the manufacturer's data of the performance curve of the engine.	
24	Warranty	Manufacturer shall provide a minimum of one-year warranty after acceptance and at least two Free Servicing in a Year after Acceptance.	
25	Delivery	The vehicle should be delivered to: Ichchhakamana Rural Municipality, Kurintar, Chitwan	

Note: The major items are indicated by Bold and highlighted letters/alphabets/figures in the technical specifications. Non-Compliances of these major items will result in no responsiveness of the bid.

Prepared By:


Er. Nishan Timilsina
NEC Regd. No: 5524
Mechanical "A"

Er. Nishan Timilsina
License No:- 5524 Mechanical "A"
Date:- 2082-08-21



चन्द्रकान्त बस्नेत
प्रमुख प्रशासकीय अधिकृत