

Technical Specification

Double cab pick-up 4WD- 1 (One) unit

S.N.	CRITERIA	Requirements	OFFERED SPECIFICATION
1	General	Right Hand Drive Model with four wheel Drive, Double cab pick-up diesel engine Type Vehicle suitable for operation under rough and hilly road and adverse climatic condition at operating altitude of 2500 meters and in ambient temperature varying between -5 to 50 degree Celsius. Gross Vehicle Weight (GVW) of the vehicle shall not less than 2,700 kg and shall have seating capacity for at least 5 Persons including driver.	Make: Model: Year of Mfg.: Country of Origin:
2	Engine	Four strokes four cylinders, water cooled diesel Engine not less than 1900 cc developing maximum rated power output not less than 120 HP at governed RPM with Torque Should not be less than 320 NM @ govern RPM. Engine fully equipped with accessories for efficient full load operation of the Vehicle at operating conditions, cold starting device, direct electric starting system, heavy duty fuel filter.	Make: Model:
3	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass emission standard, which is to be certified by Department of Transport Management, Nepal	
4	Gauges	Speedometer, Water Temperature, Fuel, Oil Pressure etc as necessary for the efficient operation and maintenance, signal for 4 WD.	
5	Clutch	Single plate, Dry friction.	
6	Transmission	Floor mounted Manual shift at least five forward and one reverse , all forward synchromesh	
7	Tyre size	Standard, Radial, Tubeless	
8	Suspension & Brakes	Leaf Spring / Coil Spring / Torsion bar Shock Absorbers at front and rear. Brake: - Front Ventilated Disc type, Rear - Disc/Drum Type.	
9	Steering	Power steering	
10	Turning radius	Turning Radius Not more than 7 Meters.	
11	Ground Clearance	High ground clearance will be preferred, at full load ground clearance shall not be less than 200 mm .	
12	Cab	4 side metallic door and all metallic cab with insulated roof, laminated/tinted glass wind screen washers and wiper, comfortable and adjustable seats for driver and co-passenger, front and middle seat will be front facing, two sun visor, rear view mirror, two side view mirror and metallic rear body with lockable cargo box.	
13	Chassis and	Steel, heavy duty suitable for rough road conditions with tow hook in front	

(Signature)

Mechanical Engineer

	frame	and rear.
14	Essential Accessories	<p>The vehicle should be equipped with:</p> <ul style="list-style-type: none"> • Head light tail and rear light, reversing light and turn signal • Cabin light • Odometer • 1 spare wheel with Tubeless tyre. • Jack and Handle • Seat belts for drive and co-driver • Air conditioner with heater • Power windows (front & rear) • Audio System with CD/MP3 Player • Air Bag with ABS • Floor carpet, <p>: To be equipped with all accessories offered in standard model but not limited to the above items.</p>
15	Instruction	All signs and instruction in the vehicle shall be in English .
16	Proven Performance	<ol style="list-style-type: none"> 1. The Vehicle offered shall be a current model under standard production by the manufacture for at least one year. 2. The bidder shall provide the manufacture's data of the performance of the unit to include the fuel consumption, performance curve of the Engine and production capacity of the unit.
17	Manuals	One copy of the operators and owner's instruction manual in English .
18	Tools	A set of tools for general maintenance shall be supplied.
	Color	Standard
19	Warranty	Manufacturer shall provide a minimum one year warranty after acceptance.
20	Delivery	The Double cab Pick-up One unit shall be delivered to the Lumbini Cultural Municipality, Lumbini ,Rupandehi,

Prepared By:

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