

## Technical Specifications

**4WD Double Cab Pickup**

**1 unit**

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Double cab Pickup, Right Hand Drive model with two and four wheel drive mode, 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 upto 3000 meter and in ambient temperature between -5°C to 50°C. Gross vehicle weight of the vehicle shall not be less than 2700 kg Vehicle shall have seating capacity for at least 5 passengers including driver.	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine, developing maximum rated Power output not less than 60 Hp and Torque not less than 190 N-m at rated RPM. The Engine shall be turbocharged fully equipped with all necessary items/ accessories and controlling devices for safe, smooth, efficient, economical operation and optimizing vehicle performance producing lesser amount of pollutive emissions.	Make: Model:
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 etc. with all standard items of offered model vehicle	
5	Transmission	Manual shift, at least five forward and one reverse, all forward synchromesh, 4WD engaged through control at driver.	
6	Ground clearance	Higher ground clearance preferred	
7	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. Front: Independent, Double wishbone with coil spring and stabilizer/Torsion Bar/Leaf Spring and Shock absorber.	

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**Tek Raj Subedi**  
Mechanical Engineer  
NEC Regd. No: 1355-12



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		Rear: Leaf springs /shock absorbers	
8	Tyres	Standard Size	
9	Steering	Power assisted/Power Steering	
10	Brakes	Front Disc type, rear drum type, hydraulic operated on all wheels, and parking brake.	
11	Fuel Tank Capacity	Not less than 45 Liters.	
12	Cab	4 doors, all metallic cab with insulated roof, right hand drive, wipers, glass windows on doors, through ventilation, comfortable 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.	
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"> <li>Head light, tail and rear light, reversing light and turn signals.</li> <li>Cabin lights</li> <li>Speedometer / odometer.</li> <li>1 Spare wheel with tyre and tube</li> <li>Hydraulic/Mechanical jack with handle</li> <li>Front seat belt for driver and co-passenger</li> </ul> <p>Equipped with all accessories offered in standard model but not limited to the above items.</p>	
15	Instructions	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.	
17	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with each unit.	
18	Color	Standard Color	
19	Proven performance	The vehicle offered shall be a current model under standard production by the manufacturer for at least one year and shall be of latest model not earlier than 2021.	
20	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
22.	Initial Service	The supplier shall provide free of cost for the first two services, after the vehicle has been commissioned and	

*Q. Krishnamoorthy*

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		accepted.	
23	Delivery	The Double-cab Pickup, RHD, (4WD), 1 unit, shall be delivered to: Office of Municipal Executive Umakunda Rural Municipality, Ramechhap	

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Prepared By:

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