

Technical Specification For the procurement of Jeep Type Vehicle

4WD Hardtop Jeep

Qty: 1 unit

S.N.	CRITERIA	Official Requirements	OFFERED SPECIFICATION
1	General	Right Hand Drive, 4WD Hard top jeep diesel engine Jeep Type Vehicle suitable to operate in rough and hilly road condition of Nepal with operating conditions -5 degree C to 50 degree C and altitude of 2000 m, Shall have seating capacity for at least 7 passengers including driver	
2	Engine	<ul style="list-style-type: none"> • Diesel Engine • Four strokes Power: 45 kW or above @ optimum rpm • Maximum torque: Not less than 190 Nm @ optimum rpm Shall fully equipped with accessories for efficient full load operation	
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	
5	Clutch	Dry Single plate/Hydraulic	
6	Transmission	Manual shift at least five forward and one reverse , all forward synchromesh	
7	Tyre size	Standard size	
8	Suspension & Brakes	Suspension Front & Rear: Leaf Spring/Coil spring/Double wishbone Brakes Front: Disc Rear: Drum Hydraulic operated and parking Brake	
9	Steering	Power steering	
10	Maximum turning radius	Not greater than 5.8 m	
11	Fuel tank capacity	Minimum 50 liters	
12	Cab	4 side door and 1 back door , 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	

		front facing and rear side facing seat, two sun visor, rear view mirror and two side view mirror	
13	Chassis and frame	Steel, heavy duty suitable for rough road conditions with tow hook	
14	Essential Accessories	The vehicle should be equipped with: <ul style="list-style-type: none"> • Head light tail and rear light, reversing light and turn signal • Cabin light • Odometer • 1 spare wheel with tyre and tube • Mud guards • Seat belts for drive and co-driver • ORVM • Floor carpet 	
15	Instruction	All signs and instruction in the vehicle shall be in English.	
16	Manuals	One copy of the operators and owner's instruction and maintenance manual in English.	
17	Tools	A set of tools for general maintenance shall be supplied	
18	Color	Standard	
19	Warranty	Manufacturer shall provide a minimum one year warranty.	
20	Delivery	<u>The Jeep 1 unit shall be delivered</u> as per Schedule of Requirement of Bid document: Mahabharat Rural municipality, Office of the Rural Municipal Executive, Banakhuchaour, Kavrepalanchowk	

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 offered.