

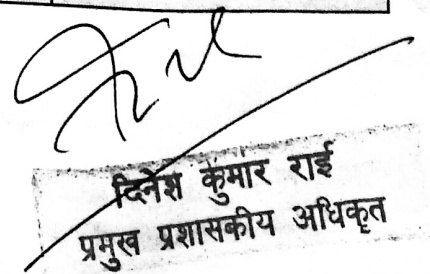
## Technical Specification for the procurement of Jeep Type Vehicle:

Qty: 1 unit

S.N.	CRITERIA	Official Requirements	OFFERED SPECIFICATION
1	General	<b>Right Hand Drive, 4WD Hard top jeep diesel engine Jeep Type Vehicle</b> 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 <b>7 passengers</b> including driver	Make:  Model:
2	Engine	<ul style="list-style-type: none"> <li>• Diesel Engine</li> <li>• Four strokes</li> <li>• <b>Minimum 2200 cc capacity</b></li> <li>• Power: <b>45 kW or above @ optimum rpm</b></li> <li>• Maximum torque: Not less than <b>190 N-m @ optimum rpm</b></li> </ul> Shall fully equipped with accessories for efficient full load operation	Make:  Model:
3	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable Nepal Vehicle Mass emission standard, <b>which is to be certified by Department of Transport Management, Nepal</b>	
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 <b>at least five forward and one reverse</b> , all forward synchromesh	
7	Tyre size	Standard	
8	Suspension & Brakes	Suspension Front & Rear: Leaf Spring/Coil spring/Double wishbone Brakes <b>Front: Disc</b> <b>Rear: Drum</b> Hydraulic operated and parking Brake	
9	Steering	Power steering	
10	Maximum turning radius	<b>Not greater than 5.8 m</b>	
11	Ground clearance	<b>Minimum 180 mm</b>	
11	Fuel tank capacity	Minimum 50 liters	
12	Cab	<b>4 side door and 1 back door</b> , all metallic cab with insulated roof, laminated/tinted glass wind screen	




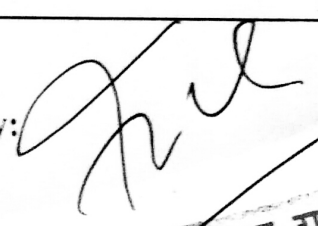
**Senior Divisional Engineer**  
Mechanical

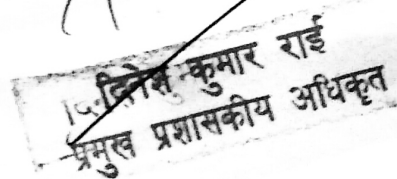
  
**दिनेश कुमार राई**  
 प्रमुख प्रशासकीय अधिकृत

		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"> <li>• Head light tail and rear light, reversing light and turn signal</li> <li>• Cabin light</li> <li>• Odometer</li> <li>• 1 spare wheel with tyre and tube</li> <li>• Mud guards</li> <li>• Seat belts for drive and co-driver</li> <li>• ORVM</li> <li>• CD/MP3 player</li> <li>• Floor Mat</li> </ul>	
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	<b>The vehicle 1 unit shall be delivered</b> as per Schedule of Requirement of Bid document: <b>Mapya Dudhkoshi Rural Municipality, Office of the Rural Municipal Executive, Solukhumbu</b>	

**Prepared By:**

Signature:   
Babu Ram Kharel  
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Department of Water Resource and Irrigation, Jawalakhel, Lalitpur

Approved By: 

  
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## Cost Estimate for the Purchase of 4WD Hardtop Jeep:

The major technical specifications of the Hardtop Jeep that is intended to be purchased by Mapya Dudhkoshi Rural Municipality, Office of the Rural Municipal Executive, Solukhumbu are as follows:

1. Type : RHD, 4WD Hardtop Jeep
2. Power output at governed RPM: Not less than 45 KW
3. Torque output at governed RPM: Not less than 190 N-m
4. Transmission : Manual shift, at least 5 forward and 1 reverse all forward synchromesh
5. Steering: Power steering
6. Essential Accessories: As per stated on Technical Specification
7. Warranty: A minimum of one year warranty after acceptance


Based on the past experiences of procurement, enquiries recently made with suppliers, and budget allocated for the procurement of vehicle, the cost of the Hardtop Jeep intended to be purchased having above technical specification is estimated as below:

S. No.	Description	Quantity	Unit Estimated Cost (in NRs.) (Including VAT and other taxes)	Total Estimated Cost (in NRs.) (Including VAT and other taxes)	Remarks
1.	RHD, 4WD Hardtop Jeep	1 unit	Appx. 38,80,000.00  In words: Thirty Eight Lakhs Eighty Thousand only	Appx. 38,80,000.00  In words: Thirty Eight Lakhs Eighty Thousand only	Estimated cost

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