

Technical Specification

OWNER:- Madi Rural Municipality, Ghartigaun (Rolpa)

HARDTOP JEEP 4WD

Unit 1

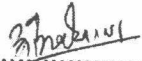
S. N.	Criteria	Office Requirements	OFFERED SPECIFICATION
1.	General	Hard Top Jeep, Right Hand Drive model with four wheel drive , suitable for driving in rough and hilly road condition of Nepal at an altitude upto 2000 meter and in ambient temperature between minus 5 to 50 degree Celsius. The gross vehicle weight of the vehicle shall not be less than 2500 kg and shall have seating capacity for at least 7 persons including driver .	Make: Model: Country of Origin:
2.	Engine	Water cooled four stroke diesel engine , The maximum power and torque output shall not be not less than 120 HP and 280 Nm at governed RPM . The engine shall be fully equipped with accessories for efficient full load operation of jeep at operating condition.	Make: Model:
3.	Emission Standard	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 " which is to be certified by Department of Transport Management, Nepal.	
4.	Gauges	To include gauges and meters for necessary and efficient operation and maintenance of the vehicle	
5.	Clutch	Dry, Single plate	
6.	Transmission	Manual shift at least five forward and one reverse, all forward synchromesh; 4WD engaged through control at driver seat.	
7.	Tires	Standard size	
8.	Dimension and Weight	Wheelbase: Minimum 2500 mm Ground Clearance: At Least 180 mm	
9.	Suspension & Brakes	<u>Suspension</u> Leaf springs / coil springs / torsion bar / shock absorbers at front and rear. <u>Brakes :-</u> Front: Disc type Rear: Disc / Drum type Hydraulic operated brakes on all wheels Parking Brake: dual circuit parking brake preferred.	
10.	Steering	Power Steering	
11.	Turning Radius	Not more than 6 meters.	
12.	Fuel Tank Capacity	Minimum 60 Ltrs.	
13.	Cab	4 side door and 1 back door, all metallic cab with insulated roof, laminated/tinted glass wind screen washers and wipers, comfortable and adjustable seats for driver and co-driver, two sun visors, a rear view mirror and two side view mirror.	
14.	Chassis & Frame	Steel, heavy duty, with toe-hooks in front and rear.	

Signature
मेकानिकल इन्जिनियर

Abstract of Cost

1. Name of work :Supply and Delivery of a 4WD Jeep (Full Option) for Madi Rural Municipality (Rolpa)

S.N	Description of work	Unit	Quantity	Rate		Amount		Remarks
				US\$	NRs	US\$	NRs	
1	Standard Hard Top Jeep, Right Hand Drive model with four wheel drive Water cooled four stroke diesel engine .The maximum power and torque output shall not be not less than 120 HP and 280 Nm at governed RPM. Equipped with following major accessories <ul style="list-style-type: none"> Minimum two front air bag safety system Power windows Heating, Ventilation & AC 	Unit	1		53,0,734.51		53,0,734.51	
	Sub total of machine						53,0,734.51	
	VAT						6,90,265.49	
	Total Amount (NRs)						60,00,000.00	



 Mechanical Engineer
 मेकानिकल इन्जिनियर

