



Subin

Technical Specification of Motorcycle

**Owner:-Rajpur Rural Municipality,Gangadi (Dang)
Motorcycle**

S. N.	CRITERIA	TECHNICAL REQUIREMENTS	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving in rough and hilly road condition of Nepal having Kerb weight of minimum 115 Kg. Should have electric self start and kick start arrangement for starting engine. Latest Make 2020 Mandatory.	Make/Model-
			Kerb Weight -
2	Engine	Air cooled four stroke gasoline engine with engine displacement of minimum 124cc developing power and torque not less than 10 PS and 10 Nm respectively at the governed RPM.	Engine displacement-
			Maximum output power-
			Maximum Torque-
3	Guages	To include necessary gauges and meters for efficient operation and maintenance of the vehicle.	
4	Transmission	Minimum five speed	Speed-
5	Brake	Mechanical or Hydraulic Brake with disc brake at the front and drum/disc brake at rear.	
6	Frame & suspension	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance	Minimum 150 mm	GC-
	Wheelbase	Minimum 1250 mm	WB-
8	Fuel tank capacity	Minimum 10 litres	FT-
9	Essential Accessories	1. Head light, rear and turn signal lights	
		2. Two rear view mirrors	
		3. Safety/handle lock	
		4. Seat for co-rider	
		5. Helmet-1	
		6. Leg guard	
10	Instructions	All signs and instructions on the motorcycle shall be in English.	
11	Manuals	One set of Operator's and Owner's Instruction Manual in English shall be supplied with each motorcycle	
12	Tools	One Set of tools as required for general maintenance shall be supplied with each unit.	
13	Proven Performance	1. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine etc.	
14	Tyre	Standard Size	
15	Colour	Any standard color	
16	Warranty	Manufacturers shall provide a minimum of	

		oneyearwarranty.	
17	Emissionstandard	TheEmission Standard of thevehicleshould be capable of meetingapplicable "Nepal VehicleMassEmission Standard 2069" whichmust be certifiedbyDepartment of Transport Management, Nepal.	
18	InitialService	Thesuppliermakearrangementsforthefirsttwo free servicing in a yearafteracceptance.	
19	Delivery	Themotorcycleshall be deliveredto: Rajpur Rural Municipality Office of the rural municipal executive Gangadi (Dang) Province No. 5 ,Nepal	

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 offer.

Bidder's Signature.....

Date

Prepared By:

Om BahadurThapa

Mechanical Engineer

Heavy Equipment Division,Nepalgunj

Sign and Date:-