

Technical Specification for Motorcycle

MOTORCYCLE

S. No.	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	General	Motorcycle suitable for driving in normal and rough road conditions of Nepal at an ambient temperature of -5 to 50 degree centigrade. Vehicle Kerb Weight shall not be less than 110 kg and shall have seating capacity for at least 2 passenger including driver. Fuel Tank Capacity should not be less than 9 L.	Make: Model: Country of Origin: Fuel Tank:
2	Engine	4 stroke, air cooled minimum 120 CC, petrol engine, developing maximum output power not less than 10 PS at governed RPM and Maximum torque output not less than 10 N-m, shall be fully equipped with accessories for efficient full load operation of the Motorcycle.	Engine Capacity: Power: Torque:
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-2082 which is to be certified by Department of Transport Management, Nepal.	
4	Gauges	To include speedometer / odometer, Turn signal indicator, neutral indicator, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Multi-disc, Wet Plate or Equivalent	
6	Transmission	Minimum Five Forward speed, constant mesh.	
7	Ground Clearance	High ground clearance preferred, minimum 160 mm.	
8	Suspension	Front- Telescopic hydraulic shock absorbers or Equivalent Rear- Mono shock/Swing arm with hydraulic shock/Spring Loaded Hydraulic Type or equivalent	
9	Tires	Standard size, factory fitted with tube/tubeless	
10	Starting	Electronic Self-starter / kick starter	
11	Brake	Front: Hydraulic Single Disc Type Rear: Hydraulic Single Drum/Disc Type	
12	Wheel	Front and rare Alloy wheel/Standard type wheel.	
13	Chassis Frame	Steel, Heavy Duty	

14	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety lock for handle 4. Seat for co-rider 5. Helmet - 1 Nos. 6. Leg guard 7. Helmet Lock 8. Seat Cover 9. Motorcycle Cover <p>To be equipped with all standard accessories of offered model but not limited to 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 in English shall be supplied with each vehicle.	
17	Color	Standard Color	
18	Proven performance	The motor cycle offered shall be a current model under standard production by the manufacturer.	
19	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance	
20	Delivery	Five number of motorcycle as per the specification should be delivered to Department of Information Technology, Babarmahal, Kathmandu.	

Note:

- a) 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.