

Technical Specification of 200cc Class Motorcycle

(Quantity: 2 units)

S.No.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving on rough hilly road.	
2	Engine	Four Stroke, Petrol engine minimum 200±5CC developing maximum net power not less than 14.5 KW at governed RPM and maximum torque output not less than 18 Nm, for efficient running of motorcycle. Starting system with self and kick.	
3	Transmission	Minimum Five speed manual gear.	
4	Brake	Rear: Hydraulic Pedal Disc, Front :Hydraulic Pedal Disc	
5	Frame Suspension & others	Sturdy frame and suspension with telescopic shock absorbers in front and swing arm in rear. Ground Clearance : Not less than 170 mm Wheelbase : Not less than 1350 m Kerb weight ≤ 155 kg	
6	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety lock for steering	
7	Fuel Tank Capacity	Minimum 12 liters.	
8	Color	Standard color.	
9	Instructions	All signs and instructions in the equipment shall be in English.	
10	Manuals	One copy of the Operator's and Owner's Instructions and maintenance manual in English shall be supplied with each equipment.	
11	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit.	
12	Proven performance	1. The motorcycle offered shall be a current model under standard production by the manufacturer for at least one year. 2. 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.	
13	Warranty & Service Facilities	Manufacturer shall provide a minimum one (1) year Warranty after acceptance.	

Mechanical Engineer