

Technical Specifications for Motorcycle

Package 2

S.N.	CRITERIA	REQUIREMENT	REMARKS
1	General	Motorcycle of sturdy design, suitable for driving in rough and hilly road condition of Nepal having Kerb weight of minimum 120 Kg. Should have electric self start arrangement and backup kick for starting engine.	
2	Engine	Air cooled four stroke gasoline system engine with engine displacement of minimum 184 cc developing power and torque not less than 15HP and 15 Nm respectively at the governed RPM.	
3	Gauges	To include necessary gauges and meters for efficient operation and maintenance of the vehicle.	
4	Transmission	Minimum five speed with manual gear	
5	Suspension	Front suspension with telescopic fork shock absorbers, rear suspension mono shock swing arm.	
6	Tires	Standard	
7	Ground Clearance Wheelbase	Min 240 mm Min 1350 mm	
9	Instructions	All signs and instructions on the motorcycle shall be in English.	
10	Manuals	One set of Operator's and Owner's Instruction Manual in English shall be provided	
11	Tools	One Set of tools as required for general maintenance shall be supplied with each unit.	
12	Fuel Tank	Min 10 liters	
13	Brakes	Mechanical or Hydraulic Brake with disc brake at the front and drum brake at rear.	
14	Essential Accessories	<ol style="list-style-type: none"> 1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety/handle lock 4. Seat for co-rider 5. Legguard 6. Helmet 	
15	Chassis and frame	Steel, heavy duty suitable for rough road conditions	
16	Colour	Any standard colour	
17	Warranty	Manufacturer shall provide a minimum of one year warranty.	
18	Emission standard	The Emission Standard of the vehicle should be capable of meeting applicable "Nepal Vehicle Mass Emission Standard 2069"	
19	Initial Service	The supplier make arrangements for the first two free servicing in a year after acceptance.	