

Technical Specification of Motorcycle

Quantity: 4(four)

S.No	Criteria	Requirement	Offered Specification
1	General	Motor cycle of sturdy design, suitable for driving on tough road	
2	Engine	Four Stroke, 2-valve, Petrol Engine, Displacement 149±5 CC developing Maximum net power not less than 12.1PS at governed RPM and Maximum Torque output not less than 12.8 Nm, for efficient running of motorcycle and Starting system with self and kick.	
3	Transmission	Maximum Five speed manual gear	
4	Brake	Front: Hydraulic Disc, Rear: Drum	
5	Frame suspension and others	Front Suspension: Telescopic fork Rear Suspension: Swingram Ground Clearance not less than 165 MM Kerb Weight: Not less than 134 kg Fuel Tank Capacity: Not less than 14 Lts.	
6	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety lock for steering	
7	Instructions	All signs and instructions in the equipment shall be in English	
8	Manuals	One copy of the Operators and Owners Instructions and maintenance manual in English shall be supplied with motorcycle.	
9	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit.	
10	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 manufacturers data of the performance of the unit to include the fuel consumption, performance curve of the engine etc.	
11	Warranty and Service Facilities	Manufacturer shall provide a minimum one year warranty and minimum six (6) times free servicing after delivery.	
12	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable "Nepal Vehicle Mass Emission Standard 2069" which must be certified by Department of Transport Management, Nepal.	
13	Delivery	The Motorcycle shall be delivered to: Roshi Rural Municipality, Katubjebesi, Kavre	

S.No	Criteria	Requirement	Offered Specification
1	General	Scotty of sturdy design, suitable for driving on tough road	
2	Engine	Four Stroke, SOHC, 2-valve, Petrol Engine, Displacement 125±5 CC developing Maximum net power not less than 8.2PS(6.0 kW) at governed RPM and Maximum Torque output not less than 8.1 Nm, for efficient running of scotter and Starting system with self and kick.	
3	Transmission	V-belt automatic	
4	Brake	Front: Unified Braking System, Rear: Unified Braking System	
5	Frame suspension and others	Front Suspension: Telescopic fork Rear Suspension: Unit Swing Ground Clearance not less than 145 MM Kerb Weight: Not less than 99 kg Fuel Tank Capacity: Not less than 5.2 Lts.	
6	Essential Accessories	1. Head light: lead and turn signal lights. 2. Two rear view mirrors. 3. Safety locks for steering. Front and Rear Tubeless Tyres.	
7	Instructions	All signs and instructions in the equipment shall be in English	
8	Manuals	One copy of the Operators and Owners Instructions and maintenance manual in English shall be supplied with Scotter.	
9	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit.	
10	Proven performance	1. The Scotty offered shall be a current model under standard production by the manufacturer for at least one year. 2. The bidder shall provide the manufacturers data of the performance of the unit to include the fuel consumption, performance curve of the engine etc.	
11	Warranty and Service Facilities	Manufacturer shall provide a minimum one year warranty and minimum five (5) times free servicing after delivery.	
12	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable "Nepal Vehicle Mass Emission Standard 2069" which must be certified by Department of Transport Management, Nepal.	
13	Delivery	The Scotty shall be delivered to: Roshi Rural Municipality, Katubjebesi, Kavre	

