



TECHNICAL SPECIFICATIONS OF MOTORCYCLE

S.n.	Criteria	Required specification	Offered specification
1	General	Motorcycle suitable for normal and rough road driving in Nepal at an altitude up to 2000 meter and in ambient temperature -5 to 50 degree centigrade. Kerb Weight of the Motorcycle shall not be less than 140 kgs and shall have seating capacity for at least 2 passengers including driver.	
2	Engine	4-Stroke, Minimum (155+/-5cc), Petrol engine, developing Maximum rated power output not less than 14 PS at governed RPM, Torque not less than 13 NM, shall fully equipped with accessories for efficient full load operation of the Motorcycle.	
3	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard - 2069, Which is to be certified by Department of Transport Management, Nepal	
4	Gauges	To include speedometer, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Multi plate wet plate	
6	Transmission	Manual shift at least 5 forward.	
7	Ground clearance	Minimum 165 mm.	
8	Suspension	Telescopic forks	
9	Tires	Standard Size, factory fitted tubeless.	
10	Starting	Self and Kick starter	
11	Brakes	Front-Disc, Rear-Internal Expanding Shoe Type	
12	Wheel	Rim Front and Rear; Cast Wheel.	
13	Chassis	Steel, heavy duty.	
14	Fuel Tank Capacity	Not less than 12 Liters.	
15	Essential accessories	1. Head light, tail and rear light 2. Turn signals 3. Speedometer 4. Leg guard 5. Seat cover 6. Helmet	
16	Instructions	All signs and instructions in the vehicle shall be in English	



	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	
18	Color	Standard color (Red / Black)	
19	Proven Performance	The Motorcycle offered shall be under standard production by the manufacturer and should be current model.	
20	Warranty	Manufacturer shall provide a minimum of three-year warranty after acceptance.	
21	Delivery	Shall be delivered to: Directorate of water supply, irrigation and energy development, Karnali Province, Birendranagar, Surkhet.	

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 offered.

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TECHNICAL SPECIFICATIONS OF SCOOTER

S.n.	Criteria	Required specification	Offered specification
1	General	Motorcycle suitable for normal and rough road driving in Nepal at an altitude up to 2000 meter and in ambient temperature -5 to 50 degree centigrade. Kerb Weight of the Motorcycle shall not be less than 118 kgs and shall have seating capacity for at least 2 passengers including driver.	
2	Engine	4-Stroke, Minimum (125+/-5cc), Petrol engine, developing Maximum rated power output not less than 9 PS at governed RPM, Torque not less than 10 NM, shall fully equipped with accessories for efficient full load operation of the Motorcycle.	
3	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard - 2069, Which is to be certified by Department of Transport Management, Nepal	
4	Gauges	To include speedometer, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Air filter	Dry paper +Foam filler	
6	Wheelbase	Minimum 1280 mm	
7	Ground clearance	Minimum 155 mm.	
8	Suspension	Telescopic + Gas filled hydraulic type	
9	Tires	Standard Size, factory fitted tubeless.	
10	Starting	Self and Kick starter	
11	Brakes	Front/ Rear-Internal Expanding Shoe Type	
12	Wheel	Rim Front and Rear; Cast Wheel.	
13	Chassis	Steel, heavy duty.	
14	Fuel Tank Capacity	Not less than 5 Liters.	
15	Essential accessories	1. Head light, tail and rear light 2. Turn signals 3. Speedometer 4. Seat cover 6. Helmet	
16	Instructions	All signs and instructions in the vehicle shall be in English	
17	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	



18	Color	Standard color (Blue/ Black)	
19	Proven Performance	The Motorcycle offered shall be under standard production by the manufacturer and should be current model.	
20	Warranty	Manufacturer shall provide a minimum of three-year warranty after acceptance.	
21	Delivery	Shall be delivered to: Directorate of water supply, irrigation and energy development, Karnali Province, Birendranagar, Surkhet.	

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 offered.

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