

Technical Specifications

MOTORCYCLE 160 CC (±8%)

3 Units

S. No.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Motor cycle of sturdy design, suitable for driving on rough road conditions.	Make: Model: Country of Origin:
2	Engine	160 CC (±8%) , Four Stroke Petrol engine, developing maximum output power not less than 15 PS at governed RPM and Maximum torque output not less than 12 N-m , for efficient running of motor cycle.	
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 which is to be certified by Department of Transport Management.	
4	Gauges	To include speedometer / odometer, Turn signal indicator, neutral indicator, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Transmission	Minimum Five speed	
6	Brake	Front: Disc Rear: Drum/Disc	
7	Frame	Sturdy frame and suspension with telescopic shock absorbers	
8	Dimensions and Capacities	Ground Clearance: Minimum 160 mm Kerb Weight: Minimum 135 Kg Fuel Tank : Minimum 12 L	
9	Electrical System	1. Battery: 12V 2. Starting system: Self and Kick	
10	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Alloy Wheel 4. Safety lock for steering 5. Seat for co-rider 6. Helmet - 1 Nos. 7. Leg guard To be equipped with all standard accessories of offered model but not limited to above items	
11	Instructions	All signs and instructions in the vehicle shall be in English	

12	Manuals	One copy of the Operator's and Owner's Instructions Manual in English shall be supplied with each vehicle	
13	Tools	A set of tools as required for general maintenance shall be supplied.	
14	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance	
15	Delivery	The Motorcycles 3 units shall be delivered to: Ministry of Urban Development, 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.**