

Technical Specification

170±5%cc. Motorcycle

	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving on rough road condition.	Make: Model: Country of Origin:
2	Engine	Four stroke, Air cooled Petrol Engine Minimum 170±5%cc. Maximum net power not less than 11 kw at governed RPM and Maximum torque output not less than 14Nm for efficient running of motorcycle, Starting System with self/ Kick.	Make : Model :
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	Transmission	Five speed constant mesh	
5	Ground Clearance	Minimum 164 mm.	
6	Frame & Suspension	Frame : Diamond Front: Telescopic shock absorbers Rear: Mono shock absorbers	
7	Fuel tank capacity	Not less than 12 Liters.	
8	Tires	Type : Tubeless Front Size :100/80 – 17 Rear :140/70 – 17	
9	Brakes	Front & Rear : Disc type, , hydraulic operated .	
10	Essential Accessories	1. Head light, rear light, turn signal lights. 2. Two rear view mirrors. 3. Safety lock for steering.	
11	Body Dimension	Not less than Length : 2041 mm Width : 783 mm Height : 1067 Wheelbase : 1345 mm Kerb weight : 140 Kg.	
12	Instructions	All signs and instructions in the vehicle shall be in English.	
13	Manuals	One copy of the Operator's and Owner's Manual in English shall be supplied with each vehicle.	

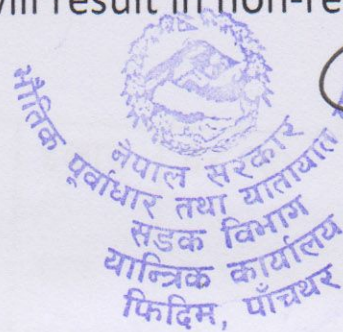


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Mechanical Engineer

14	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with each unit.	
15	Color	Athletic Blue Metallic.	
16	Proven Performance	<ol style="list-style-type: none"> 1. Motorcycle offered shall be a current model under standard production by manufacturer for at least one year. 2. The bidder shall provide the manufacturer's data of the performance curve of the engine etc. 	
17	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
18	Initial Service	The supplier shall provide with the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been commissioned and accepted.	
19	Delivery	Tumbaba Rural municipality Mauwa, Panchther.	

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.



(Signature)

2075-09-11

Mechanical Engineer