

## Technical Specification of Motorcycle

S. No	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Motor cycle of sturdy design, suitable for driving on rough road.	Make: Model:
2	Engine	Four Stroke, Petrol Engine, Minimum 155 cc, developing Maximum net power not less than 13 PS at governed RPM and Maximum torque output not less than 12 Nm, for efficient running of motorcycle, Starting system with self & kick.	Make: Model:
3.	Gauges	To include speedometer, fuel etc. as necessary for efficient operation and maintenance	
4.	Transmission	Minimum Five speed manual gear	
5.	Brake	Rear : Disc/ Drum, Front: Hydraulic Disc	
6.	FrameSuspension & others	Sturdy frame and suspension with telescopic shock absorbers. Wheel base : Not less than 1320 mm Fuel Tank Capacity: Not less than 14 Ltrs.	
7.	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirror 3. Safety lock for steering 4. Helmet and Helmet Lock	
8.	Instructions	All signs and instructions in the equipment shall be in English.	
9.	Manuals	One copy of the Operator's and Owner's Instructions and maintenance manual in English shall be supplied with each motorcycle.	
10.	Color	Standard Color	
11.	Tools	A set of tools as required for general maintenance shall be supplied with in a lockable tool box for each unit.	



*15.11*  
Mechanical Engineer



10	Proven performance	<p>1. The motor cycle offered shall be a current model under standard production by the manufacturer for at least one year.</p> <p>2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine etc.</p>	
11	Warranty & Service Facilities	Manufacturer shall provide a <b>minimum one(1) year warranty &amp; Five (5) times free Service after delivery.</b>	
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	<b><u>The Motorcycles shall be delivered to: Pakhribas municipality office, Dhankutta</u></b>	

**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.



*[Handwritten Signature]*

Mechanical Engineer