

Technical Specification

**Owner:-
Motorcycle -**

S. N.	CRITERIA	TECHNICAL REQUIREMENTS	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving in rough and hilly road condition of Nepal with operating conditions suitable for temperature range of -5 °C to 45°C and up to altitude of 2000 meters having Kerb weight of minimum 130 Kg. Should have electric self start OR kick start arrangement for starting engine.	Model - Kerb Weight - Starting system:
2	Engine	Air cooled four stroke gasoline engine with engine displacement of minimum 185±1% cc developing power and torque not less than 15 PS and 15 N-m respectively at the governed RPM.	Engine type- Engine displacement- Maximum output power- Maximum Torque-
3	Guages	To include necessary gauges and meters for efficient operation and maintenance of the vehicle.	
4	Transmission	Minimum five speed	
5	Brake	Mechanical or Hydraulic Brake with disc brake at the front (9240mm) and rear drum (110mm)	
6	Frame	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance	Minimum 245 mm	
	Wheel base	Minimum 1350mm	
8	Fuel tank capacity	Minimum 12 litres	
9	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety/handle lock 4. Seat for co-rider 5. Helmet - 1 No. 6. Leg guard	
10	Instructions	All signs and instructions on the motorcycle shall be in English.	
11	Manuals	One set of Operator's and Owner's Instruction Manual in English shall be supplied with each motorcycle	
12	Tools	A Set of tools as required for general maintenance shall be supplied for each unit	
13	Proven Performance	The Suppliers should provide the manufacturers' data about the performance of the unit including the fuel consumption and performance curve of the engine.	
14	Tyre	Standard tubeless road tyre	



16.2
मेकानिकल इन्जिनियर

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