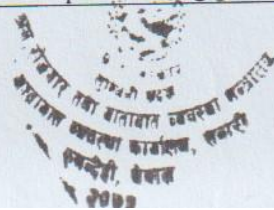




Technical Specification of around 150cc Motorcycle

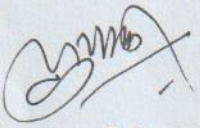
S. N.	CRITERIA	TECHNICAL REQUIREMENTS	OFFERED SPECIFICATION
1.	General	Motor cycle of sturdy design, suitable for driving in rough and hilly road condition of Nepal with operating condition suitable for temperature range of -5 °C to 45°C and up to altitude of 2000 meters having Kerb weight of minimum 140 Kg. Should have electric self start or kick start arrangement for starting engine.	
2.	Engine	Air cooled four stroke gasoline engine with engine displacement of range (150+/-5)cc developing power and torque not less than 13 PS and 12.5Nm. respectively at the governed RPM.	
3	Gauges	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 Front : Disc Brake Rear : Disc Brake	
6	Frame	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance	Minimum 164 mm	
7	Wheel base	Minimum 1320mm	
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.	
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	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	
15	Colour	Any standard color	
16	Warranty	Manufacturer shall provide a minimum of one year warranty.	
17	Emission standard	The Supplied vehicle shall meet Nepal vehicle mass emission standard 2069 Euro III which must be certified by Department of Nepal Transport Management.	




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18	Initial Service	The supplier should provide 1 year free servicing after acceptance.	
19	Delivery	The motorcycles units shall be delivered to:	

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 offer.



Bijaya Adhikari
(Mechanical Engineer)
Transport Management Office, Sawari
Manigram Rupandehi

नवराज सुवेदी
प्रमुख प्रशासकीय अधिकृत



Technical Specification of around 220cc Motorcycle

S. No	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Motor cycle of sturdy design, suitable for driving on rough road.	
2	Engine	Four Stroke, Petrol Engine, Minimum 220 cc, developing Maximum net power not less than 19 PS at governed RPM and Maximum torque output not less than 18 Nm, for efficient running of motorcycle, Starting system self-start.	
3.	Gauges	To include speedometer, fuel etc. as necessary for efficient operation and maintenance	
4.	Transmission	Minimum Five speed manual gear	
5.	Brake	Front: Hydraulic Disc with ABS Rear : Disc/ Drum,	
6.	Frame Suspension & others	Sturdy frame and suspension with telescopic shock absorbers. Wheel base : Not less than 1340 mm Fuel Tank Capacity: Not less than 14 Liters.	
7.	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirror 3. Safety lock for steering 4. Helmet and Leg guard	
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.	
10	Proven performance	1. The motor cycle offered shall be a current model under standard production by the manufacturer for at least one year. 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.	
11	Warranty& Service Facilities	Manufacturer shall provide a minimum one(1) year warranty& Seven (7) times free Service after delivery.	



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12	Emission Standard	The Emission Standard of the vehicle should be capable of meeting applicable "Nepal Vehicle Mass Emission Standard 2069 Euro III " which must be certified by Department of Transport Management, Nepal.	
13	Delivery	The Motorcycles units shall be delivered to	

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.

Bijaya Adhikari
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Transport Management Office, Sawari
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