

Technical Specification

Office: Ministry of Youth and Sports, Lumbini Province, Dang.
(Ref. letter no:124 pa. san. 081/082, Date 2082/01/09B.S.)
MOTORCYCLE 155±5% CC



S. No.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Motor cycle of sturdy design, suitable for driving on rough road conditions. Kerbweight shall not be less than 130 Kg.	Make: Model: Mfd. Year: Country of Origin:
2	Engine	Single cylinder, Air cooled Four Strokes Petrol engine of 155±5%CC, developing Maximum power output not less than 13Ps at governed RPM and Maximum torque output not less than 12.5Nm, for efficient running of motor cycle. Should have electric self / kickor both for starting engine.	
3	Emission Standard	The Supplied vehicle shall meet Nepal vehicle mass emission standard which must be certified by Department of Nepal 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: Disc/Drum	
7	Tires	Standard Size, factory fitted tubeless.	
8	Frame	Sturdy frame and suspension with telescopic shock absorbers. Minimum Ground Clearance: 160 mm	
9	Fuel Tank Capacity	Minimum 12Ltr.	
10	Fuel supply	Fuel Injection/carburetor System	
11	Instructions	All signs and instructions in the motor cycle shall be in English.	

12	Essential Accessories	<ol style="list-style-type: none"> 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 8. Helmet Lock: To be equipped with all accessories offered in standard model but not limited to the above items. 	
13	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
14	Tools	A Set of tools as required for general maintenance shall be supplied for each unit.	
15	Proven performance	<ol style="list-style-type: none"> 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. 	
16	Warranty	Manufacturer shall provide a minimum of one year warranty after acceptance.	
17	Delivery	The Motorcycle 2 unit shall be delivered to: Ministry of Youth and Sports, Lumbini Province, Dang.	

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.

Bidder's Signature..... Date.....

Prepared By:

Name: Suraj Prasad Dhakal

Designation: Mechanical Supervisor

Office: Secretariat of the State Assembly, Lumbini Province

Signature:

