


TECHNICAL SPECIFICATIONS OF MOTORCYCLE

S.n.	Criteria	Required specification	Offered specification
1	General	Motorcycle suitable for normal and rough road driving in Nepal at an altitude up to 2000 meter and in ambient temperature -5 to 50 degree centigrade. Kerb Weight of the Motorcycle shall not be more than 140 kgs and shall have seating capacity for at least 2 passengers including driver.	Seating capacity: Kerb weight:
2	Engine	4-Stroke, Minimum (155+/-5cc), Petrol engine, developing Maximum rated power output not less than 14 PS at governed RPM, Torque not less than 13 NM, shall fully equipped with accessories for efficient full load operation of the Motorcycle.	Engine cc: Stroke: Power: Torque:
3	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard - 2069, Which is to be certified by Department of Transport Management, Nepal	
4	Gauges	To include speedometer, fuel gauge etc. as necessary for efficient operation and maintenance.	
5	Clutch	Multi plate wet plate	
6	Transmission	Manual shift at least 5 forward.	
7	Ground clearance	Minimum 165 mm.	
8	Suspension	Telescopic forks	
9	Tires	Standard Size, factory fitted tubeless.	
10	Starting	Self and Kick starter	
11	Brakes	Front-Disc, Rear-Internal Expanding Shoe Type	
12	Wheel	Rim Front and Rear; Cast Wheel.	
13	Chassis	Steel, heavy duty.	
14	Fuel Tank Capacity	Not less than 12 Liters.	
15	Essential accessories	<ol style="list-style-type: none"> 1. Head light, tail and rear light 2. Turn signals 3. Speedometer 4. Leg guard 5. Helmet 	
16	Instructions	All signs and instructions in the vehicle shall be in English	
17	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	

[Handwritten Signature]

[Handwritten Signature]
Kamal Bahadur Shahi
Mechanical Engineer



[Handwritten Signature]



18	Color	Standard color (Red / Black)	
19	Proven Performance	The Motorcycle offered shall be under standard production by the manufacturer and should be current model.	
20	Warranty	Manufacturer shall provide a minimum of three-year warranty after acceptance.	
21	Delivery	Shall be delivered to: Office of the Municipal Executive, Panchapuri Rural Municipality, Karnali Province, Babiyachaur, Surkhet.	

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: Kamal Bahadur Shahi

Designation: Mechanical Engineer

Office: Ministry of physical infrastructure & urban development, Karnali Province

Date: 2079/09/14

Kamal Bahadur Shahi
Kamal Bahadur Shahi
Mechanical Engineer



[Handwritten signature]

[Handwritten signature]