

**Technical Specifications of Motorcycle not less than 180cc**

S.N.	Criteria	Requirement	Offered Specification
1	General	Motorcycle suitable for normal and rough road driving in Nepal at an altitude up to 4000 meter and in ambient temperature -5 to 50 degree centigrade. Kerb Weight of the Motorcycle shall not be less than 123kgs and shall have seating capacity for at least 2 passengers including Equipment make on 2024.	
2	Engine	Air cooled/oil cooled or equivalent ,single cylinder,minimum 180cc , Petrol engine , developing Maximum rated power output not less than 15HPat governed RPM & Torque not less than 15Nm@governed rpm ,shall fully equipped with accessories for efficient full load operation of the Motorcycle.	
3	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard -2069 (EURO-III), Which is to be certified by Department of Transport Management , Nepal	
4	Wheelbase	Minimum 1300mm	
5	Ground Clearance	High Ground Clearance preferred Not less than 200mm.	
6	Clutch	Multi plate wet Plate or wet, multiple disc or equivalent	
7	Transmission	5 Speed constant mesh type	
8	Suspension	Front; Telescopic and equivalent Rear: 5 way adjustable ,nitrox shock absorber /swingram /mono shock or equivalent	
9	Tires	Standard Size	
10	Starting	Self starter/Kick Starter	
11	Brakes	Front; Disc ,Rear; Disc/Drum	
12	Tank Capacity	Minimum 12Liters	
14	Essential accessories	1. Head light, tail and rear light, 2.Turn signals 3. Speedometer 4. Helmet 5. Leg guard	
15	Instructions	All signs and instructions in the vehicle shall be in English	
16	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	
17	Fuel delivery system	Fuel injection / carburetor or equivalent	
18	Proven Performance	The Motorcycle offered shall be under standard production by the manufacturer and should be current model.	
19	Warranty	Manufacturer shall provide a minimum of One year warranty after acceptance.	
20	Delivery	Motor cycle shall be delivered to Kharpunath Rural municipality,Humla,Karnali Province, Nepal	

*[Handwritten Signature]*





**Note:- The major items are indicated by bold and highlighted letters/alphabet/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid.**

Er Prem Prasad Sapkota.  
NEC NO 2854  
Mechanical engineer  
Category A



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