

Technical Specification

**Owner: Birgunj Metropolitan City, Birgunj (Parsa)
Motorcycle (150 cc)**

| 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 condition suitable for temperature range of -5 °C to 45°C and up to altitude of 2000 meters having Kerb weight should not be less than 140 Kgs. Should have electric self and kick start for starting engine, Latest make 2020 or onward mandatory | Model - |
| | | | Kerb Weight - |
| | | | Starting system: |
| 2 | Engine | Air cooled four stroke gasolina engine with engine displacement of minimum 150 cc ± 1% developing power and torque not less than 13.5 PS and 13 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 front and drum brake at rear. | |
| 6 | Frame | Sturdy frame and suspension with telescopic shock absorbers. | |
| 7 | Ground Clearance | Minimum 160 mm | |
| | Wheel base | Minimum 1300 mm | |
| 8 | Fuel tank capacity | Minimum 13 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 ISI or equivalent | |
| | | 6. Bike cover | |
| 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 | 1. The motorcycle offered shall be a current model under standard production by the manufacturer for at least one year.(2020 or onward) 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. | |
| 14 | Tyre | Standard tubeless road tyre | |
| 15 | Colour | Any standard color | |

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| 16 | Warranty | Manufacturer shall provide a minimum of one year warranty. | |
| 17 | Emission standard | The Supplied vehicle shall meet Nepal vehicle mass emission standard which must be certified by Department of Nepal Transport Management. | |
| 18 | Initial Service | The supplier make arrangements for the first two free servicing in a year after acceptance. | |
| 19 | Delivery | <p>The motorcycles shall be delivered to:</p> <p style="text-align: center;">Birgunj Metropolitan City Office of the municipal executive Birgunj (Parsa) Province No. 2, Nepal</p> | |