

## Technical Specifications:

### Motor Cycle (145 -160 )

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	<b>Motor Cycle</b> , suitable for driving both in On-Road condition giving smooth economical performance and in Off- Road conditions capable of delivering strong adequate traction and maneuverability / stability needed for safe driving in rough, sandy or slippery and hilly road conditions in Nepal .	Make: Model:
2	Engine	<b>(145 – 160) cc ,4-Stroke Petrol Engine</b> , developing <b>Maximum rated power output not less than 14 ps and maximum torque should not be less than 12N-m at governed RPM. Starting system with self and kick.</b>	
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by Nepal Vehicle Mass Emission Standard 2069(Euro-III), which is to be certified by Department of Transport Management.	
4	Transmission	<b>Minimum Five speed manual gear shift</b> suitable for comfort and safe driving.	
5	Clutch	Suitable for Transmission.	
6	Ground clearance	High ground clearance preferred, <b>minimum 145 mm.</b>	
7	Suspension	Suitable for smooth ride, stable handling and comfortable driving conditions.	
8	Tires	Standard	
9	Brakes	Front disc type, rear disc / drum type	
10	Chassis and frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions .	
11	Essential Accessories	<ol style="list-style-type: none"> <li>1. <b>Head light turn signals light</b></li> <li>2. <b>Two rear view mirrors</b></li> <li>3. <b>Speedometer / odometer</b></li> <li>4. <b>Heavy duty front Leg guard</b></li> <li>5. <b>Seat Cover</b></li> <li>6. <b>Helmet standard .</b></li> </ol> <p>Equipped with all accessories offered in standard model but not limited to the above items. The accessories / features supplied with the motorcycle shall be as per manufacturer's standard.</p>	
12	Instructions	All signs and instructions in the vehicle shall be in English.	
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.	



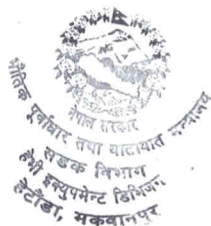
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15	Color	Standard color	
16	Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine .	
17	Warranty	Manufacturer shall provide <b>a minimum of one-year warranty after acceptance.</b>	
18	Delivery	The Motor Cycle Ten units shall be delivered to: <b>"Office of Rural Municipality, Bakaya, Makwanpur, Nepal"</b>	

**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.....



Mechanical Engineer  
Barun Kumar Sah  
Heavy Equipment Division, Hetauda

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