

## Cost Estimate for the Motorcycle:

The major technical specification of motorcycle that is included to be purchased by Naukunda Rural Municipality, Rasuwa District, Nepal is as follows:

Type: Motorcycle 200cc kick and Electric start

power: Minimum 17 ps

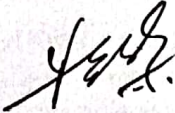
Torque: Minimum 16 NM

Battery Capacity : 12V

S. N.	Qty.	Unit cost in Nrs (including customs duties, VAT, and other taxes.)	Total cost in Nrs (including customs duties, VAT, and other taxes.)	Remarks
1	6	4,50,000.00	27,00,000.00	

Warranty: a minimum of one year warranty after acceptance or as per manufacturer's standard



  
Pradeep Kumar Shrestha  
Mechanical Engineer  
Mechanical officer, Nuwakot

## Technical Specification

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 temperatura range of $-5^{\circ}\text{C}$ to $45^{\circ}\text{C}$ and up to altitude of 3000 meters having Kerb weight of minimum 150 Kg. Should have electric self start and kick start arrangement for starting engine.	Make: Model:
2.	Engine	Air cooled four stroke gasolina engine with developing power and torque not less than 17PS and 16 Nm respectively at the governed RPM.	Make: Model:
3	Guages	To include necessary gauges and meters for efficient operation and maintenance of the vehicle.	
4	Transmission	Minimum four speed	
5	Brake	Mechanical or Hydraulic Brake with ABS <b>Front : Disc</b> <b>Rear : Disc /Drum</b>	
6	Frame	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance Wheel base	<b>minimum 220 mm</b> <b>Minimum 1390mm</b>	
8	Fuel tank capacity	<b>Minimum 12 litres</b>	
9	Essential Accessories	1. Head light, rear and turn signal lights 2. Two rear view mirrors 3. Safety/handle lock 4. Helmet lock 5. Helmet for each unit 6. Leg guard for each unit	
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	

*(Handwritten Signature)*

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13	Provent Performance	1. <b>motorcycle offered shall be a current model under standard production by the manufacturer for at least one year.</b> 2. The Supplier should provide the manufacturers' data about the performance of the unit including the fuel consumption and performance curve of the engine.	
14	Tyre	Standard tubeless road tyre	
15	Colour	Any standard color	
16	Warranty	<b>Manufacturer shall provide a minimum of one year warranty.</b>	
17	Emission standard	The Supplied motor cycle should be capable of meeting applicable "Nepal vehicle mass emission standard 2069" which must be certified by Department of Transport Management, Nepal.	
18	Initial Service	The supplier should provide 1 year free servicing after acceptance.	
19	Delivery	<b>The motorcycles 6 units shall be delivered to: Naukunda Rural Municipality, Rasuwa District.</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 offer.*

Bidder's Signature.....

Date .....



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