

Technical Specification

Owner:-Mapya Dudhkoshi Rural Municipality, Khastap (Solukhumbu)

Motorcycle (Min. 215 cc) - One unit

S. N.	CRITERIA	TECHNICAL REQUIREMENTS	OFFERED SPECIFICATION
1	General	Motorcycle of sturdy design, suitable for driving in rough and hilly road condition of Nepal having Kerb weight of minimum 145 Kg. Should have electric self start and kick start arrangement for starting engine. Manufacturing year must be 2023.	Model - Kerb Weight - Starting system:
2	Engine	Air cooled four stroke gasolina system engine with engine displacement of minimum 215 cc developing power and torque not less than 20.0 HP and 18 Nm respectively at the governed RPM.	Engine displacement- Maximum output power- Maximum Torque-
3	Guages	To include instrument panel with speedometer/odometer, fuel level indicator, etc as necessary for efficient operation and maintenance of the vehicle.	
4	Transmisión	Minimum five speed	
5	Brake	Mechanical or Hydraulic Brake with disc brake/ABS at the front and drum/disc brake at rear.	
6	Frame	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance Wheel Base	Minimum 160 mm Minimum 1340 mm	
8	Fuel tank capacity	Minimum 14 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 -1 No.	
10	Instructions	All signs and instructions on the motorcycle shall be in English.	
11	Manuals	One set of following Manual in English shall be supplied with motorcycle - Operator's and Owner's Instruction.	
12	Tools	Set of tools as required for general maintenance shall be supplied with the unit.	
13	Proven Performance	The Supplier should provide the manufacturers' data about the performance of the unit including the fuel consumption and performance curve of	

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		the engine.	
14	Tyre	Standard tubeless road tyre	
15	Colour	Any standard color	
16	Warranty	Manufacturer shall provide a minimum of one year warranty.	
17	Emission standard	The Supplied vehicle shall meet Latest 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	The motorcycle shall be delivered to: Mapya Dudhkoshi Rural Municipality Office of the rural municipal executive Khastap (Solukhumbu) Koshi Province , Nepal	

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

Prepared By:

Prem Kumar Jha

Mechanical Engineer

Heavy Equipment Division, Itahari

Sign and Date:-

[Handwritten Signature]
श्रीमान प्रेम कुमार ज्ञा
मैकानिकल इन्जिनियर



Abstract of Cost

Name of work : Supply and Delivery of motorbike to Mapya Dudhkoshi Rural Municipality, Khastap (Solukhumbu)

S.N	Description of work	Unit	Quantity	Rate		Amount		Remarks
				US\$	NRs	US\$	NRs	
1	Standard motorbike Air cooled four stroke gasoline system engine with engine displacement of minimum 215 cc developing power and torque not less than 20.0 HP and 18 Nm respectively	Unit	1		3,67,260.00		3,67,260.00	
	Sub total amount						3,67,260.00	
	*VAT @ 13%						47,743.80	
	Total Amount						4,15,003.80	



 Mechanical Engineer
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Estimate Sanction Form

1. Name of work: Supply and Delivery of one number of Motor bike (Min 215 cc)
2. Location:- Mapya Dudhkoshi Rural Municipality, Khastap (Solukhumbu)
3. a) The specifications of the proposed work is based on past procurement experiences and market study.
b) Estimated Amount= NRs. 4,15,000.00 (Four lacs fifteen thousands only)



Prepared by
Mechanical Engineer

4. a) The estimate of the proposed work is based on past procurement experiences and market study
b) All the numbers and arithmetical calculations carried out in this estimate are correct.
5. a) The submitted cost estimates, drawings are correct in accordance with the approved departmental norms and follow the general engineering principles in practice, hence is recommended.
b) Recommended amount= NRs.

Checked and Recommended by

6. For this work, an amount of = NRs. is approved.

Approved by