


Technical Specification

Owner:- Thawang Rural Municipality, Thawang (Rolpa)
Motorcycle -1 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 135 Kg. Should have electric self start arrangement for starting engine. Manufacturing Year must be 2023 or onwards.	Model - Kerb Weight - Manuf. Year-
2	Engine	Air cooled four stroke gasolina system engine with engine displacement of range 150±(10%) cc developing power and torque not less than 12 PS and 13 Nm respectively at the governed RPM.	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 with manual gear	
5	Brake	Front- ABS Rear- Disc brake	
6	Frame & suspension	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance	Minimum 160 mm	GC-
	Wheelbase	Minimum 1320 mm	WB-
8	Fuel tank capacity	Minimum 12 litres	FT-
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 6. Legguard	
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	One Set of tools as required for general maintenance shall be supplied with each unit.	
13	Proven Performance	1. The motor cycle offered shall be a current model under standard production by the manufacturer for at least one year. 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption,	


 मेकानिकल इन्जिनियर
 ठवाङ गाउँपालिका
 ठवाङ, रोल्पा
 हेमो इक्वीपमेण्ट डिभिजन



		performance curve of the engine etc.	
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 Emission Standard of the vehicle 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 make arrangements for the first two free servicing in a year after acceptance.	
19	Delivery	The motorcycle shall be delivered to: Thawang Rural Municipality Office of the rural municipal executive Thawang (Rolpa) Lumbini 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:
Om Bahadur Thapa
Mechanical Engineer
Heavy Equipment Division, Nepalgunj
Signature & Date

Om Bahadur Thapa
मेकानिकल ईन्जिनियर

