Technical Specification

Owner:-Marin Rural Municipality, Kapilakot (Sindhuli)

	rcycle (220 cc cate	gory) - One unit	OFFERE
S. N.	CRITERIA	TECHNICAL REQUIREMENTS	OFFERED
			SPECIFICATION
l	General	Motorcycle of sturdy design, suitable for driving	Model -
		in rough and hilly road condition of Nepal having	Kerb Weight -
		Kerb weight of minimum 145 Kg. Should have	Starting system:
*		electric self start and kick start arrangement for	
		starting engine.	
		Manufacturing year must be 2022 or onwards.	
2	Engine	Air cooled four stroke gasolina system engine	Engine
		with engine displacement of range 220±(15%)	displacement-
		cc developing power and torque not less than	Maximum output
		20.0 HP and 18 Nm respectively at the	power-
		governed RPM.	Maximum Torque-
3	Guages	To include instrument panel with	
		speedometer/odometer, fuel level indicator, etc as	
	The state of the s	necessary for efficient operation and maintenance	
		of the vehicle.	
4	Transmisión	Minimum five speed	
5	Brake	Mechanical or Hydraulic Brake with disc brake at	
		the front and drum/disc brake at rear.	, ⁴ , 2
6	Frame	Sturdy frame and suspensión with telescopic	
		shock absorbers.	
7	Ground Clearance	Minimum 160 mm	
-	Wheel Base	Minimum 1340 mm	
8	Fuel tank capacity	Minimum 12 litres	,
9	Essential	1. Head light, rear and turn signal lights	
	Accessories	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	The Supplier should provide the manufacturers'	
	Performance	data about the performance of the unit including	
		the fuel consumption and performance curve of	
1		the engine.	

		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:	
		Marin Rural Municipality Office of the rural muncipal executive Kapilakot (Sindhuli) Bagmati 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	٠.
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Date

Prepared By:

Om Bahadur Thapa Mechanical Engineer Heavy Equipment Division, Nepalgunj Sign and Date:-



Technical Specification

Owner:- Marin Rural Municipality, Kapilakot (Sindhuli) Motorcycle -1 unit

	Motorcycle -1	unit	OFFERED
	<u> </u>	TECHNICAL REQUIREMENTS	SPECIFICATION
V.	CRITERIA	TECHNORE	Model -
.		Motorcycle of sturdy design, suitable for driving in Kerb	Kerb Weight -
10	General	Motorcycle of sturdy design, suitable for rough and hilly road condition of Nepal having Kerb rough and hilly road condition of Nepal having Kerb rough and hilly road condition of Nepal having Kerb	Manuf. Year-
		rough and hilly road condition of Nepar having weight of minimum 135 Kg. Should have electric self weight of minimum 135 Kg. Should have electric self	Manut. 1 car
		weight of minimum 133 leg.	F
	*	start arrangement for starting one	9
		the 2022 or onwards.	
		Manufacturing Year must be 2022 or onwards.	
	e e	ealing system engine with	Engine
_	Engine	Air cooled four stroke gasonna sjotton cc	displacement-
2	Engine	Air cooled four stroke gasonna system of congine displacement of range 150±(10%) congine developing power and torque not less than 14 PS developing power and torque not less than 14 PS developing power and torque not less than 14 PS developing power and torque not less than 14 PS developing power and torque not less than 14 PS developing power and torque not less than 14 PS developing power and torque not less than 14 PS developing power and torque not less than 150±(10%) congressions.	Maximum outpu
1		developing power and torque not resourced RPM.	power-
1		developing power and torque not real and 13 Nm respectively at the governed RPM.	Maximum Torque-
1		tor efficien	
		To include necessary gauges and meters for efficien	
3	Guages		
		Minimum five speed with manual gear Minimum five speed with manual gear Minimum five speed with manual gear	e
4	Transmission	The hanical or Hydraulic Blake William	
5	Brake	front and disc/drum brake at rear.	1.
_		and suspension with terest	ik
6	Frame & suspensio	n Sturdy Iraine and out-	GC-
U		I ansorbers.	
7	Ground Clearance	Minimum 160 mm	WB-
,	Wheelbase	Minimum 1320 mm	FT-
8	Fuel tank capacity	Minimum 12 litres 1. Head light, rear and turn signal lights	
9	T doi tame	1. Head light, rear and turn signal s	
9		2. Two rear view mirrors	
	Essential	3. Safety/handle lock	
	Accessories	4. Seat for co-rider	
	Accessories	5. Helmet-1	
		6. Legguard All signs and instructions on the motorcycle shall be	e in
		All signs and instructions on the motorcycle share	
10	0 Instructions	English.	al in
			*
1	1 Manuals	One set of Operator's and Owner's motorcycle English shall be supplied with each motorcycle mainten	ance
		Cot of tools as required to. 8	arico
1	2 Tools	shall be supplied with each unit.	
'		Snall be supplied	and or
		ance 1. The motor cycle offered shall be a current model to	Indel
-	13 Proven Perform	standard production by the manufacturer for at	least
		standard production of	0.1
		one year.	of the
		one year. 2. The bidder shall provide the manufacturer's data performance of the unit to include the fuel consumption.	ption,
		performance of the unit to merade	
	- I si		

क्रोनिकल इंजिनियर

मेडक विमान इंक्वीप्रवेण्ट डिव्हिक

1		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:	
		Marin Rural Municipality Office of the municipal executive Kapilakot (Sindhuli) Bagmati 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.

Bide	ler's	Signature
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Date

Prepared By:

Om Bahadur Thapa Mechanical Engineer Heavy Equipment Division, Nepalgunj Sign and Date:-

मकानिकल होने प्रकारिक सरकार माल तथा प्रतासार मालक विकास मेनियमेण्ट डिस्टिक मेनालगंज, बँदेक