

Technical Specification


 दिभिर्जन प्रमुख

Owner:- Siddhicharan Municipality, (Okhaldhunga)

Motorcycle (160 +/- 2%) cc -14 units

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 °C to 45°C and up to altitude of 2000 meters having Kerb weight of minimum 135 Kg. Should have electric self start and kick start arrangement for starting engine.	Model -
			Kerb Weight -
			Starting system:
2	Engine	Air cooled four stroke gasolina system engine with engine displacement of range (160+/-2%)cc developing power and torque not less than 13 BHP and 13 Nm respectively at the governed RPM.	Engine type-
			Engine displacement-
			Maximum output power-
			Maximum Torque-
3	Gauges	To include necessary gauges and meters for efficient operation and maintenance of the vehicle.	
4	Transmission	Minimum five speed with manual gear	
5	Brake	Mechanical or Hydraulic Brake with disc brake at the front and drum/disc brake at rear.	
6	Frame & suspension	Sturdy frame and suspension with telescopic shock absorbers.	
7	Ground Clearance	Minimum 150 mm	
	Wheelbase	Minimum 1300 mm	
8	Fuel tank capacity	Minimum 12 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.	
		6. Leg guard	
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 each motorcycle - Operator's and Owner's Instruction.	
12	Tools	Set of tools as required for general maintenance shall be supplied with each unit.	


Er. Sandeep Agrawal
 N.E.C. Reg. No: 696 "Mechanical"

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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, 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 six free servicing in a year after acceptance.	
19	Delivery	The motorcycles 12 units shall be delivered to: <p style="text-align: center;"> Siddhicharan Municipality Office of the municipal executive (Okhaldhunga) Province No. 1, Nepal </p>	

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:

Er. Sandeep Agrawal
 NEC Regd. No.: 696 'Mechanical'
 Sign and Date:-


Er. Sandeep Agrawal
 N.E.C. Reg. No.: 696 'Mechanical'