नेपाल सरकार
भौतिक पूर्वाधार तथा यातायात मन्त्रालय
सडक विभाग

हेभी ईक्वीपमेन्ट डिभिजन

सुर्खेत (हाल नेपालगंज)

प.सं. प्रा.२०७८।०७९
च.नं. ८४

मिति :-२०७८।०८।२८

श्री तीनपाटन गाँउपालिका
लाम्पनटार (सिन्धुली)

विषयः मेकानिकल ईन्जिनियर पठाइएको सम्बन्धमा

उपरोक्त सम्बन्धमा तहाँको प.सं ०७८/०७९ ,च.नं. ७३६ को प्राप्त पत्रानुसार तहाँ कार्यालयका लागी खरिद गरिने सवारी साधनको लगत ईस्टिमेट तथा प्राविधिक स्पेशिफिकेशन तयार गर्न यस कार्यालयलाई थप आर्थिक दायित्व नपर्ने गरी मेकानिकल ईन्जिनियर श्री गोविन्द प्रसाद साहलाई खटाइएको ब्यहोरा अनुरोध छ।

संदीप अग्रवाल
(डिभिजन प्रमुख)
डिभिजन प्रमुख

बोधार्थः

मे.ई. श्री गोविन्द प्रसाद साहः माथी उल्लेख भएअनुसार सम्बन्धित कार्यालयसंग समन्वय गरी काम गर्नुहुन।

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मिति :-२०७८।०८।२९

श्री तीनपाटन गाँउपालिका
लाम्पनटार (सिन्धुली)

विषय : प्राविधिक स्पेशिफिकेशन तथा लगत इस्टिमेट पठाइएको सम्बन्धमा

उपरोक्त सम्बन्धमा तहाँ कार्यालयको प.सं.०७८।७९ ,च.नं. ७३६ को प्राप्त पत्र अनुसार तहाँ कार्यालयको लागी खरिद गरिने मोटरसाइकल अनुमानित १५० सिसि थान एकका लागी प्राविधिक स्पेशिफिकेशन तथा लगत ईस्टिमेट गरी पाना २(दुई) तथा मोटरसाइकल अनुमानित १६० सिसि थान एकका लागी प्राविधिक स्पेशिफिकेशन तथा लगत ईस्टिमेट गरी पाना २(दुई) गरी जम्मा पाना ४(चार) यसै पत्रसाथ संलग्न गरी पठाइएको व्यहोरा अनुरोध छ ।

नेपाल सरकार
यातायात मन्त्रालय
सडक विभाग
डिभिजन, सुर्खेत
नेपालगंज

गोविन्द प्रसाद साह
मेकानिकल इन्जिनियर
मेकानिकल इन्जिनियर

नोटः- १) मोटरसाइकल अनुमानित १५० सिसि का लागी रिफरेन्सका रुपमा प्रयोग गरिएका तपसिलमा उल्लेख विभिन्न तिन कम्पनीका ब्रोसरहरु

1) Bajaj Pulsar 150 SD
2) Honda Unicorn 150
3) Yamaha FZ 150

२) मोटरसाइकल अनुमानित १६० सिसि का लागी रिफरेन्सका रुपमा प्रयोग गरिएका तपसिलमा उल्लेख विभिन्न तिन कम्पनीका ब्रोसरहरु

1) Bajaj Pulsar 160 NS
2) Honda X Blade 160
3) TVS Apache 160

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Technical Specification

Owner:- Tinpatan Rural Municipality, (Sindhuli)
Motorcycle (Minimum 149cc) -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.	**Model -** Kerb Weight -
2	Engine	**Air cooled four stroke gasolina system engine with engine displacement of mínimum 149 cc developing power and torque not less than 12 PS and 12 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	Mechanical or Hydraulic Brake with disc brake at the front and disc/drum brake at rear.	
6	Frame & suspension	Sturdy frame and suspensión with telescopic shock absorbers.	
7	Ground Clearance Wheelbase	**Minimum 160 mm** **Minimum 1320 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	
		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, performance curve of the engine etc.	
14	Tyre	Standard tubeless road tyre	
15	Colour	Any standard color	

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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: **Tinpatan Rural Municipality** **Office of the rural municipal executive** **Lampantar (Sindhuli)** **Bagmati Province , Nepal**	
20	**Approximate Estimate**	**Npr. 3,00,000.00 (Three Lacs Only with VAT) per unit**	

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:
Gobind Prasad Sah
Mechanical Engineer
Heavy Equipment Division,Nepalgunj
Sign and Date:-

2078/08/29
मेकानिकल इन्जिनियर

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Technical Specification

Owner:- Tinpatan Rural Municipality, (Sindhuli)

Motorcycle (160 +/- 2%) 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 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 HP 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	Mechanical or Hydraulic Brake with disc brake at the front and drum/disc brake at rear.	
6	Frame & suspension	Sturdy frame and suspensión with telescopic shock absorbers.	
7	Ground Clearance Wheelbase	**Minimum 160 mm** **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.	

इन्जिनियर

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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 Size	
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 motorcycles shall be delivered to: **Tinpatan Rural Municipality** **Office of the rural municipal executive** **Lampantar (Sindhuli)** **Bagmati Province, Nepal**	
20	**Approximate Estimate**	**Npr. 3,25,000.00 (Three Lacs Twenty Five thousands only) per unit**	

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:
Gobind Prasad Sah
Mechanical Engineer
Heavy Equipment Division, Nepalgunj
Sign and Date:-

2078/08/29
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नेपाल सरकार
यातायात व्यवस्था मन्त्रालय
सडक विभाग
डिभिजन, सुर्खेत
नेपालगंज

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