

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
22.	Initial Service	warranty after acceptance. The supplier shall provide free of cost for the first two services, after the vehicle has been commissioned and accepted.	
23	Delivery	The Double-cab Pickup, RHD, (4WD), 1 unit, shall be delivered to: Office of Rural Municipal Executive Bhumlu Rural Municipality	

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.

Prepared By:

Signature:

Name: Dipak Sharma

Designation: Mechanical Engineer, NEC 1357

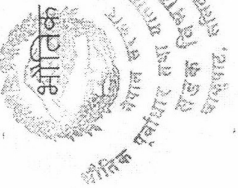
Office: Department of Roads, Mechanical Branch



Madan Kumar Bajgain
Chief Administrative Officer



नेपाल सरकार



भौतिक पूर्वाधार तथा यातायात मन्त्रालय

सडक बिभाग

यान्त्रिक महाशाखा

पत्र संख्या :- ४.०७६/७७

चलानी नम्बर :- ४३३



ई-मेल: dormechb@dot.gov.np

फ्याक्स: (९७७)-०१५००५५३४

फोन: (९७७)-०१५००५५३४

हाल चाकुपाट, ललितपुर।

मिति:- २०७६/११/३०
२०७६/१२/२

विषय: मेकानिकल ईन्जिनियर खटाइ पठाइएको सम्बन्धमा ।

श्री भुम्लु गाउँपालिका,
गाउँ कार्यपालिकाको कार्यालय,
सल्ले, काभ्रेपलाञ्चोक ।

उपरोक्त सम्बन्धमा तहाँको च.नं. १५१७, मिति २०७६।१।२७ को पत्रमा उल्लेख भए अनुसार को सवारी साधनहरु खरिद गर्ने कार्यका लागी यस विभागका मेकानिकल ईन्जिनियर श्री दिपक शर्मा लाइ खटाइएको व्यहोरा निर्देशनसार अनुरोध छ ।

R. Sawan
१२/२

(अशोक कुमार श्रेष्ठ)

अशोक कुमार श्रेष्ठ
सि.डि.ई.

बोधार्थ :

मे.ई. श्री दिपक शर्मा: उक्त कार्यमा सहयोग गरिदिनुहुन ।

Cost Estimate for the Purchase of Motorbike

The major technical specifications of the Motorcycle that is intended to be purchased by **Bhumlu Rural Municipality, Salle, Kavreplanchowk** are as follows:

1. Type : Motorcycle of sturdy design **150 cc ($\pm$ 5 cc)**
2. Power output at governed RPM: Not less than 13 PS
3. Torque output at governed RPM: Not less than 12 Nm
4. Minimum Ground clearance : 150 mm
5. Essential Accessories: As per stated on Technical Specification
6. Warranty: A minimum of one year warranty after acceptance

Based on the past experiences of procurement, enquiries recently made with suppliers and budget allocated for the procurement of vehicle, the cost of the motorcycle intended to be purchased having above technical specification is estimated as below:

S. No.	Description	Quantity	Unit Estimated Cost (in NRs.) (Including VAT and other taxes)	Total Estimated Cost (in NRs.) (Including VAT and other taxes)	Remarks
1.	Motorcycle of sturdy design	3 units	Appx. 2,60,000.00 In words Two Lakhs Sixty thousands only	Appx. 7,80,000.00 In words: Seven Lakhs Eighty thousands only	Estimated cost

Prepared by:

Dipak Sharma
Mechanical Engineer
Department of Roads

MEC No. 1357/02
Bhumlu Rural Municipality

Approved by:

Madan Kumar Bajgain
Chief Administrative Officer



Date : 2076/12/02

Technical Specification

For supply and delivery of Motor bike

Qty: 3 units

S. N.	Criteria	Required Specification	Offered Specification
1.	General	Motorcycle of sturdy design suitable for normal and rough road driving in Nepal.	Make: Model: Year:
2.	Engine	4-Stroke, 150 cc (± 5 cc), air cooled Petrol engine, developing Maximum rated power output not less than 13 PS at governed RPM & Torque not less than 12 Nm , shall fully equipped with accessories for efficient full load operation of the Motorcycle.	Make: Model: Year:
3.	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard -2069 (EURO-III), Which is to be certified by Department of Transport Management, Nepal	
4.	Gauges	To include speedometer, fuel etc. as necessary for efficient operation and maintenance.	
5.	Clutch	Multi plate wet Plate	
6.	Transmission	Chain Drive, Manual shift at least 5 speed	
7.	Dimension and Weight	High Ground clearance preferred, minimum 150 mm. Kerb Weight Not Less than 130 kg	
8.	Suspension	Front: Telescopic hydraulic shock absorbers Rear: Monoshock/ Double hydraulic shock.	
9.	Tires	Standard Size, factory fitted tubeless	
10.	Starting	Self starter/Kick Starter	
11.	Brakes	Front: Disc Rear: Disc/Drum	
12.	Essential accessories	A. Standard Helmet B. Head light, tail and rear light, C. Turn signals D. Speedometer E. Odometer/Tripmeter F. Helmet Lock G. Leg guard Shall be equipped with all Standard Accessories offered in standard model	
13.	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	
14.	Color	Standard color	


 Madan Kumar Bajgain
 District Administrative Officer




 Madan Kumar Bajgain
 District Administrative Officer

Technical Specification

For supply and delivery of Motor bike		Qty: 3 units
15.	Proven Performance The Motorcycle offered shall be under standard production by the manufacturer and should be current model manufactured not earlier than year 2019.	
16.	Warranty Manufacturer shall provide a minimum of One year warranty after acceptance.	
17.	Fuel Tank Not less than 12 Litres.	
18.	Delivery The motorcycles, 3 units shall be delivered to: Office of Rural Municipal Executive Bhumlu Rural Municipality, Salle, Kavreplanchowk	

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.

Prepared By:

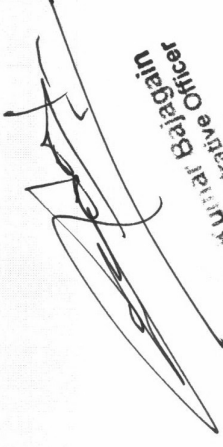
Signature: 

Name: Dipak Sharma

Designation: Mechanical Engineer,
NEC 1357

Office: Department of Roads,
Lalitpur




Madan Kumar Balaain
Chief Administrative Officer

Cost Estimate for the Purchase of Motorbike

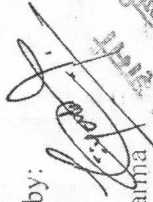
The major technical specifications of the Motorcycle that is intended to be purchased by Bhumlu Rural Municipality, Salle, Kavreplanchowk are as follows:

1. Type : Motorcycle of sturdy design Not less than 150 cc
2. Power output at governed RPM: Not less than 12 HP
3. Torque output at governed RPM: Not less than 12 Nm
4. Minimum Ground clearance : 220 mm
5. Essential Accessories: As per stated on Technical Specification
6. Warranty: A minimum of one year warranty after acceptance

Based on the past experiences of procurement, enquiries recently made with suppliers and budget allocated for the procurement of vehicle, the cost of the motorcycle intended to be purchased having above technical specification is estimated as below:

S. No.	Description	Quantity	Unit Estimated Cost (in NRs.) (Including VAT and other taxes)	Total Estimated Cost (in NRs.) (Including VAT and other taxes)	Remarks
1.	Motorcycle of sturdy design	1 unit	Appx. 4,00,000.00 In words: Four Lakhs only	Appx. 4,00,000.00 In words: Four Lakhs only	Estimated cost

Prepared by:


Dipak Sharma
Mechanical Engineer,
Department of Roads

MEC No. 1357/A
2073

Approved by:


Madan Kumar Bajgain
Chief Administrative Officer



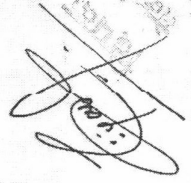
Date : 2076/12/02

Technical Specification

Qty: 1 unit

For supply and delivery of Off-road Dirt Motor bike

S. N.	Criteria	Required Specification	Offered Specification
1.	General	Off-road Dirt Motorcycle of sturdy design suitable for normal and rough road driving conditions of Nepal.	Make: Model: Year:
2.	Engine	4-Stroke, Not less than 150 cc , air cooled Petrol engine , developing Maximum rated power output not less than 12 HP at governed RPM & Torque not less than 12 Nm , shall fully equipped with accessories for efficient full load operation of the Motorcycle.	Make: Model: Year:
3.	Emission Standard	The Emission Standard of the vehicle should be of Nepal Vehicle Mass Emission Standard -2069 (EURO-III), Which is to be certified by Department of Transport Management , Nepal	
4.	Gauges	To include speedometer, fuel etc. as necessary for efficient operation and maintenance.	
5.	Clutch	Multi plate wet Plate	
6.	Transmission	Chain Drive, Manual shift at least 5 speed	
7.	Ground clearance	High Ground clearance preferred, minimum 220 mm.	
8.	Suspension	Front; Telescopic hydraulic shock absorbers Rear: Monoshock/ Double hydraulic shock.	
9.	Tires	Standard Size, factory fitted tubeless	
10.	Starting	Electric starter and Kick Starter	
11.	Brakes	Front: Disc Rear: Disc	
12.	Essential accessories	A. Standard Helmet B. Head light, tail and rear light, C. Turn signals D. Speedometer E. Odometer/Tripmeter F. Helmet Lock Shall be equipped with all Standard Accessories offered in standard model	
13.	Manuals	Copy of the Operator's and Owner's instructions in English shall be supplied with each vehicle.	
14.	Color	Standard color	


 Madan Kumar Bajgain
 Administrative Officer



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Technical Specification

For supply and delivery of Off-road Dirt Motor bike

			Qty: 1 unit
15.	Proven Performance	The Motorcycle offered shall be under standard production by the manufacturer and should be current model manufactured not earlier than year 2019.	
16.	Warranty	Manufacturer shall provide a minimum of One year warranty after acceptance.	
17.	Fuel Tank	Not less than 12 Litres.	
18.	Delivery	The motorcycles, 1 unit shall be delivered to: Bhumlu Rural Municipality Salle, Kavreplanchowk	

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.

Prepared By:

Signature:

Name: Dipak Sharma

Designation: Mechanical Engineer.

NEC 1357

Office: Department of Roads,

Lalitpur



(Signature)
Madan Kumar Balagain
Chief Administrative Officer

Cost Estimate for the Purchase of Double Cab 4WD Pickup

The major technical specifications of the Double Cab 4WD Pickup that is intended to be purchased by **Office of Rural Municipal Executive, Bhumlu Rural Municipality** are as follows:

1. Type : RHD, Double Cab 4WD Pickup
2. Power output at governed RPM: Not less than 60 Hp
3. Torque output at governed RPM: Not less than 190 Nm
4. Transmission : Manual shift, at least 5 forward and 1 reverse all forward synchromesh
5. Steering: Power assisted/Power steering
6. Essential Accessories: As per stated on Technical Specification
7. Warranty: A minimum of one year warranty after acceptance

Based on the past experiences of procurement, enquiries recently made with suppliers, and budget allocated for the procurement of vehicle, the cost of the Double Cab 4WD Pickup intended to be purchased having above technical specification is estimated as below:

S. No.	Description	Quantity	Unit Estimated Cost (in NRs.) (Including VAT and other taxes)	Total Estimated Cost (in NRs.) (Including VAT and other taxes)	Remarks
1.	RHD Double Cab 4WD Pickup	1 unit	Appx. 28,00,000.00 In words: Twenty Eight Lakhs Only	Appx. 28,00,000.00 In words: Twenty Eight Lakhs Only	Estimated cost

The product catalogue/technical specifications of the following make/model considered for preparation of cost estimate:

Make:
Mahindra
Tata

Model
Bolero 4WD DC with P/S
Yodda 4WD DC

Prepared by:

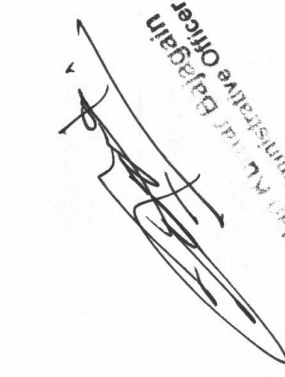
Dipak Sharma

Mechanical Engineer, NEC 1357

Department of Roads, Lalitpur

Date : 2076/12/01




Madan Kumar Bajgain
Chief Administrative Officer

Technical Specification for Procurement of 4WD Double Cab Pickup

Office of Rural Municipal Executive
Bhumlu Rural Municipality, Kavreplanchowk

Qty: 1

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
1	General	Double cab Pickup. Right Hand Drive model with two and four wheel drive mode, suitable for driving both in ON-ROAD condition giving smooth economic performance and in OFF-ROAD conditions capable of delivering strong adequate traction and maneuverability/stability needed for safe driving in rough, sandy or slippery and hilly road conditions in Nepal at an altitude upto 3000 meter and in ambient temperature between -5°C to 50°C. Gross vehicle weight of the vehicle shall not be less than 2700 kg Vehicle shall have seating capacity for at least 5 passengers including driver.	Make: Model: Country of Origin:
2	Engine	Water cooled diesel Engine, developing maximum rated Power output not less than 60 Hp and Torque not less than 190 N-m at rated RPM. The Engine shall be turbocharged fully equipped with all necessary items/ accessories and controlling devices for safe, smooth, efficient, economical operation and optimizing vehicle performance, producing lesser amount of pollutive emissions.	Make: Model:
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior to the applicable Standard as prescribed by Nepal Vehicle Mass Emission Standard which is to be certified by Department of Transport Management.	
4	Gauges	Fitted with all the gauges, indicators, signals as necessary for efficient operation, functional monitoring, vehicle performance and maintenance that includes (but not limited to), water temperature, fuel, oil pressure etc. with all standard items of offered model vehicle	
5	Transmission	Manual shift, at least five forward and one reverse, all forward synchromesh, 4WD engaged through control at driver.	
6	Ground clearance	Higher ground clearance preferred	

भुम्लु रुरल मुनिसिपालिटी
काठमाडौं, नेपाल
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२०७३
Bhumlu Rural Municipality

महानगर प्रशासक
महानगर प्रशासक

S.N.	CRITERIA	DEPARTMENTAL REQUIREMENT	OFFERED SPECIFICATION
7	Suspension	Suitable for toughest terrain, smooth ride, stable handling and comfortable driving conditions. Front: Independent, Double wishbone with coil spring and stabilizer/Torsion Bar/Leaf Spring and Shock absorber. Rear: Leaf springs /shock absorbers	
8	Tyres	Standard Size	
9	Steering	Power assisted/Power Steering	
10	Brakes	Front Disc type, rear drum type, hydraulic operated on all wheels, and parking brake.	
11	Fuel Tank Capacity	Not less than 45 Liters.	
12	Cab	4 doors, all metallic cab with insulated roof, right hand drive, wipers, glass windows on doors, through ventilation, comfortable seats for driver and passenger, two sun visors, and two side view mirrors and rear-view mirror. Rear body to be metallic, pickup type with drop type tail board.	
13	Chassis and Frame	Steel, heavy duty high rigidity frame structure suitable for rough road conditions with hook at front.	
14	Essential Accessories	• Head light, tail and rear light, reversing light and turn signals. • Cabin lights • Speedometer / odometer. • 1 Spare wheel with tyre and tube • Hydraulic/Mechanical jack with handle • Front seat belt for driver and co-passenger Equipped with all accessories offered in standard model but not limited to the above items.	
15	Instructions	All signs and instructions in the vehicle shall be in English.	
16	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each vehicle.	
17	Tools	A set of tools, with a tool bag, as required for general maintenance shall be supplied with each unit.	
18	Color	Standard Color	
19	Proven performance	The vehicle offered shall be a current model under standard production by the manufacturer for at least one year and shall be of latest model not earlier than 2019 .	
20	Warranty	Manufacturer shall provide a minimum of one year	