



# कानेपोखरी गाउँपालिका

## Kanepokhari Rural Municipality

गाउँ कार्यपालिकाको कार्यालय  
Office of the Rural Municipal Executive  
बयरवन, मोरङ / Bayarban, Morang

प्रदेश नं. १, नेपाल  
Province No. 1, Nepal

प.सं.: २०७९/०८०

च.नं.: २२२३

मिति: २०८०/०२/०३



श्री सम्पूर्ण कृषि मेशिनरी औजार उपकरण सप्लायर्सहरु ।

विषय: दररेट पेश गर्ने बारे सूचना ।

प्रस्तुत विषयमा कानेपोखरी गाउँपालिकाको वार्षिक स्वीकृत कार्यक्रमअनुसार कृषकको मागमा आधारित ५०% लागत साझेदारीमा मेशिनरी औजार उपकरण वितरणको कार्यक्रम सञ्चालनका लागि तपसिल बमोजिम स्फेसिफिकेशन भएका मेशिनरी औजार उपकरणहरुको दररेट सूचना प्रकाशन गरेको मितिले ७ दिन कार्यालय समय भित्र कानेपोखरी गाउँपालिकाको कार्यालयमा अथवा कानेपोखरी गाउँ कार्यपालिकाको ईमेल ठेगाना: [kanepokharimun@gmail.com](mailto:kanepokharimun@gmail.com) मा पेश गर्नुहुन अनुरोध छ ।

तपसिल:

क्र.स	मेशिनरी औजारको नाम	क्षमता	स्फेसिफिकेशन	कैफियत
१	पावर टिलर	२० hp		
२	मिनि टिलर	९ hp		
३	रिपर(पावर टिलरमा अट्याच हुने)	४-५ blades		
४	ज्याव प्लान्टर			
५	मकै गोड्ने मेशिन			
६	मकै छोड्याउने मेशिन			
७	पोर्टेबल मिलिङ मेशिन			
८	मल्लिङ प्लाष्टिक			
९	ब्रस कटर			
१०	तिन पाङ्ग्रे ठेला			
११	विडर मेशिन			
१२	सिँचाई मोटर			
१३	प्लाष्टिक टनेल	९० GSM		
१४	प्लाष्टिक टनेल	१२० GSM		
१५	स्प्रेयर २ ईन १			
१६	ल्याइस्ट्रथ मौरी घर सुपरसहित			
१७	महमदानी			
१८	महु प्रशोधन गर्ने मेशिन			



## Technical Specification

### 1. Mini Tiller 9 HP

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	<b>Diesel Mini tiller suitable for paddy ,wheat , potato and other</b> suitable crop in Nepal.	
2	Engine	9 HP Single Cylinder ,vertical , 4 stock , Direct injection , RPM 3000 /3600 Power tiller	
3	Fuel Type	Diesel	
4	Fual Tank Capacity	Not less than 5.5 l	
5	Cooling Type	Force air cool system	
6	Transmission Type	Gear	
7	Tilling width	1000 to 3550	
8	Tilling Depth	Greater than 100 mm	
9	Weight	130 Kg -150 Kg	
10	Instructions	All signs and instructions in the vehicle shall be in English.	
11	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
12	Tools	A set of tools as required for general maintenance shall be supplied.	
13	Proven performance	The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine .	
14	Warranty	Manufacturer shall provide a <b>minimum of one-year warranty after acceptance.</b>	
21	Initial Service	The supplier shall provide the vehicle all the necessary filters and spare parts required for the first two services, after the vehicle has been accepted.	

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## 2. Power tiller

### Technical Specification Power Tiller 20 HP.

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	Diesel Powertiller suitable for paddy ,wheat , potato and other suitable crop in Nepal.	Make: Model:
2	Engine	Not less than 20 HP Single Cylinder ,Horizontal 4 stock , Power tiller	Make: Model:
3	Fuel Type	Diesel	
4	Engine mass	210(+70) kg.	
5	Overall Dimensions	2680*1030*1250 mm(+100 mm)	
6	Cooling Type	Condenser (Radiator) system	
7	Transmission Type	Gear	
8	Tilling width	1000 to 3550	
9	Tilling Depth	Greater than 100 mm	
10	Structure Weight without Rotavator	383-503kg	
11	Structure weight with rotavator	498-518 kg	
12	Working weight with rotavator	533-563 kg	
13	Turning speed of Rototilling shaft	188-300 rpm	
14	Tyre size	6-12	
15	Wheel track	800(+160)mm	
16	Min.ground clearance	185 mm (+10)	
17	Min.Turning radius	0.9(with no Rotavator)	
18	Compression ratio of engine	17:1	
19	Turning speed of crankshaft	2200(+200)Rpm	
20	Specific Lube oil Consumption	Less than or equal to 244.8 g/kwh	
21	Travelling Speed forward	1.4 to 16 km/hr	
22	Travelling speed reverse	1 to 4 km/hr	
23	Instructions	All signs and instructions in the vehicle shall be in English.	
24	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.	
25	Tools	A set of tools as required for general maintenance shall be supplied.	

*(Signature)*  
बुद्धिनाथ तिमिसिना  
कृषि इन्जिनियर

CS Scanned with CamScanner





### 3. Technical Specification of electric Chaff Cutter

SN	Description	Required Specifications	Offered Specification
1	Roller Size	At least 8 "	
2	Number of roller	<b>At least 2 Roller</b>	
3	Number of Cutting blade	At	
4	Gear Set	<b>Gear Set 15 teeth</b>	
5	Electric motor power Required	<b>2 HP single phase, RPM 1440</b>	
6	Motor Pulley	At least 3" motor pulley	
7	Output Chaff Size	10-12 mm	
8	Rotation direction	Clock wise	
9	Materials use – roller, bracket, motor pulley, gear	Cast iron	
10	Materials use – angle patti, plate, nut bolt	Mild Steel	
11	Materials use –Gear Box	<b>Mild Steel</b>	
12	Blade material	High Carbon steel	
13	Drive and Running operation system	<b>Combination of V-belt/flat belt</b>	
14	Drive wheel	<b>mild steel</b>	
15	Chaff Cutter type	Table top 42" frame	
16	User's manual	1 copy in English/Nepali	

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#### 4. 3 in one mill

S.N	Description	Specification	Offered Specification
1	Power	<b>Motor Power: 1.5 - 3 HP</b>	
2			
3	Milling Capacity	Rice: 100 kg/hour	
4		Wheat: 80 kg/hour	
5		Flour: 50 kg/hour	
6	Milling Mechanism	<b>Grinding and separating mechanisms , Hopper or feeding mechanism, Sharp grinding blades/stones Sieves/screens for separation Coarseness/fineness control</b>	
7			
8			
9			
10			
11	Adjustable Settings		
12	Construction	Durable and food-grade materials (e.g., stainless steel)	
13	Safety Features	Automatic shut-off mechanisms	
14		Proper insulation	
15	Size and Portability	Compact and lightweight	
16	Power Source	Standard household electricity (AC power)	
17	Additional Features	Grain storage compartments	
18		Automatic grain feeding systems Digital displays for monitoring	

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## 5. Sprayer

S.N.	Description	Specification	Offered Specification
1	Type	Backpack Electric and manual sprayer	
2	Capacity	Not less than 15 liters	
3	Nozzle Type	Adjustable brass nozzle	
4	Pump Type	Manual and Electric piston pump	
5	Tank Material	UV-resistant polyethylene plastic	
6	Pressure	Adjustable pressure	
7	Spray Range	Up to 8 meters	
8	Straps	Adjustable padded shoulder straps	
9	Spray Patterns	Cone, fan, and jet	
10	Usage	Suitable for agricultural, Horticultural, and garden use	
11	Additional Features	Pressure release valve for safety,	

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## 6. Maize Seller

S.N.	Description	Specification	Offered specification
1.	Power Source	Electric (AC)	
2.	Voltage	voltage requirement, 220V]	
3.	Motor Power	motor power rating, 1.5 kW]	
4.	Capacity	300 kg per hour	
5.	Cone Material	Food-grade stainless steel	
6.	Dimensions	Suitable for portable	
7.	Weight	Not less than 20 kg	
8.	Control Panel	Equipped with an intuitive control panel	
9.	Features	Double Cone Design	
		Adjustable Separation Speed	
		Easy Loading and Unloading	
		Safety Features	
		Easy Maintenance	
		Portable and Compact	
10.	Operational Requirements	Power Supply	
		Operator Training	
		Maintenance	
11.	Optional Accessories	Additional Separation Screens	
		Mobile Stand	

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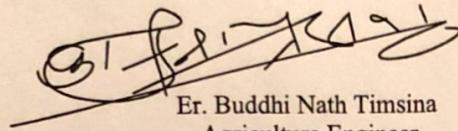


### 7. Maize planter (jab)

S.N.	Description	Specification	Offered specification
1.	Power Source	Manual	
2.	Overall height	Not less than 30"	
3.	Type	Dual, fertilizer is adjustable	
4.	Capacity	2 kattha per hour	
5.	Roller	Food-grade plastics and may adjustable for different types of seed .eg,maize ,beans ,peanut etcs.also adjustable number of seeds.	

The technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offered.

Bidder's Signature..... Date.....



Er. Buddhi Nath Timsina  
Agriculture Engineer  
Council Redg. No.-361" Agriculture" "A"Category

