



स्थानीय सरकार
Local Government

प्रतापपुर गाउँपालिका

Pratappur Rural Municipality

गाउँ कार्यपालिकाको कार्यालय

Office of The Municipal Executive

बेलाटारी, नवलपरासी (बर्दघाट-सुस्ता पश्चिम)

Belatari, Nawalparasi (Bardghat-Susta West)

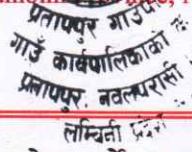
लुम्बिनी प्रदेश, नेपाल

Lumbini Province, Nepal



प.स.(Ref. No.): - ०८१/०८२

च.नं. (Des. No.): -



मिति: २०८२/०२/०८

विषय: दररेट पेश गर्ने सम्बन्धमा ।

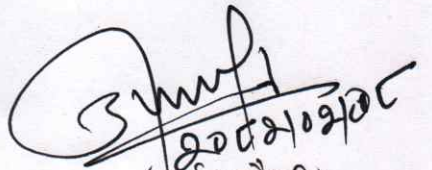
श्री फर्म/ सप्लायर्स / आपूर्तिकर्ता

प्रस्तुत विषयमा यस प्रतापपुर गाउँपालिकाको लागि तपसिलको कृषि सामाग्री संलग्न टेक्निकल स्पेसिफिकेशन अनुसार (२HP मोटर, पम्पसेट ५HP, मिनीटिलर ७ र ९ HP, पावरटिलर १८, २०, २२ HP, पावर विडर, ब्रास कटर, र पावर स्प्रेयर) खरिद गर्नु पर्ने भएकोले ईच्छुक संस्था तथा कम्पनी एवं फर्मबाट दर रेट खुल्ने कोटेशन तोकीएको अबधी भित्र गाउँपालिका कार्यलयमा ७ दिन दररेट पेश गर्नु हुनको लागी सुचित गरिएको छ ।

- सामानको नाम: २HP मोटर, पम्पसेट ५HP, मिनीटिलर ७ र ९ HP, पावरटिलर १८, २०, २२ HP, पावर विडर, ब्रास कटर, र पावर स्प्रेयर
- परिणाम: कार्यलयको आवश्यकता अनुसार
- कोटेशन पेश गर्ने अबधी: २०८२/०२/१४ गते सम्म
- कोटेशनको साथ पेश गर्नु पर्ने कागजात:
 - संस्था दर्ता प्रमाण पत्र
 - कर चुक्ता प्रमाण पत्र
 - परिमाण तथा दररेट खुलेको प्रमाण
 - भ्याट/प्यान दर्ता प्रमाण पत्र

बोधार्थ:-

सूचना प्रविधि शाखा:- गाउँपालिकाको वेबसाइटमा अपलोड गरिदिनु हुन ।


(अर्जुन चौधरी)
प्रमुख प्रशासकीय अधिकृत
अर्जुन चौधरी
प्रमुख प्रशासकीय अधिकृत

“ हामी सबैको सार्थक प्रयास, प्रतापपुरको समग्र विकास ”

Website: - <https://pratappurmun.gov.np> Email: - info@pratappurmun.gov.np ito.pratappurmun@gmail.com Contact: - 078419095


Technical Specifications of Brush Cutter

For the Supply and Delivery of Brush Cutter

Date: 2082-01-31

S.No.	CRITERIA	REQUIREMENT	Offered Specification
1	General	The brush cutter should be suitable for cutting grass, weeds, bushes, and crops in rural and semi-urban field areas. It must be durable, efficient, and lightweight for ease of operation.	
2	Prime Mover	Petrol engine, 2-stroke type.	
3	Engine Displacement	Should be not less than 50 cc.	
4	Power	Minimum 1.6 HP (1.2 kW) , operating at around 6500 RPM.	
5	Fuel System	Compatible with Petrol with 2T oil mix.	
6	Blade	Should support multiple blade types , including nylon and metal blades.	
7	Starting System	Should have a manual recoil starting system.	
8	Handle & Shaft	Ergonomic handle with flexible or rigid shaft and anti-vibration system.	
9	Portability	The machine should be portable, light weight and can be carried on the back with harness or shoulder strap.	
10	Manuals	The machine shall be supplied with one copy of the Operator's and Owner's Instructions.	
11	Color	Standard color as per manufacturer's options.	
12	Warranty	The machine shall be covered by a warranty for a minimum of one-year post-acceptance.	
13	Delivery	The Brush Cutter shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.)	

[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.]


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Technical Specifications of Power Weeder

Date: 2082-01-31

S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	The power weeder should be suitable for weeding, intercultural operations, and soil loosening in wide row crops like sugarcane. It should be durable and operable in varying field conditions found in Nepal.	
2	Rated Power	Minimum 5 HP petrol or diesel engine	
3	Engine Type	Air-cooled, 4-stroke, single-cylinder	
4	Starting System	Manual Recoil / Electric Start	
5	Fuel Used	Petrol or Diesel	
6	Fuel Tank Capacity	3 liters or more	
7	Transmission Type	Belt or Gear Drive with clutch mechanism	
8	Width	Adjustable, 600 mm to 900 mm or more	
9	Blade Type	Dryland and wetland tynes; sugarcane-suitable attachments	
10	Number of Gears	Minimum 2 Forward, 1 Reverse	
11	Tyre Type	Pneumatic or cage wheels	
12	Accessories	Standard tool kit, adjustable handlebar, multiple blade sets, depth regulator, side disc/crop guard	
13	Manuals	Operator's and Maintenance manual must be provided	
14	Warranty	Minimum one-year post-acceptance warranty	
15	Delivery	The machine shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.) .	
16	Suitability	Must be proven and demonstrated suitable for sugarcane fields in Nepal, preferably with references to use cases or field testing.	

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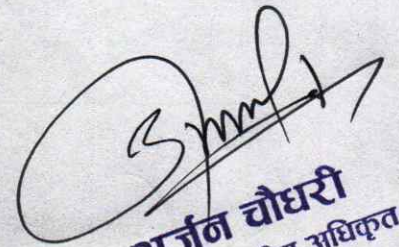
Technical Specifications of 18 HP Power Tiller

S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	The power tiller shall be suitable for puddling, inter-cultivation, ploughing, and hauling operations in agricultural fields.	
2	Rated Power	18 HP (13.4 kW) or higher	
3	Engine Type	Single cylinder, water-cooled, 4-stroke diesel engine	
4	Starting System	Manual/Electric Start	
5	Transmission	Manual gear transmission with multiple forward and reverse speeds	
6	Fuel Tank Capacity	Not less than 10 Liters	
7	Weight	Minimum 600 kg (without implements)	
8	Cultivation Width	800 mm or more	
9	Cultivation Depth	100 mm or more	
10	No. of Blades	Minimum 24 tynes	
11	Accessories	Standard accessories including rotary, side disc, cage wheel, front weight, and tool kit	
12	Manuals	The machine shall be supplied with one copy of the Operator's and Owner's Instructions	
13	Color	Standard color as per manufacturer's options	
14	Warranty	Minimum one-year post-acceptance warranty	
15	Delivery	The tiller shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.).	

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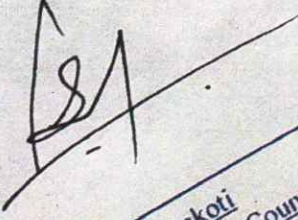
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Technical Specifications of 20 HP Power Tiller

S.No.	S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	1	General	The power tiller shall be suitable for puddling, inter-cultivation, ploughing, and hauling operations in agricultural fields.	
2	2	Rated Power	20 HP (14.9 kW) or higher	
3	3	Engine Type	Single cylinder, water-cooled, 4-stroke diesel engine	
4	4	Starting System	Manual/Electric Start	
5	5	Transmission	Manual gear transmission with multiple forward and reverse speeds	
6	7	Fuel Tank Capacity	Not less than 10 Liters	
7	8	Weight	Minimum 600 kg (without implements)	
8	9	Cultivation Width	800 mm or more	
9	10	Cultivation Depth	100 mm or more	
10	11	No. of Blades	Minimum 24 tynes	
11	13	Accessories	Standard accessories including rotary, side disc, cage wheel, front weight, and tool kit	
12	14	Manuals	The machine shall be supplied with one copy of the Operator's and Owner's Instructions	
13	15	Color	Standard color as per manufacturer's options	
14	16	Warranty	Minimum one-year post-acceptance warranty	
15	17	Delivery	The tiller shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.) .	

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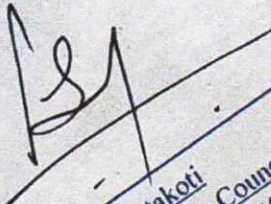

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Technical Specifications of 22 HP Power Tiller

S.No.	S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	1	General	The power tiller shall be suitable for puddling, inter-cultivation, ploughing, and hauling operations in agricultural fields.	
2	2	Rated Power	22 HP (16.4 kW) or higher	
3	3	Engine Type	Single cylinder, water-cooled, 4-stroke diesel engine	
4	4	Starting System	Manual/Electric Start	
5	5	Transmission	Manual gear transmission with multiple forward and reverse speeds	
6	7	Fuel Tank Capacity	Not less than 10 Liters	
7	8	Weight	Minimum 600 kg (without implements)	
8	9	Cultivation Width	800 mm or more	
9	10	Cultivation Depth	100 mm or more	
10	11	No. of Blades	Minimum 24 tynes	
11	13	Accessories	Standard accessories including rotary, side disc, cage wheel, front weight, and tool kit	
12	14	Manuals	The machine shall be supplied with one copy of the Operator's and Owner's Instructions	
13	15	Color	Standard color as per manufacturer's options	
14	16	Warranty	Minimum one-year post-acceptance warranty	
15	17	Delivery	The tiller shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.) .	

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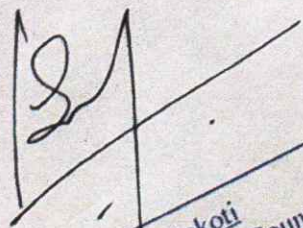
Technical Specifications of Mini Tiller (7 HP)

Mini Tiller – 7 HP Petrol Engine

Date: 2082-01-31

S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	The mini tiller machine should be suitable for agricultural land preparation in rural areas. It should be efficient, durable, and portable.	
2	Rated Power	Not less than 7 HP (5.2 kW) .	
3	Rated Speed	Should be 3000 RPM or more.	
4	Engine Type	Air-cooled, Single-cylinder, 4-stroke Petrol engine .	
5	Fuel Used	Petrol	
6	Fuel Tank Capacity	Minimum 3.0 Litres .	
7	Transmission Type	Manual Gear Transmission with minimum 2 Forward + 1 Reverse Gear .	
8	Starting System	Manual Recoil Starting System.	
9	Cultivator Width	Minimum 700 mm .	
10	Cultivator Depth	Minimum 100 mm .	
11	Number of Blades	Minimum 24 tynes or more.	
12	Manuals	The machine shall be supplied with one copy of the Operator's and Owner's Instructions.	
13	Color	Standard color as per manufacturer.	
14	Warranty	Minimum 1-year warranty post-acceptance .	
15	Delivery	The tiller shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.) .	

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Technical Specifications of Mini Tiller (9 HP)

Mini Tiller – 9 HP Petrol Engine

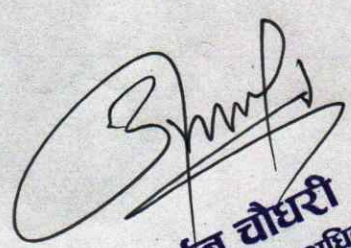
Date: 2082-01-31

S.N.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	The mini tiller machine should be suitable for agricultural land preparation in rural areas. It should be efficient, durable, and portable.	
2	Rated Power	Not less than 9 HP (6.7 kW) .	
3	Rated Speed	Should be 3000 RPM or more.	
4	Engine Type	Air-cooled, Single-cylinder, 4-stroke Petrol engine.	
5	Fuel Used	Petrol	
6	Fuel Tank Capacity	Minimum 3.0 Litres .	
7	Transmission	Manual Gear Transmission with minimum 2 Forward + 1 Reverse Gear .	
8	Starting System	Manual Recoil Starting System.	
9	Cultivator Width	Minimum 700 mm .	
10	Cultivator Depth	Minimum 100 mm .	
11	Number of Blades	Minimum 24 tynes or more .	
12	Manuals	The machine shall be supplied with one copy of the Operator's and Owner's Instructions.	
13	Color	Standard color as per manufacturer.	
14	Warranty	Minimum 1-year warranty post-acceptance .	
15	Delivery	The tiller shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.) .	

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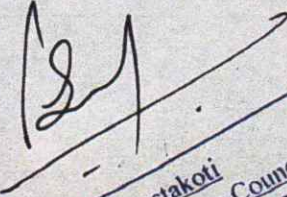
Technical Specifications of Diesel Engine Water Pump

Diesel Engine Water Pump Set

Date: 2081-01-31

S.No.	CRITERIA	REQUIREMENT	Offered Specification
1	General	The pump set should be suitable for handling agricultural irrigation. It should be efficient, durable, and capable of operating in both rural and semi-urban environments, with reliable performance under varying conditions.	
2	Engine	Single cylinder, 4 stroke, water cooled, Diesel Engine	
3	Power	The rated power of engine should be 5±1% Hp (3.7 kW) with working speed of around 1500 rpm.	
4	Fuel Type	Diesel	
5	Fuel Tank	Capacity of not less than 4 ltr.	
6	Lubrication	Forced feed engine oil lubrication.	
7	Dimensions	Bore*Stroke: 85 mm *80 mm (±10%)	
8	Pump Type	Centrifugal Pump	
9	Discharge	Not less than 12 liter per second.	
10	Manuals	The pump set shall be supplied with one copy of the Operator's and Owner's Instructions.	
11	Color	Standard color as per manufacturer's options.	
12	Warranty	The pump set shall be covered by a warranty for a minimum of one-year post-acceptance.	
13	Delivery	The pump set shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.)	

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Technical Specifications of 2HP Electric Water Pump

Electric Water Pump

Date: 2082-01-31

S.No.	CRITERIA	REQUIREMENT	Offered Specification
1	General	The electric pump should efficiently handle water and liquids, be durable, energy-efficient, and reliable in rural and semi-urban areas. It must be low-maintenance, easy to install.	
2	Type of Product	Centrifugal Monoblock pump set	
5	Power	The power out of motor should be not less than 2 Hp.	
6	Operation Ratings	The motor should operate on standard household single phase electricity rating of Nepal (200- 240 V, 50-60Hz).	
7	Speed	Between 2600 to 3400 rpm.	
8	Minimum Head	Not less than 8 meters.	
9	Impeller and Body	Impeller and body of electric pump should be high strength cast iron, making reliable for remote operation.	
10	Inlet-Outlet Port Size	80±5% mm (diameter)	
11	Manuals	The product shall be supplied with one copy of the Operator's and Owner's Instructions.	
12	Color	Standard color as per manufacturer's options.	
13	Warranty	The product shall be covered by a warranty for a minimum of one-year post-acceptance.	
14	Delivery	The Electric Pump shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.)	

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Technical Specifications of Power Sprayer

Date: 2082-01-31

S.No.	CRITERIA	REQUIREMENT	OFFERED SPECIFICATION
1	General	The power sprayer should be suitable for spraying pesticides, herbicides, and foliar nutrients in agricultural crops. It should be operable in hilly and plain terrains and must ensure uniform and fine spray.	
2	Engine Type	4-Stroke petrol or diesel engine, single-cylinder, air-cooled	
3	Power Output	Minimum 1.5 HP (Petrol) or 3 HP (Diesel)	
4	Pump Type	Standard	
5	Pressure	Operating Pressure: Minimum 20–30 bar	
6	Fuel Tank Capacity	Minimum 1.5 liters (Petrol) / 3.5 liters (Diesel)	
7	Spray Delivery	Minimum 6–8 liters per minute	
8	Tank Capacity	25 liters and above	
9	Discharge Hose	High-pressure hose of minimum 4 meters length	
10	Spray Gun/Nozzle	Adjustable multiple-pattern nozzle with 1 or 2 spray guns	
11	Starting System	Manual Recoil / Electric Start (Optional)	
12	Weight	10–35 kg depending on tank capacity and engine type	
13	Accessories	Hose pipe, nozzle set, tool kit, spare parts kit	
14	Mobility Option	Backpack, trolley-mounted, or shoulder-mounted	
15	Manuals	Operator's and Maintenance manuals should be included	
16	Warranty	Minimum one-year warranty post-acceptance	
17	Delivery	The power sprayer shall be delivered to the Pratappur Rural Municipality, Pratappur Nawalparasi (Ba.Su.Pa.)	
18	Suitability	Should be suitable for Banana, sugarcane, vegetables, and cereal crops in Nepal	

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