



प्रतापपुर गाउँपालिका
Pratappur Rural Municipality
गाउँ कार्यपालिकाको कार्यालय
Office of Rural Municipal Executive

बेलाटारी, नवलपरासी (बर्दघाट-सुस्ता पश्चिम)
Belatari, Nawalparasi (Bardghat-Susta West)

लुम्बिनी प्रदेश, नेपाल
Lumbini Province, Nepal
गाउँ कार्यपालिकाको कार्यालय
बेलाटारी, नवलपरासी (ब.प.स.)
लुम्बिनी प्रदेश, नेपाल

प.स.(Ref. No.): - २०८२/०८३

च.नं. (Des. No.): -


बिषय : बजार दररेट उपलब्ध गराइदिने सम्बन्धि सूचना ।

प्रथम पटक प्रकाशित सूचना मिति: २०८३/०२/०८

यस प्रतापपुर गाउँपालिकाको आ.ब. २०८२/०८३ मा गाउँ सभाबाट पारित कृषि विकास शाखाबाट संचालन हुने लागत सहभागितामा कृषि सामग्री/उपकरण खरिद कार्यक्रम संचालनका लागि तपसिलका कृषि सामग्रीको आवश्यकता रहेकोले सोको बजार दररेट (भ्याट सहित) उल्लेखित स्पेशिफिकेशन सहित ७ दिन भित्र उपलब्ध गराइदिनु हुनको लागि सम्बन्धित फर्म, सप्लायर्स र कम्पनीलाई जानकारीको लागि यो सूचना प्रकाशन गरिएको छ ।

तपसिल

क्र.स.	कृषि सामग्री
१.	PUMPSET (DISEAL ENGINE)
२.	ROTAVATOR
३.	DISC PLOUGH
४.	MB PLOUGH
५.	ELECTRIC MOTOR PUMP
६.	RIDGER
७.	CULTIVATOR


अनिता वि.क. थारु
प्रमुख प्रशासकीय अधिकृत

“हामी सबैको सार्थक प्रयास, प्रतापपुरको समग्र विकास”

Date: 2083-02-08

To,

Prattapur Rural Municipal Office


अनन्ता प्रसाद
प्रमुख प्रशासकीय अधिकृत

TECHNICAL SPECIFICATION OF DISC PLOUGH

S.N	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Implement Type	Tractor-Mounted 2-Bottom Heavy Duty Disc Plough (Suitable for hard, stony, and trashy land conditions)	Make: Model:
2	Main Frame Structure	Fabricated Heavy-Duty Steel Square Tube / Seamless Tubular Pipe Frame	
3	Frame Dimensions (L x W)	Minimum 38.2 x 36.22 Inch (or standard regional equivalent)	
4	Number of Discs	≥2 Discs (High-grade Carbon Steel or Universal Boron Steel for extended service life)	
5	Disc Diameter & Thickness	Minimum 22 Inch (approx. 560 mm) to 26 Inch (approx. 660 mm) diameter; Thickness: 4 mm to 6 mm	
6	Working Width	12 Inch to 24 Inch (Adjustable cutting width to align with standard regional soil turnaround practices)	
7	Total Structural Weight	Net Weight Range: 195 KG to 280 KG (Heavy-duty ballasted build for tough terrain penetration)	
8	Power Requirement for Tractor	Compatible with 35 HP to 50 HP (and above) standard 2WD & 4WD tractors common in regional markets	
9	Alignment & Draft Assembly	Equipped with an adjustable, spring-loaded furrow wheel/coulter disc system to handle side draft and maintain directional alignment	

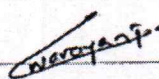
Note: All Parameters marked in bold are essential. Non-compliance shall result in rejection of the purchase.

Prepared by:

Name: Narayan Ghimire

Designation: Mechanical Engineer

(NEC Registration no- 4238 "A")

Signature: 

Er. Narayan Ghimire
Nepal Engineering Council
Registration No.: 4238
Automobile (Mechanical) Engineer

Date: 2083-02-08

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TECHNICAL SPECIFICATION OF MB PLOUGH

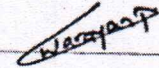
S.N	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Number of Furrow	≥ 2 furrows	Make: Model:
2	Frame	100X20 MS FLAT	
3	Tyne Thickness	minimum 40mm	
4	Working Width	≥24 INCH	
5	Mould Board	≥8 MM	
6	Shovel (Point)	at least 25X32 MM	
7	Depth of Cut	minimum 10-11 INCH	
8	Height	45.5 INCH	
9	Weight	Not more than 185 KG to 197 KG	
10	Power Required for Tractor	35 HP & ABOVE	

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TECHNICAL SPECIFICATION OF DIESEL PUMP

S.N	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Engine Type	Constant Speed Diesel Engine	Make: Model:
2	Application	Agricultural Purpose	
3	Rated Power Output	Minimum 5 BHP	
4	Rated Speed	≤1500 rpm	
5	Power Output (kW)	As per 5 BHP rating	
6	Specific Fuel Consumption (SFC)	≤ 250 g/kWh	
7	Fuel Type	High Speed Diesel (HSD)	
8	Cooling System	Water Cooled	
9	Operating Speed Type	Constant Speed	
10	Mounting Type	Rigid / Base Mounted	
11	Engine Rotation	Standard Direction	

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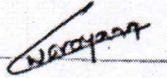
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TECHNICAL SPECIFICATION OF TRACTOR-MOUNTED CULTIVATOR

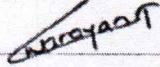
S.N	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Implement Type	Heavy-Duty Primary & Secondary Tillage Tractor Attachment	Make: Model:
2	Design Configuration	Frame type with progressively anchored dual-spring assemblies via twisted flats	
3	Number of Tynes	≥ 9 tynes	
4	Tyne Thickness Options	Minimum 25 mm to 30 mm (High-Tensile Carbon Steel)	
5	Inter-Tyne Distance	Adjustable up to 228 mm	
6	Front & Rear Tyne Gap	Minimum 15 inches (approx. 380 mm to 415 mm)	
7	Tyne Operating Height	Minimum 16 inches to 22 inches	
8	Mast Height from Ground	Adjustable: 1000 mm to 1150 mm	
9	Working / Cutting Width	Range: 77 inches to 113 inches (approx. 1960 mm to 2870 mm depending on tyne selection)	
10	Total Structural Weight	Net Weight range: 183 kg up to 350 kg	
11	Tractor Power Requirement	Minimum 35 HP up to 55+ HP (Compatible with 2WD & 4WD configurations)	
12	Delivery	Machine should be delivered to Prattapur Rural Municipal Office	

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TECHNICAL SPECIFICATION OF TRACTOR OPERATED RIDGER

S.N	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Implement Type	Heavy-Duty Tractor-Mounted Mouldboard Ridger Plough / Furrow Opener (Adjustable type for row-planted crops)	Make: Model:
2	Configuration Options	≥ 2Disc/Tine options	
3	Total Width (W)	Range from 1300 mm to 3700 mm (Depending on the number of furrow units selected)	
4	Total Length (L)	In between 700 mm to 800 mm	
5	Total Height (H)	≤ 1250 mm to 1350mm	
6	Distance Between Bodies (B)	600 mm – 950 mm (Adjustable type to match regional row spacing demands)	
7	Furrow Bottom Depth	≥ 250 mm	
8	Furrow Width	Minimum 300 mm to 360 mm (Adjustable moldboards to control width variation)	
9	Maximum Working Depth	≥ (200 mm – 350 mm)	
10	Tractor Power Required	Suitable for more or equal to 35 HP (Compatible with standard regional 2WD and 4WD tractors matching the configuration weight)	
11	Structural Weight	Net Weight Range: 147 kg to 350 kg	
12	Chassis & Hitch Interface	Reinforced Profile/Angle Frame equipped with an adjustable chassis and standard universal 3-point linkage system	

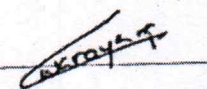
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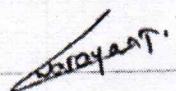
TECHNICAL SPECIFICATION OF 2HP MOTOR PUMP

S.N	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Type of Pump	Single Phase Monoset Pump	Make: Model:
2	Rated Power	Minimum 2.0 HP	
3	Power in kW	≤1.5 KW	
4	Supply Voltage	220-240 V AC	
5	Head range	≥8-11 m	
6	Rated Head	≥10 m	
7	Flow rate	≥ 30-40 m ³ /h	
8	Phase	Single Phase	
9	Frequency / Speed	50 Hz,2900 rpm	
10	Suction/delivery	≤ 75x75 mm	
11	Protection	Insulation Class 'B'	
12	Application	Agricultural / Irrigation	

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TECHNICAL SPECIFICATION OF ROTAVATOR TRACTOR OPERATED

S.No.	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Type	Tractor PTO operated rotavator	Make: Model:
2	Power Source	40-55 HP	
3	Hitching System	Three-point linkage	
4	Working Width (mm)	1600-1700 mm	
5	Overall Width (mm)	1850-1900 mm	
6	Type of Blade	L type	
7	No. of Blades	≥42	
8	Drive Type	Gear/Chain	
9	Blade Material	High Carbon Steel	
10	Frame	Heavy -duty mild steel	
11	Side Cover	Chain/gear cover for safety	
12	Adjustments	Depth skids, rear flap (tailboard) for soil pulverization	
13	Revolution of rotor shaft (rpm)	180-220 rpm (Standard gearbox, PTO at 540 rpm)	


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