

नेपाल सरकार

कृषि तथा पशुपन्थी विकास मन्त्रालय
राष्ट्रिय कृषि आधुनिकीकरण कार्यक्रम
कार्यक्रम कार्यान्वयन एकाइ

रुपन्देही



सोपान बरकार
प्रमुख
जति तथा पशुपन्थी विकास
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पद:

मावाईल नं/ ईमेल:

१. संस्थाको नाम:
२. संस्थाको ठेगाना
३. सम्पर्क व्यक्तीको नाम:
४. संस्था रेजिस्ट्रेशन नं:
५. फर्म दर्ता मिति:
६. प्यान/भ्याट रेजिस्ट्रेशन नं:
७. व्यापारको किसिम/उद्देश्य:
८. उपलब्ध गराउन सक्ने सामग्रीको मूल्य र अन्य आवश्यक प्रस्ट खुल पन साथ additional specification मा कृषि आजारका अनिवार्य रूपले भर्नु पर्नेछ अन्यथा पेश गरका दरस्ट मान्य हुन छैन साथ उपलब्ध गराउन सामग्री २०२५-२०२६को हुनुपर्ने छ।

S.N	Item	Parameters	Description	Offered Specification (To be filled by suppliers)	Unit	Unit Rate (In Figures)	Unit Rate (In Words)
1	Disc Plough	Make, model and brand	Any		Set		
		Tractor power	at least 45				
		Type of disc	Plain type/notched type				
		Hitching system	3 point hitch				
		No. of disc	2-6				
		Dia. Of disc	at least 20"				
		Disc thickness	6-8 mm				
		Disc spacing	at least 9"				
		Depth of ploughing	6-12"				
		Working width	at least 500 mm				
2	Chisel Plough	Make, brand	Any		Set		
		Features	depth ploughing; suitable for land which is not in use for a longer period of time				
		Type	Primary tillage				
		No. of tynes	at least 3				
		Hitching system	3 point linkage or other type				
		Working depth	at least 10"				
		Type	Rear-mounted power tiller-attached potato harvester / digger				

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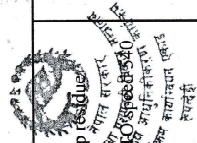
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3	Potato Harvester	Compatibility	Suitable for 15-22 HP power tillage, swing frame and PTO/belt chain drive	Set	
		Application	Digging, lifting and soil separation of potatoes with minimal damage		
		Frame	Heavy-duty MS fabricated frame		
		Digging Blade	High-carbon/boron steel, heat-treated, replaceable and depth adjustable		
		Working Width	500-650 mm		
		Digging Depth	130-280 mm, adjustable		
		Finish	Anti-corrosive primer with enamel paint		
		Accessories	Mounting brackets, fasteners, adjustment tools, operator manual		
		Standards	ISO 9001 certified manufacturer		
		Warranty	Minimum 12 months from date of supply		
4	Mini Tiller- 4 kW to 5 kW (Diesel Engine)		Rated Power: 4 kW to 5 kW; Rated Speed: 3600 rpm or more; Engine Type: Air cooled, Single cylinder, 4-Stroke engine Injection Type: Direct or Indirect Injection; Fuel Used: Diesel; Number of Speed: 2 Fwd., 1 Rev.; Starting System: Manual Recoil System; Fuel Tank Capacity: 3.5L or more; Transmission Type: Full Gear Transmission; Cultivator Width: 1050 mm or more; Cultivator Depth: 100 mm or more; Number of blades: 32 types or more	Set	
5	Tractor Drawn Rotavator		Tractor drawn rotavator, multi speed and side transmission gear box, number of blades 48-54 L-type / C-type, overall working width 6-7 feet, matching tractor power is 45-60 hp.	Set	
6	Tractor Operated Zerovator	Purpose	A tractor-operated Zerovator is a PTO-driven rotary tillage implement designed for minimum tillage / zero tillage seedbed preparation.	Set	
		Type	PTO-driven, tractor-mounted zero/minimum tillage rotary implement	Set	
		Power Required	Applicable for tractor 45-60 HP, through a multi-speed gearbox and a gear drive side transmission system.		
		Working Parameters	• Working Width: 1.2-2.1 m • Working Depth: 80-120 mm (adjustable)		
		Construction	• Rotor: Horizontal multi-flange rotor with L-type / C-type boron steel blades		
7	Banana Sucker Cutter		Manual agricultural tool for cutting and removing unwanted suckers from banana plants to promote healthy growth and improve yield.	Set	
		Purpose	Hand-operated, single-person use.		
		Type	Curved/crescent-shaped blade made of high carbon or alloy steel, heat-treated, corrosion-resistant; thickness 3-5 mm.		
		Blade	Mild steel pipe / hardwood / fiber handle, 600-900 mm long, ergonomic, non-slip grip.		
		Handle	For cutting soft and semi-hard banana suckers, including below-ground portions; suitable for repeated field use.		
		Working Capability	Minimum 6-12 months against manufacturing defects		
		Warranty			

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8	Super Seeder	- Description: Tractor-mounted, PTO-operated Super Seeder for in-situ crop residue management and direct seeding in combine-harvested fields. - Tractor Compatibility: 50-55 HP tractor, 3-point linkage (Category II), PTO Input: 8540 RPM. - Working Width: 1.8 – 2.0 m. - Number of Rows / Tires: 9 – 10 rows. - Row Spacing: 18 – 22 cm, adjustable. - Seed & Fertilizer Metering: Ground wheel driven fluted roller mechanism with independent adjustment. - Seed Placement: Adjustable depth (30–60 mm) through suitable furrow openers with soil covering device. - Construction: Heavy-duty MS frame with anti-rust coating; sealed bearings used. - Depth Control: Gauge wheels or skid shoes provided. - Safety: PTO guard, covered drives, overload protection. - Weight: Approx. 850 – 950 kg. - Accessories: PTO shaft, tool kit, spare blades, operator manual. - Warranty: Minimum 12 months.	Set		
9	Insulated Ice Box	Purpose Used for storage and transportation of fish and seafood to maintain freshness and reduce spoilage. Capacity Typically 50–150 litres, suitable for bulk fish handling with recommended ice-to-fish ratio of 1:1. Construction Outer body: Heavy-duty HDPE or FRP, impact-resistant and UV-protected. Inner liner: Food-grade plastic, smooth, non-absorbent, and corrosion-resistant. Insulation: High-density polyurethane foam ($\approx 40 \text{ kg/m}^3$) for effective thermal insulation. Thermal Performance Internal temperature of 0°C to 4°C with ice retention for 48–72 hours. Lid and Sealing Thick insulated hinged lid with tight sealing to minimize heat ingress. Drainage Large, leak-proof drain plug for easy removal of meltwater and fish waste. Handling and Durability Reinforced handles (optional wheels for larger sizes); robust design suitable for rough handling and wet environments. Hygiene Easy to clean, odour-resistant, and compliant with food safety practices. Purpose Mahajaal is a large fishing net used for harvesting fish from ponds, lakes, and reservoirs during partial or complete draining operations. Material Made of High-strength nylon or polyethylene monofilament for durability and resistance to water decay.	Set		

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10	Mahaajaal	Accessories	Float Line: Made of plastic or cork floats attached to the top rope. Lead Line: Weighted with lead sinkers or iron weights to ensure the net sinks evenly. Ropes: Braided nylon ropes for pulling and securing. Length: At least 50 m	Set	
		Net Size	Depth: At least 7 m Suitable for medium to large ponds.		
		Mesh Size	5 mm depending on target fish		
		Construction	Knotless or knotted netting Uniform mesh opening Strong selvedge edges for durability		
		Strength and Durability	High tensile strength to withstand pulling forces and repeated use without tearing.		
		Service Life	Minimum 3-5 years under normal operating conditions		
		Purpose	Mahaajaal is a large fishing net used for harvesting fish from ponds, lakes, and reservoirs during partial or complete draining operations.		
		Material	Made of High-strength nylon or polyethylene monofilament for durability and resistance to water decay.		
		Accessories	Float Line: Made of plastic or cork floats attached to the top rope. Lead Line: Weighted with lead sinkers or iron weights to ensure the net sinks evenly. Ropes: Braided nylon ropes for pulling and securing.	Set	
		Net Size	Length: At least 50 m Depth: At least 7 m Suitable for medium to large ponds.		
		Mesh Size	10 mm depending on target fish		
		Construction	Knotless or knotted netting Uniform mesh opening Strong selvedge edges for durability		
		Strength and Durability	High tensile strength to withstand pulling forces and repeated use without tearing.		
		Service Life	Minimum 3-5 years under normal operating conditions		
		Purpose	Centrifugal type mud/slurry pump suitable for fish farming; capacity 300-600 LPM; head 10-20 m; suction lift up to 6 m; capable of handling muddy water, sludge, silt and organic waste		
		Pump Construction	Cast iron / cast steel casing; semi-open or open type impeller suitable for solids		
		Motor	2 HP (≈1.5 kW) induction motor; single phase; 220-240 V (1-ph)		
		Mechanical Seal	Carbon/Ceramic or Silicon Carbide, suitable for muddy and abrasive water		
		Suction & Delivery	Suction 50 mm (2"); delivery 40-50 mm (1.5"-2"); flanged or hose coupling		
12	Mud Pump				

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13	Chatitjal	Accessories	MS base frame; starter (DOL/capacitor), power cable (1mm ² wire), suction strainer, coupling & guard	Set		
		Standards & Finish	IS/ISO certified manufacturer; anti-corrosive primer (epoxy or enamel)			
		Purpose	Chatitjal is mainly used for partial harvesting and sampling in aquaculture ponds. Farmers deploy it to catch fish for sale or to check growth.			
		Design Type	It is a circular cast net (locally called <i>chatitjal</i>) thrown by hand, spreading over the water surface and sinking quickly to trap fish.			
		Diameter	Typically 3-6 meters when fully spread.			
		Mesh Size	At least 1 mm & not more than 2 mm depending on fingerlings or adults			
		Depth Coverage	Effective in shallow to medium-depth ponds (up to 2-3 meters).			
		Material	Netting: Nylon or polyethylene monofilament for durability. Weights: Lead or iron sinkers attached evenly along the perimeter to ensure rapid sinking; sinkers attached evenly along the perimeter to ensure rapid sinking. Central Rope: Strong braided nylon rope connected to the center for retrieval.			
		Material	HDPE Plastic			
		Colour	Standard			
14	Silpaulin Plastic	Thickness	200 GSM	Set		
		Size (m)	Various (Available Sizes)			
		Surface Finish	Smooth or light textured for grip and easier installation			
		Waterproofing	100% impermeable			
		Material	HDPE Plastic			
15	Silpaulin Plastic	Colour	Standard	Set		
		Thickness	250 GSM			
		Size (m)	Various (Available Sizes)			
		Surface Finish	Smooth or light textured for grip and easier installation			
		Waterproofing	100% impermeable			
16	Manual Paddy Mat Nursery Seeder	Purpose	A manually operated nursery seeding machine designed for uniform sowing of pre-germinated paddy seeds on mat-type nursery trays for mechanical rice transplanters.	Set		
		Type of Machine	Manual / Hand-operated			
		Operation	Push-type			
		Construction & Frame	Mild Steel (MS)			
		Body Finish	Anti-corrosive paint			
		Structure	Rigid and durable			
		Capacity	Approx. 4-6 kg of pre-germinated paddy seed			
		Design	Rectangular hopper with smooth internal surface to ensure free seed flow			

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	Effective Working Width	Approx. 580-620 mm			
	Wheels / Rollers	Two side wheels or rollers			
	Controls	Manual lever for seed flow control			
	Warranty	Atleast 1 year in manufacturing defect			
	Purpose	The Tractor Mounted General Land Leveller shall be a heavy-duty agricultural implement designed for leveling, grading, and smoothing agricultural land to achieve a uniform surface suitable for cultivation, irrigation, and drainage.			
	Power Required	Suitable for tractors of 45 HP to 60 HP			
	Working Width	Minimum 1.8 m to Maximum 3.0 m			
	Operating Depth	100-150 mm depending upon soil conditions			
	Material	Constructed from heavy-duty steel (often high-carbon or alloy steel)			
	Warranty	Atleast 1 year in manufacturing defect			
	Catalogue/Manual	Operation manual should be submitted			
17	Tractor Operated General Land Leveller				


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