



नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाइ
रामेछाप

फोन नं.: -०४८-५४०५६२
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प.सं.: -२०८०/८१

मिति:-२०८०/०९/१६

सूचना (१२): दरभाउ पत्र पेश गर्ने बारे सूचना ।
(प्रथम पटक प्रकाशित मिति:२०८०/०९/१६)

प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना, परियोजना कार्यान्वयन एकाइ, रामेछापको आ.व २०८०/०८१ को स्वीकृत "जोन/सुपरजोन क्षेत्रमा कृषि यान्त्रीकरण सहयोग कार्यक्रम" अन्तर्गत जुनार/आलु/किवी र बाखा जोन क्षेत्रका कृषि सहकारी/कृषक समुह/कृषि फर्म तथा कृषि कम्पनीहरूले खरिद गर्ने तपसिलका कृषि यन्त्र तथा उपकरणहरूमा ५०(पचास) प्रतिशत अनुदान उपलब्ध गराउने कार्यक्रम रहेको र अनुदान मूल्य कायम गर्ने प्रयोजनका लागि निम्नानुसारका कृषि यन्त्र/उपकरणहरूको दरभाउ आवश्यक परेको हुँदा इच्छुक आपूर्तिकर्ताहरूलाई यो सूचना प्रकाशन भएको मितिले १५ (पन्ध्र) दिन भित्र उक्त कृषि यन्त्र/उपकरणहरूको स्पेसिफिकेशन सहितको दरभाउ पत्र पेश गर्नुहुन यो सूचना प्रकाशन गरिएको छ ।

तपसिल:

Technical Specification

S.N.	Required Technical Specifications	Bidder's specification
1	Diesel Mini Tiller 7 hp category	
	Make & model of machine	ISO certified, Minitiller model, Engine Model no.
	Engine	4 stroke, single cylinder, inclined/vertical, forced air cooled, Diesel engine. power: 6.5 to 7 HP
	Transmission system	Wet type, friction multi plate clutch; double clutch, no. of gear speed: 2 forward & 1 reverse and neutral
	Model of transmission	driven by gear system
	number of rotor blades	32 blades.
	Transportation wheel	4.0:8 tubeless solid tyre
	starting method	Manual or recoil starting system
	overall dimension (mm)	1800-2000(L)X1100-1300(W)X900-1200(H)
	Steering handle bar	minimum 25mm, height adjustment provided
	weight (Kg)	Gross weight 115-125 kg
	Width of cut(tilling width cm)	105 to 130
	Depth of cut(tilling depth-cm)	10 to 15
	Productivity (ha/h)	0.12 to 0.16
	fuel consumption (lit/hr)	<1
	Fuel tank capacity(litre)	3.5 to 4
	Lubrication oil capacity (L)	1 or more
	Air cleaner	Oil bath type
	Operation manual	One set of operation, maintenance manual
	Accessories parts and tools	one set of complete tool box, mini tiller filled with lubricant and Gear oil. Minimum two free servicing.
2	Petrol Mini Tiller 7 hp category	
	Make & model of machine	ISO certified, Minitiller model, Engine Model no.

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S.N.	Required Technical Specifications		Bidder's specification
	Engine	4 stroke, single cylinder, inclined/vertical, forced air cooled gasoline engine. power: 6.5-7 HP	
	Transmission system	wet type, friction clutch, double clutch system , no. of gear speed:2 forward &1 reverse and neutral	
	Model of transmission	driven by gear system	
	number of rotor blades	24-32 blades	
	Transportation wheel	4.0:8 tubeless solid tyre	
	starting method	manual or recoil starting system	
	weight (Kg)	with transportation wheel:78-90	
	Width of cut(tilling width cm)	75 to 100	
	Depth of cut(tilling depth-cm)	10-15	
	Productivity (m ² /h)	600-750	
	fuel consumption (lit/hr)	<0.9	
	Fuel tank capacity(litre)	3.6 to 4	
	operation manual and parts catalogue	one set of operation, maintenance manual, parts catalogue	
	Accessories parts and tools	complete tool box, mini tiller filled with lubricant and Gear oil. Minimum two free servicing.	
S.N	Required Technical Specifications		Bidder's specification
3	Electrical combine mill		
	Power source	3-4 hp (2.2-3 kw) 1PH, 220V/50Hz/2800RPM. (100 percent copper wire binding motor)	Model no. and photo
	Body material	metallic steel	
	Capacity	>80kg/hr for rice de-husking; >150 kg for grinding	
	Feeding	hopper having adjustable feed rate mechanism	
	Features	should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice	
	Compartment	rice and disc grind compartment one single machine	
	Rotor diameter (mm)	rice mill: not less than 40; disc mill: not less than 210	
	Sieve (mm)	aperture :1.2	
	Feature required	application in both milling of cereals such as rice, wheat, millet and paddy. Gross wt. 85-100 kg	
	Safety	protective covers on moving parts such as belt, blades, pulley etc	
4	Electrical disk mill		
	Power source	3-4 hp (2.2-3 kw) 1PH, 220V/50Hz/1400RPM. (100 percent copper wire binding motor)	
	Body material	metallic steel	
	Capacity	≥150 kg for grinding cereals	
	Feeding	hopper having adjustable feed rate mechanism	
	Outlet	adjustable system in outlet, polyester spout cloth provided	
	Rotation speed	5500-5600 rpm	
	Rotor diameter	not less than 240 mm	
	Sieve (mm)	Aperture :1.2	

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	Feature required	application in grinding/crushing of cereals, animal feed and spices. Approximate Dimension: 700X550X1110 mm. Gross wt. 50 kg or above	
	Safety	protective covers on moving parts	
5	Two in one electrical sprayer	Agricultural chargeable knapsack sprayer (2 in 1), Tank capacity 16 L. PUMP type: 12 V Motor operated diaphragm type with 2-3 liter per minute capacity, Speed 3000-3600 rpm. Battery 12 V, 8-9AH rechargeable. Charger input: 100-240V AC, 50HZ, output: 12V DC 1.5A. Minimum Working pressure 0.4 M Pascal. Nozzles Minimum 2 pieces. Lance material: Stainless steel. Hand pumping Rocking rod.	
6	Brush cutter	Back pack type, flexible shaft, Shoulder strap operation, grass cutter head, cutting wheels (min. 2) and aluminum crop collector, 4 Stroke type petrol engine 35 cc or above, power:1 hp or more; fuel tank capacity 0.6 liter or more. Accessories: cutter/blades/Tool set/box etc (Nylon cutter, 3 pieces of toothed metal cutter).	Model number.
7	Digital weighing Balance (100 kg)	Digital LED red Display, Stainless Iron Top Platter. Runs on rechargeable battery Voltage and plug can be customized according to each country situation. (Voltage input AC 220V/60HZ with 2 round pin plug, at least 12 hours' continuous use from a single charge, Waterproof Keyboard. Power, tare, zero, low battery, AC power indicators. Auto shut off function. weighing Capacity: 100kg. Overload protection for safe working. Least count 10-20g. platform Dimensions LxWxH: 14 x 26 x 30 inches approximate. Platform: 14 x 18 inches approximate.	
8	Aluminum Ladder	Minimum 150kg load capacity 4-5 Steps Aluminum Folding Ladder with Platform for fruits harvesting. ANTI-SKID SHOES. Dimension: 173x50x12cm approximate. 4.5ft height or above.	
9	Power chaff cutter	Table top Electrical chaff cutter with cover suitable for Green grass, straw, maize stalk etc.	
	General	1-3 cm	
	Length of chaff cut	100-130 kg. approx.	
	Weight of machine (With motor, V belt wheel and head)	Special alloy/high carbon steel	
	Cutting blades	2 curved blades; high carbon steel, 2.5mm thick	
	Number of blades (min.)	500-1000 kilogram per hour	
	Minimum capacity of machine	About 8 inch	
	Feeding mouth	3	
	Feeding roller	At least 700 mm.	
	V-belt Wheel diameter	V Belt wheel (CI), head and frame made of (MS) iron.	
	Materials	Color Coated (Standard)	
	Color	Single phase 2 hp/50hz	
	Electric motor	At least 10 A	
	Current	220 V	
	Voltage	Standard (high and low voltage protection)	
	Protection motor	machine and personnel safety. Wheel-Blade safety covering.	
	Safety and protection	Mention if any	
	Tools/instruction manual		

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	Assembling of machine	Supplier is responsible for assembly and adjustment of machine	
10	Gasoline Earth auger Heavy duty Petrol Operated Earth Auger/Post hole Digger. Single cylinder, Air cooling Engine minimum 62cc/2 stroke Earth Auger Engine. Model No./ Make. Max power:3 kw. BIT/DRILLERS 4" (100mm * 80 cm), 10"(250mm * 80cm) 12"(300mm * 80cm) Extension Pipe 70cm (2.3 foot). one set of complete tool box, Gasoline Earth auger filled with lubricant /Gear oil.		
11	Secateurs Size/Dimension 8 Inch or more, blade length 50 mm or more. Blade Material: Stainless Steel. Weight 300 g Approx. capable of cutting diameter: up to 30 mm.		
12	Grafting knife Stainless steel knives with Wooden/plastic handles. Accurate cutting, Corrosion resistant. Foldable. Overall length 16-22 cm		
13	Pruning saw The blades of the saw are made of high-quality steel. Pruning saw ideal for any type of wood and resistant to corrosion. The length of the blades varies from 20 cm to 35 cm depending on the preference. Handle of aluminum pipe may be provided.		
14	Refractometer Hand-held fluid concentration detection refractometer for fruits. Sugar measuring instrument. Measure range: 0-32% Brix; salinity 0-28%. division value: accuracy 0.50%. Size: 5.9 inch or more. Accessories: mini Screw driver, Pipette, English manual, Plastic box etc		
15	Fruit picking/collection bag Fruit Picking Bag. Material: Material: Woven Plastic. The adjustable shoulder strap of this fruit picking apron can be customized to fit users of all heights comfortably, ensuring an ergonomic and secure fit. Size: 40x35 cm approx.		
16	Potato digger Mini tiller attaching potato digger. Digging and stirring soil and potatoes. Painted black and made of MS iron, weight not less than 2.5 kg.		
17	Bed former Adjustable furrow size bed former furrow attaching on mini tiller. Painted black and made of MS iron, weight not less than 3 kg. tilling width 200-300mm, depth 120-200mm.		
18	Bed forming cultivator Gasoline cultivator with bed former. 4 stroke, single cylinder, air cooled gasoline engine. power: 1.5 kw or more. Transmission system: friction clutch, gear driven system, 16 nos of blades arranged in bed forming mode. Supporting wheel between cultivator and bed former. Starting method manual or recoil starting system. Fuel tank capacity(liter): 1.2L or more. Accessories parts and tools: one set of complete tool box, cultivator filled with lubricant and Gear oil.		

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दरभाउ पत्रको साथमा पेश गर्नुपर्ने कागजातहरू

१. संस्था दर्ता प्रमाणपत्रको प्रमाणित प्रतिलिपी ।
२. संस्था नविकरणको प्रमाणपत्रको प्रतिलिपी वा कम्पनीको हकमा रजिष्टार कार्यालयबाट गरिने कम्पनी अध्यावधिक भएको पत्रको प्रतिलिपी ।
३. संस्थाको प्यान/भ्याट प्रमाणपत्रको प्रमाणित प्रतिलिपी ।
४. आ.व. २०७९/८० को करचुक्ता प्रमाणपत्रको प्रमाणित प्रतिलिपी ।
५. गत आ.व.को लेखा परिक्षणको प्रमाणित प्रतिवेदन ।
६. आधिकारीक बिक्रेताको प्रमाणपत्रको प्रमाणित प्रतिलिपी ।
७. आपूर्तिकर्ताको नेपाली नागरिकताको प्रमाणपत्रको प्रमाणित प्रतिलिपी ।
८. संस्था कालो सूचीमा नपरेको स्व: घोषणा पत्र ।
९. कृषि यन्त्र/उपकरणहरूको संचालन पुस्तिका (Operation Manual)


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