



नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
राष्ट्रिय कृषि आधुनिकीकरण कार्यक्रम
कार्यक्रम कार्यान्वयन एकाइ

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प्यूठान

प्रस्ताव दरभाउ फारम

१. संस्थाको नाम:
२. संस्थाको ठेगाना:
सम्पर्क व्यक्तिको मोबाइल नं:
इमेल:
३. आधिकारिक व्यक्तिको नाम:-
पद:
इमेल:-
४. संस्था रजिस्ट्रेसन नं:
५. रजिस्ट्रेसन गर्ने कार्यालय:
६. फर्म दर्ता मिति:
७. PAN/VAT रजिस्ट्रेसन नं:
८. व्यापारको किसिम/उद्देश्य:
९. उपलब्ध गरौं सक्ने सामग्रीको दरभाउ र अन्य विवरण प्रष्ट खुल्नु पर्नेछ ।
१०. पेश गरेको स्पेसिफिकेसन र मूल्यमा सामग्री अनिवार्य उपलब्ध गराउने छु, उपलब्ध गराउन नसकेमा सम्पूर्ण रुपमा कानुनको भागेदार बन्ने छु भनि हस्ताक्षर
११. आपूर्तिकर्ताले Supplier's specification मा मेसिनरी औजारको विवरण अनिवार्य रुपमा भरेको हुनुपर्नेछ ।

Jayanti

सि. कृष्ण प्रसाद

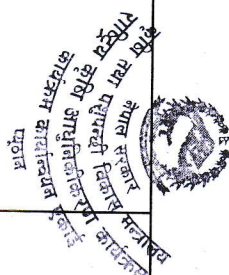


श्री. हेमंत रावत
पर्यटन, वन्यजीव, पशुसंवर्धन
कार्यक्रम कार्यालय
प्राशन

Technical Specification of Farm Machinery and Equipments				
S.N.	Name of Implement with Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise)	Unit
1	Minitiller Diesel Engine 3 kw to 3.9 kw			
	Model/ Brand	Any		
	Tilling Depth/Breadth	above 80 mm/1000mm		
	Driving model	gear drive (2 Forward and 1 reverse)		
	Gearbox	big gearbox		
	Engine	4 stroke, diesel engine		
	Displacement(ml)	>245 CC		
	Engine speed (rpm)	>=3600		
	Rated output power(kW(GP)/rpm)	3 kw to 3.9 kw		
	Starting system	Recoil Manual or electric		
	Weight (kg) Approx.	above 85 kg		
	Accessories	Provide side disc if possible		
	Blades Type	24 blades or more		
2	Minitiller Diesel Engine 4 kw to 4.9 kw			
	Model/ Brand	Any		
	Tilling Depth/Breadth	90 mm/1200mm or above		
	Driving model	gear drive (2 Forward and 1 reverse)		
	Gearbox	big gearbox		
	Handle	Up-Down		
	Engine	4 stroke, diesel engine		
	Displacement(ml)	>295 CC		
	Engine speed (rpm)	>=3600		
	Rated output power(kW(GP)/rpm)	4 kw to 4.9 kw		
	Starting system	Recoil Manual or electric		
	Net Weight/Gross Weight (kg) Approx.	above 120 kg		
	Blades Type	32 blades or more		
3	Minitiller Diesel Engine 5 kw and above			
	Model/ Brand	Any		
	Rated output power	5 kw or above		
	Tilling Depth/Breadth	97 mm/1220mm or above		
	Driving model	gear drive (2 Forward and 1 reverse)		
	Gearbox	big gearbox		
	Handle	Up-Down		
	Engine	4 stroke, diesel engine		
	Displacement(ml)	>400 CC		
	Engine speed (rpm)	>=3600		
	Starting system	Recoil Manual or electric		
	Net Weight/Gross Weight (kg) Approx.	above 140 kg		
	Blades Type	32 blades or more		
Report requirement	Accessories	Provide side disc if possible		
	Report requirement	Commercial Test Reports		

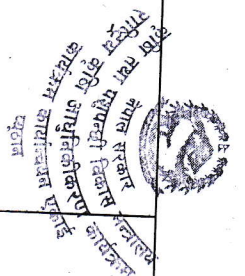
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4 Minitiller Petrol Engine			
Model/ Brand	Any		
Rated output power	3.5 kw or above		
Tilling Depth/Breadth	130 mm/1000mm or above		
Driving model	gear drive (2 Forward and 1 reverse)		
Gearbox	big gearbox		
Handle	Up-Down		
Engine	4 stroke, petrol engine		
Displacement(ml)	>200 CC		
Engine speed(rpm)	>=3600		
Starting system	Recoil Manual or electric		
Net Weight/Gross Weight (kg) Approx.	above 100 kg		
Blades Type	32 blades or more		
Accessories	Provide side disc if possible		
5 Paddy Reaper for mini tiller			
Model/ Brand	Any		
Type	Walk Behind, attached to matched mini tiller		
Capacity	about 2 Acre/hr		
Engine	at least 296 CC, 7HP, Air Cooled		
Cutting length	about 100 CM		
Minimum stubble height	>=25 cm		
Crop divider	3 with star wheel		
Operation	Belt and pulley of minitiller		
6 Paddy Reaper for tractor			
Model/ Brand	Any		
Country of manufacture	Any		
Power required	35 hp and above tractor		
Features	Front/back mounting on tractors and connected to PTO shaft for harvesting with hydraulic lifting.		
Capacity	about 3 ha/hr		
Cutting Length	minimum 6 ft		
Minimum stubble height	>=25 cm		
No. of stars	at least 7 stars with crop divider		
7 Paddy Reaper for Power tiller			
Model/ Brand	Any		
Power required	Operated by power matched power tiller		
Conveyor	Belt type		
Type of cutting unit	cutter bar with serrated V-shaped Blade		
Cutting width	minimum 1.2 m		
cutting height	more than 4 cm		
No. of stars	at least 4 stars		


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8		Rotavator		set			
Type	Gear driven PTO operated						
Overall width / tillage width	around 6 ft / 5 ft						
Tillage depth	more than 12 cm						
Gearbox	Single speed/ multi speed						
Number of flanges	not less than 8						
Number of blades per flange	6 to 9						
Diameter of rotor shaft (mm)	minimum 7 mm						
rotor shaft rpm	around 180/240 for single and multi speed						
Blades Type	J, C, L any type						
No. of blades	minimum 42						
Approx. weight	approximately 400 kg						
Tractor power	not less than 35 HP						
9		Burrh cutter		set			
Make and Model	Any						
Power source	Petrol						
Power	≥ 0.9kw/ 1.2 hp						
Type	Backpack						
Engine Type	4 Stroke						
Engine Displacement	≥ 35 cc						
Use /Application	Agriculture						
No. of Blades	at least 3						
Blade	250 mm or more						
Cutting speed	6000 rpm or more						
Fuel consumption	650ml/hour ±150ml						
Weight	About 9kg						
10		Mini thresher		set			
Make and Model	Any						
Power source	Matched power to 2.5kw or more						
Capacity	more than 350 Kg/hr						
Roller speed	about 800 rpm						
Cleaning fan speed	about 2000 rpm						
Gross weight	approximately 60 kg						
11		Multicrop thresher with different motor		set			
Make and Model	Any						
Power source	Petrol						
Power	≥ 3 kw						
Capacity	more than 350 Kg/hr						
Roller speed	about 800 rpm						
Cleaning fan speed	about 2000 rpm						
(B)		Multicrop thresher with different motor		set			
Make and Model	Any						
Power source	Diesel						
Power	≥ 3 kw						
Capacity	more than 350 Kg/hr						
Roller speed	about 800 rpm						
Cleaning fan speed	about 2000 rpm						

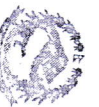
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11	Multicrop thresher with different motor			
(C)	Make and Model	Any		
	Power source	Electric		
	Power	≥ 3 kw		
	Capacity	more than 350 Kg/hr		
	Roller speed	about 800 rpm		
	Cleaning fan speed	about 2000 rpm		
12	Multicrop thresher for 35 hp tractor			
	Make and Model	Any		
	Power source	Diesel		
	Power	≥ 35 hp		
	Capacity (Input/output)	more than 2000 Kg/hr / 1200 kg/hr		
	Threshing drum diameter	about 90 cm		
	Threshing drum length	about 75 cm		
	No. of cutting blades	3 or more		
	Speed of suction blower	650 rpm or more		
	Crop feeding	Feeding chute with conveyor belt feeding hopper		
13	Paddy winnowing fan (electric)			
	Make and Model	Any		
	Power source	Electric, single phase		
	Approx. weight	20 kg		
	Input size	about 100cm*90cm*45cm		
	output size	about 70cm*45cm*90cm		
	Motor power	at least 1 hp		
	Capacity	500 kg/hr		
14	Sugarcane juicer			
	Make and Model	Any		
	Body	Metal		
	Power	more than 1 hp		
	No. of roller	at least 2		
	Roller size	more than 7 inch		
	Approx. weight	as applicable		
	Capacity	as applicable		
15	Mini weeder			
	Make and Model	Any		
	Type	Backpack		
	Power	about 2 hp		
	Engine type	2 stroke petrol engine, air cooled		
	Tiller type	2 no of fls tiller attachment		
	Start type	Recoil start		
	Tiller width	about 25 cm		
	Tiller depth	about 10 cm		


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16	Power weeder	Make and Model	Any			
	Power	1.6 kw or above				
	Engine type	4 stroke petrol engine				
	Start type	Recoil start				
	Tiller width	30 cm or more				
	Tilling depth	10 cm or more				
17	Paddy wheel	Working shaft	splitting type			
	Power source	mini tiller				
	wheel size	about 15 inch				
	shaft size	about 32 mm				
18	Combine Mill	Cutting capacity	about 300 mm			
	Make, Model and Brand	Any				
	Product type	Butterfly type: Rice cum flour mill				
	Features	suitable to separate husk and bran for animal feeding purpose				
	Rated power	3 hp or (2.2kw±0.2kw)				
	Voltage	220 v, 50 Hz, single phase				
	Motor speed	2800 rpm				
	Rotation type	forward and reverse rotation				
	Cutter material	heavy metal alloy				
	Rice roller size(L* D)	at least 40*370				
19	Earth Auger	Product output capacity	150 kg rice milling, 200 kg wheat milling/crushing			
	Warranty	1 year manufacturing defects				
	Make	Any				
	Engine type	Single cylinder, 2 stroke petrol engine				
20	Cultivator (spring loaded)	Cooling type	Air-cooled			
	Power	1.2 kw or more				
	Starting type	recoil or manual				
	Rpm	3600 rpm or more				
	Depth	2.5 ft or more				
	Auger bit size	different size: 4", 6", 8" & 12" (10cm, 15cm, 20cm & 30cm)				
20	Cultivator (spring loaded)	Use	Heavy duty			
	Source of power	Tractor of suitable matched power				
	Types	Spring type				
	Capacity	0.35 ha/hr or more				
	Type of shovels	Reversible shoe				
	No. of coil in spring	more than 20				
	No. of Tynes	minimum 9				
	No. of spring per tine	at least 2				
	under frame clearance	45 cm or more				
	Working width	about 6 ft				

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21	Job seeder					
	Make, Model and Brand	Any				
	Seeding number	1 to 3 adjustable				
	Operation	Manual				
	seed box capacity	1 kg or more				
	width	5 inch or more				
	Height	30 inch or more				
	Gross weight	Approximately 2 kg				
	Efficiency	>4000 sqm/day				
22	Digital Weighing Machine					
	Make, Model and Brand	Any				
	Type	Electronic weighing machine				
	Display type	Digital				
	Material	Mild steel/stainless steel				
	Weighing capacity	100kg				
	Battery backup	70-80hrs.				
	Size	Suitable according to capacity				
	Accuracy	± 10gm				
	Directly plug	220V/50 Hz, single phase				
	Platform size	standard dimension according to weighing capacity				
	Warranty	1 year				
23	Dryer useful for agriculture					
	Height	1.2 meter				
	No. of trays	30 or more				
	Control panel	Digital control				
	Temp. range	30 to 90 degree C				
	Power weeder cum ridge machine					
24	Make and Model	Power weeder cum ridge machine				
	Power	>=3.5 kw				
	Engine type	4 stroke diesel engine				
	Start type	Recoil start				
	Tiller width	>=40 cm				
	Tilling depth	>=9 cm				
	Working shaft	splitting type				
25	Drum seeder					
	Hole	Adjustable for different seed				
	Planting depth	Adjustable for different planting depth (9 to 6 cm)				
	Type	Manual				
26						

Suppliers responsibilities

- A) Manufacturing company shall provide at least 1 year of warranty in case of manufacturing defect.
- B) Necessary spare parts shall be supplied easily in demand of beneficiary.
- C) General operation training of the machine shall be given to the purchaser.
- D) Test report, lab certificate regarding machines power with respected country verified certification must be included by the suppliers.

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