

नेपाल सरकार

कृषि तथा पशुपन्छी विकास मन्त्रालय

प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना

परियोजना कार्यान्वयन एकाइ, रुपन्देही

मूल्य सूची प्रस्ताव फारम



१. संस्थाको नाम :
२. संस्थाको ठेगाना :
- सम्पर्क व्यक्तिको सोबाईल नं. :
- ईमेल:
३. आधिकारिक व्यक्तिको नाम:
- पद:
- डमेल:
४. सँस्था रजिस्ट्रेशन नं.:
५. रजिस्ट्रेशन गर्ने कार्यालय:
६. फर्म दर्ता मिति:
७. PAN/VAT रजिस्ट्रेशन नं. :
८. व्यापारको किसिम/उद्देश्य :
९. उपलब्ध गराउन सक्ने सामग्रीको मूल्य र अन्य विवरण प्रस्ट खुल्नु पर्नेछ ।

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
1	Power Tiller					
	Make, Model and Brand	Any		1 set (18 Hp/ 13.43 KW)		
	Country of manufacturer	Any				
		Single cylinder, 4-stroke diesel engine				
		Direct combustion type				
		Specific fuel consumption around 244 g/kw.h				
	Engine	Power output range of 18-22 HP (13.43 Kw, 14.92 Kw, 16.4 Kw)				
		Air cleaner oil bath type				
	Clutch	Multiple plates, Dry disc				

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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Brakes	Hand operated dry brakes		1 Set (20 hp / 14.92 kw)		
	No. of Gears	Forward-6, Reverse-2 (With high-low selector lever)				
	Tilling width	Around 900 mm				
	Number of rotary tiller blades	minimum 24				
	8. Ground Clearance	minimum 185 mm				
	Cooling system	Water or condense cooled				
	Fuel Tank Capacity	Minimum 15 Liters				
	Lubrication System	Combined pressure and splashing type				
	Minimum turning radius	1.3 meter		1 Set (22 hp / 16.4 kw)		
	Starting method	Manual or Electric				
	Certification	Respective country verified certification				
	Color	Standard				
	Accessories	Toolbox				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				



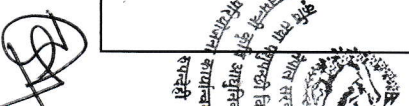

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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
2	Reaper (Power Tiller Drawn) Make and Model (Brand) Country of manufacturer Power range Features Type of cutting table Placing type Rated speed Cutting width Cutting height Type of cutting Unit Crop divider Certification Color Warranty	Any Any Power tiller of 18 Hp to 22 Hp Paddy and wheat harvesting, front mounted conveyor reaper Standing typed sidewise and banded placed 3600 rpm minimum 1200 mm minimum 50 mm Cutter bar with serrated V shaped blade 5 with star wheels Respective country verified certification Standard Manufacturer shall provide warranty for at least one year for manufacturing defects		Set		
3	Reaper (Tractor Drawn) Make and Model (Brand) Country of manufacturer Power Required Features Capacity Working width Stubble height Cutting blade No. of stars Weight Certification Color Warranty	Any Any 35 Hp and above Paddy and wheat harvesting, front/back mounting on tractors and connected to PTO shaft for harvesting with hydraulic lifting 0.4 ha/hr-2.4 ha/hr minimum 7 ft. ≥ 25 mm 3 mm 7 stars with crop divider minimum 190 kg Respective country verified certification Standard Manufacturer shall provide warranty for at least one year for manufacturing defects		Set		

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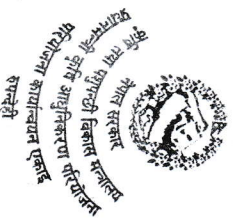
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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
4	Wheat Thresher			Set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Type	Axial flow (open threshing drum)				
	Features	Suitable for wheat, Sorghum, Soyabean, grams, mustard, bean				
	Power Required	Tractors above 35 Hp				
	Capacity	≥2000 kg/hr				
	Threshing efficiency	≥ 95 percentage				
	Crop Feeding	Direct hopper type or chute type				
	Threshing cylinder or Drum	rasp-bar or spike tooth cylinder with suitable number of blades.				
	PTO input speed	540 rpm				
	Maximum Rpm	700-800 rpm				
	No. of sieves	at least 2				
	No. of fans	≥ 2				
Duct	minimum two; primary duct for removing major portion of straw dust, other foreign matter and secondary for final cleaning.					
Standard Accessories	PTO shaft, Tool box, Grease gun					
No. of transmission joints	4					
Ms sheet thickness	minimum 3 mm					
Overall weight	1450 kg - 1680 kg					
Transportation wheel	2 no. s of pneumatic type tyre					
Certification	Respective country verified certification					
Color	Standard					
Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					

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S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
5	Self-Propelled Reaper			Set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Features	Paddy and wheat harvesting self-propelled reaper				
	Power Required	Minimum 6 Hp				
	Engine	Single cylinder, 4-stroke diesel engine				
	Cooling System	Water or condense cooled				
	Type of cutting table	Standing typed				
	Cutting width	minimum 1.2 m (adjustable)				
	Cutting height	≥ 50 mm				
	Rated speed of PTO	3600 Rpm				
	Reaper Cultivation	minimum 4-line at a time				
	Teeth spacing	minimum 125 mm				
	Fuel consumption	≤ 900ml/hour				
	Crank Speed	minimum 540 rpm				
	Gear system	Forward-6, Reverse-2 (With high-low selector lever)				
Certification	Respective country verified certification					
Color	Standard					
Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					
6	Super Seeder			set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Type	Zero till seed drill(Wheat, lentil etc)				
	Power source	55 hp and above tractor				
	Material	Stainless steel				
	Hitching System	3 point linkage				
Gear box rpm	540/1000 rpm					

5

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (In Words)
9	Gear box oil	≤2800ml		set		
	Engine oil	≤10000ml				
	Cutting depth	1-5 inches				
	Overall cultivation width	36"-48" (adjustable)				
	Additional Accessories	Complete set				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	Banana shredder/cutter Machine					
	Make, Model and Brand	Any				
Country of manufacturer	Any					
Capacity	≥ 0.5 Acre/hr					
Engine Type	Tractor Operated					
Material	Mild Steel/ Stainless steel					
Power Source	45HP and above					
PTO speed	540 rpm					
fuel consumption:	≤ 4-4.5 litre/hr					
no. Of blades	≥ 2					
Certification	Respective country verified certification					
Color	Standard					
Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					
10	1 HP 2 Paddle Wheel Aerator	Motor: Single phase, CED coating with H class insulation; Gear Box: Bevel-Helical type, Cast Iron Body with CED coating; Impeller: Floats, Cover and Tripod; Virgin PP/HDPE with UV; Impeller Speed: 1000 RPM; Movable joint, Shaft, Frame and Bolt kit: SS-304; Synthetic Gear Box Oil; Oxygen transfer rate: 1.5kg/h		set		



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केरल राज्य सरकार
 कृषि तथा पशुधन विभाग
 परियोजना कार्यालय, मुन्नार
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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
11	2HP 4 Paddle wheel aerator	Motor: Single phase, CED coating with H class insulation; Gear Box: Bevel-Helical type, Cast Iron Body with CED coating; Impeller, Floats, Cover and Tripod: Virgin PP/HDPE with UV; Impeller Speed: 1440RPM; Movable joint, Shaft, Frame and Bolt kit: SS-304; Synthetic Gear Box Oil; Oxygen transfer rate: 2.5kg/h		set		
12	Fountain aerator	single phase: 220 V, 2 HP motor; Head: 9 m, current : max. 9.6A, Frequency:50 Hz, Flow rate: 667 lit/min, oxygenation capacity: 1.85 kg o2/hr, Rpm: 3000		set		
13	Automatic Feed Feeder	Solar power based; Power: 150 Watt DC motor; Voltage: DC 12 V; Feed dispensing radius: 10-15 m; Automated by timer; Feed loading capacity: 200-300kg		set		
14	Submersible pump			set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Type	Openwell submersible water pump				
	Power	2 Hp, 1.5 KW				
	Current	≤ 9 amp				
	Head range	≥ 18 m				
	Power required	Single phase, 220-240 V & 50Hz				
15	Feed Pellet Making Machine			set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
15	Product Type	Floating type				
	Motor Type	single/three Phase Motor				
	Power	5HP/3.73 KW Heavy Duty Motor				
	Rated Power voltage	220 V-440 V				
	Output Capacity	≥200 kg per hr				
	Rated Speed	1440 RPM				
	Die and Roller Size	150mm-160 mm				
	Pellet Size	4mm-6 mm				
	Certification	Respective country verified certification				

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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
16	Fish drying/ dehydrator machine	Technical specification should be provided by supplier ownself		set		
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	Make, Model and Brand					
	Country of manufacturer					
	Material					
	Capacity					
	Power supply					
	Power input					
	Running current					
	Maximum power					
	Dehydration amount					
	Working Temperature					
	Noise level					
	Controller					
Certification						
Warranty						
17	HDPE (High Density Polyethylene) Tarpaulins			sqm		
	Make and brand	Any				
	Country of manufacturer	Any				
	Thickness	≥240 gsm				
	Material	Anti-uv, anti-leaking, Anti bacteria, Anti-Fouling, Anti-acid & alkali, corrosion resistance and Shock resistance.				
	Colour :	Blue				
	Life span	5-7 years				
	Dimension	10-13 ft width				
Warranty	immediate exchange in case of manufacturing defects					




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