



नेपाल सरकार

कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाइ, रुपन्देही

मूल्य सूची प्रस्ताव फारम

- संस्थाको नाम :
- संस्थाको ठेगाना :
- सम्पर्क व्यक्तिको मोबाइल नं. :
- ईमेल :
- आधिकारिक व्यक्तिको नाम :
- पद :
- इमेल :
- संस्था रजिस्ट्रेशन नं. :
- रजिस्ट्रेशन गर्ने कार्यालय :
- फर्म दर्ता मिति :
- PAN/VAT रजिस्ट्रेशन नं. :
- व्यापारको किसिम/उद्देश्य :
- नाटः उपलब्ध गराउन सक्ने सामग्रीको मूल्य र अन्य विवरण प्रस्ट खुल्नु पर्ने साथै additional specification मा कृषि औजारको अनिवार्य रूपले विवरण भर्नु पर्नेछ अन्यथा पेश गरेको मूल्य सूची तथा अपूर्तिकर्ता कार्यालयबाट स्वीकृतिको लागि योग्य हुने छैन।

Technical Specification For Farm Machinery and Equipments						
S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
1	Reaper (Power Tiller Drawn)			set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Power range suitable	easily run by power tiller				
	Features	Paddy and wheat harvesting, front mounted conveyor reaper				
	Type of cutting table	Standing type				
	Placing type	sidewise and banded placed				
	Rated speed	3600 rpm				
	Cutting width	above 1000 mm				
	Cutting height	minimum 30 mm				
	Type of cutting Unit	Cutter bar with serrated V shaped blade				
	Crop divider	5 with star wheels				
	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 (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
2	Reaper (Power Tiller Drawn)			set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Power range suitable	easily run by power tiller				
	Features	Paddy and wheat harvesting, front mounted conveyor reaper				
	Type of cutting table	Standing type				
	Placing type	sidewise and banded placed				
	Rated speed	3600 rpm				
	Cutting width	minimum 1000 mm				
	Cutting height	minimum 30 mm				
	Type of cutting Unit	Cutter bar with serrated V shaped blade				
	Crop divider	4 with star wheels				
	Certification	Respective country verified certification				
3	Reaper (Tractor Drawn)			set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Power Required	35 Hp and above tractor				
	Features	Paddy and wheat harvesting, front/back mounting on tractors and connected to PTO shaft for harvesting with hydraulic lifting (Back mount recommended)				
	Capacity	0.35 ha/hr-2.0 ha/hr				
	Working width	minimum 7 ft.				
	Stubble height	≥ 25 mm				
	Cutting blade	3 mm				
	No. of stars	7 stars with crop divider				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
4	Wheat Thresher					
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Type	Tractor PTO operated				
	Features	Suitable for wheat (except paddy)				
	Power Required	Tractors above 35 Hp				
	Capacity	≥ 1000 kg/hr				
	Threshing efficiency	≥ 95 percentage				
	Cleaning efficiency	>=95 percentage				
	Power transmission system	from PTO shaft to main shaft through grooved pulley and V-belt.				
	Crop Feeding	Direct hopper type/chute type or conveyor belt type				

S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Threshing cylinder or Drum	rasp-bar, peg or spike tooth cylinder with suitable number of blades.		set		
	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	2 to 4				
	Transportation wheel	2 no.s of pneumatic type tyre or nylon tyre				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
5	Power tiller (18 Hp)			set		
	Make, Model and Brand	Any				
	Type	Single axle, dual purpose for both traction and drive				
	Engine type	Horizontal, 4-stroke single cylinder, Diesel engine				
	Power	12.4 kw±0.2 kw or above				
	Engine speed	2200 rpm				
	Bore x stroke	105mm x 115mm±10mm				
	Cooling system	Radiator/hopper water cooled				
	Wheel track	>=640mm				
	Minimum ground clearance	185mm±5mm				
	Min. turning radius	900 ±50 mm				
	Clutch	Manual separation gear, dry type				
	Tillage width	1000 mm±100mm				
	No of rotary blades	28±4				
	Starting model	Hand-crank/Power-start or Recoiling start				
	Fuel tank	12±2 litres				
	Tools set	needed				
	Warranty	At least 1 year warranty after acceptance.				
	Catalogue/manual	Operation manual should submit.				
6	Power tiller (20 Hp)			set		
	Make, Model and Brand	Any				
	Type	Single axle, dual purpose for both traction and drive				
	Engine type	Horizontal, 4-stroke single cylinder, Diesel engine				
	Power	13.8 kw±0.2kw or above				
	Engine speed	2200 rpm				
	Bore x stroke	105mm x 115mm±10mm				
	Cooling system	Radiator/hopper water cooled				
	Wheel track	>=640mm				
	Minimum ground clearance	185mm±5mm				
	Min. turning radius	900 ±50 mm				

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S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Clutch	Manual separation gear dry type				
	Tillage width	1000 mm±100mm				
	No of rotary blades	28±4				
	Starting model	Hand-crank/Power-start or Recoiling start				
	Fuel tank	12 ±2 litres				
	Tools set	needed				
	Warranty	At least 1 year warranty after acceptance.				
	Catalogue/manual	Operation manual should submit.				
7	Power tiller (22 Hp)					
	Make, Model and Brand	Any				
	Type	Single axle, dual purpose for both traction and drive				
	Engine type	Horizontal, 4-stroke single cylinder, Diesel engine				
	Power	15.4kw±0.2kw or above				
	Engine speed	2200 rpm				
	Bore x stroke	105mm x 115mm±10mm				
	Cooling system	Radiator/hopper water cooled				
	Wheel track	>=640mm				
	Minimum ground clearance	185mm				
	Min. turning radius	900 ±50 mm				
	Clutch	Manual separation gear dry type				
	Tillage width	1000 mm				
	No of rotary blades	>=28				
	Starting model	Hand-crank or Power-start or Recoiling start				
	Fuel tank	12±2 litres				
	Tools set	needed				
	Warranty	At least 1 year warranty after acceptance.				
	Catalogue/manual	Operation manual should submit.				
8	1 HP 2 Paddle Wheel Aerator	Type: surface floating, motor: 1 Hp Single phase, CED (Cathodic Electro Deposition) coating with H class insulation; Gear Box: Bevel type, Cast Iron Body with CED coating; Impeller, Floats, Cover and Tripod: Virgin PP/HDPE with UV; Movable joint, Solid Shaft, Frame and Bolt kit: SS-304 or corrosion free; Synthetic Gear Box Oil; Oxygen transfer rate: 1.2 to 1.5kg/h		set		
9	2HP 4 Paddle wheel aerator	Type: surface floating, motor: 2 Hp Single phase, CED (Cathodic Electro Deposition) coating with H class insulation; Gear Box: Bevel type, Cast Iron Body with CED coating; Impeller, Floats, Cover and Tripod: Virgin PP/HDPE with UV; Movable joint, Shaft, Frame and Bolt kit: SS-304 or corrosion free; Synthetic Gear Box Oil; Oxygen transfer rate: >=2.2kg/h		set		
10	Fountain aerator	single phase: 220 V, 2 HP motor, Head: 9 m, Frequency: 50 Hz, Flow rate: 500-667 lit/min, oxygenation capacity: 1.5-1.85 kg O2/hr, Rpm: 3000 or 1500 rpm		set		

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Agriculture Engineer
NEC 378 'AE'

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S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (in Figures)	Per Unit Rate (in Words)
11	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		
12	Fish drying/ dehydrator machine (Fish Dryer)					
	Make/Brand & Model	Any				
	Country of manufacturer	Any				
	Capacity	70kg-150kg				
	Heating Media	Electric Heating/ 9kw				
	Motor power required	>= 0.5 HP				
	Number of Tray	at least 20				
	Operating Temperature	25°C-100°C				
	Speed	>= 1140 rpm				
	Voltage, frequency & phasse required	220V, 50 Hz, 3 Phase		set		
	Material of construction	MS section structural framework				
	Color	Standard				
	Automation Grade	Semi-Automatic				
	Warranty	1 year manufacturing defects				
13	Laser Guided Leveler					
	Make, Model and Brand	Any				
	Type	Self Leveled laser transmitter				
	Operating range	minimum operating range of 500m (radius)				
	Accuracy	accuracy level $\pm$ 1.0-1.5 mm for 30 meters				
	Tools	Laser eye receiver for field survey				
		Laser receiver with beam acceptance angle 360 degree				
	Control Box	Automatic (Digital or analog)				
	Bucket scrapper	Four tyre				
	Working width (mm)	2080-2440 mm				
	Thickness of blades	12-13 (mm)				
	Accessories	Rigid mast with arms and height adjustment facility				
		Automatic double acting hydraulic cylinder assembly				
		Tripod stand				
		Grade rod for survey				
		Cable Connectors				
	Battery suppliments	Rechargeable Battery with charging cable (Min. 12 V)				
	Certification	Respective country verified certification				
	Test report	Required				
	Warranty	1 year manufacturing defects				
14	Pellet Making Machine	Output product type: sink, Motor power: >=2 Hp, revolution speed: 1400-3000 rpm, capacity: >=50 kg, electricity power required: single phase, 50Hz and <=220V.		set		

S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Working depth	at least 6"		set		
	Row to row distance	at least 600mm				
	No. of cups	at least 2 x 25				
	Seed hopper capacity	at least 200 kg				
	Fertilizer hopper capacity	at least 50 kg				
	Warranty	1 year in case of manufacturing defect				
	Catalogue/manual	Operation manual should submit				
20	Potato Digger/Harvester					
	Make, Model and Brand	Any				
	Type	Tractor operated				
	Power required	above 35 Hp				
	Harvesting row	at least 2				
	Pto rotation	540 rpm to 1000 rpm				
	Working depth	at least 6" to 8"				
	Power transmission	Gear drive/ PTO drive				
	Cage type	Belt/SS Chain				
	No. of wheel	2				
	Harvesting capacity	at least 3000 sqm per hr.				
	Hitching mechanism	3 point linkage				
	Working width	0.9 m or above				
	Warranty	1 year in case of manufacturing defect				
	Catalogue/manual	Operation manual should submit				
21	Ridge Maker	Make, Model and Brand: Any, Type: Mini-Tiller attached, Power required: 6-9 Hp minitiller, No. of row: Single row, Ridge size: 9" or above (Adjustable), Ridge depth: 8" or above		set		
22	Potato Planter	Make, Model and Brand: Any, Type: Mini-Tiller attached, Power required: 6-9 Hp minitiller, No. of furrow opener: Single row, working depth: 4" or above, Plant to plant distance: 4" to 8"		set		
23	Potato Digger	Make, Model and Brand: Any, Type: Mini-tiller attached, Power required: 6-9 Hp,		set		
24	Ridger Maker	Make, Model and Brand: Any, Type: Power Tiller attached, No. of rows: at least 1, Power required: 15-22 Hp power tiller, Ridge size: 9" or above, working depth: 8" or above		set		
25	Potato planter	Make, Model and Brand: Any, Type: Power tiller attached, Power required: 15-22 Hp power tiller Purpose: for planting potato, no. of sowing rows: at least 1, sowing depth: at least 5"		set		
26	Potato Harvester	Make, Model and Brand: Any, Type: Power tiller attached, Power required: 15-22 Hp, No. of row: single row, Row width: at least 40 cm, Working depth: at least 8"		set		

Suppliers responsibilities

- A) Manufacturing company shall provide at least 1 year of warranty in case of manufacturing defect.
- C) General operation training of the machine shall be given to the purchaser (Depend upon machinery equip
- D) Test report, lab certificate regarding machineries power with ISO 9001:2015 certified certification must be included by the suppliers.
- B) Necessary spare parts shall be supplied easily in demand of beneficiary.

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