

नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना
मूल्य सूची प्रस्ताव प्रारम्भ
रुपन्देही

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- ईमेल :
३. आधिकारिक व्यक्तिको नाम :
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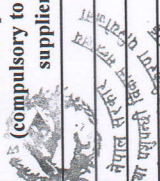
९. नोट: उपलब्ध गराउन सक्ने सामग्रीको मूल्य र अन्य विवरण प्रस्ट खुल्नु पर्ने साथै additional specification मा कृषि औजारको अनिवार्य रूपले विवरण भर्नु पर्नेछ अन्यथा पेश गरेको दररेट मान्य हुने छैन।

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)					
	Make and Model (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				

कार्यपालक कार्यालय
नगरपालिका, रुपन्देही


कृषि विकास क्षेत्री
N.C. कृषि इन्जिनियर

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


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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)
	Threshing cylinder or Drum	rasp-bar, peg or spike tooth cylinder with suitable number of blades.	 <p>भारत सरकार कृषि एवं पशुधन विभाग परिधानी उपकरण कार्यालय राजकोट</p>	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 Self-Propelled Reaper					
	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, air or condense cooled				
	Type of cutting table	Standing type				
	Cutting width	minimum 1.2 m or 4 ft.				
	Cutting height	≥ 30 mm				
	Rated speed of PTO	3600 rpm or 1450 rpm				
	Reaper Cultivation	minimum 4-line at a time				
	Teeth spacing	minimum 120 mm				
	Crank Speed	minimum 540 rpm				
	Gear system	Forward-2, Reverse-1 (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 Riding type 4 wheel Rice transplanter					
	Name	Any				
	Model	Any				
	Country of manufacturer	Any				
	Type	Riding type 4 wheel Rice Transplanter				
	Engine	Diesel engine, 4-Stroke, single/three cylinder, air cooled/water cooled				
	Gear	Forward 5, minimum reverse 2				
	Displacement	380cc - 400cc				
	Power	>=12 HP				
	Starting method	Electric starting/relevant				
	Steering	power steering				


भारत सरकार
कृषि एवं पशुधन विभाग
परिधानी उपकरण कार्यालय
राजकोट

डा. उमेश शर्मा
NEC
परिधानी उपकरण कार्यालय
राजकोट


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)
	Ground Clearance	minimum 400mm				
	Number of planting rows	>=6 rows				
	Plant to plant spacing	Adjustable (10-30 cm)				
	Distance between each row	<=30cm				
	Number of plants per hills	Adjustable (2 to 8)		set		
	Depth of planting	Adjustable (2-8 cm)				
	Type of seedling use	Mat type seedling use				
	Fuel tank capacity	Not less than 15 litres				
	Transplanting rate	More than 0.2 m/s				
	Front tyres	2 in numbers, puncture free solid type tyre/others				
	Rear tyres	2 in numbers, solid rubber anti puncture tyre/others				
	transplanting type	rotary/ others				
	lifting type	Hydraulic system				
	Tools set	Needed				
	Spare parts	should be provided as per need				
	Warranty	At least 1 year of manufacturing defects				
	Training	4-7 days operator and general maintenance training provided to operator				
	Demonstration	In the field as directed by the office				
	Catalogue/manual	operation manual should submit				
	Certification	Any Test Report and respective country verified certification				
7	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/cast iron				
	Power Source	45HP and above		set		
	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				
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		


छवि डॉ. अशोक अ. ए.
कृषि इंजीनियर


महाराष्ट्र सरकार
कृषि विभाग
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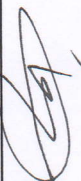
S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
9	2HP 4 Paddle wheel aerator	Type: surface floating, motor: 2 Hp Single phase, CED (Cathodic Electro Deposition) coating 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: ≥ 2.2 kg/h 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 o ₂ /hr, Rpm: 3000 or 1500	 भारत सरकार कृषि तथा पशुधन विभाग परिचालना कार्यपालना एकाई नयी दिल्ली	set		
10	Fountain aerator	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		
11	Automatic Feed Feeder			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 24				
	Operating Temperature	25°C-100°C				
	Speed	≥ 1140 rpm				
	Voltage, frequency & phase required	220V, 50 Hz, 3 Phase				
	Material of construction	MS section structural framework				
	Color	Standard				
	Automation Grade	Semi-Automatic				
	Warranty	1 year manufacturing defects				
13	HDPE (High Density Polyethylene) Tarpaulins					
	Make and brand	Any				
	Country of manufacturer	Any				
	Thickness	200 gsm				
	Material	Anti-uv, anti-leaking, Anti bacteria, Anti-Fouling, Anti- acid & alkali, corrosion resistance and Shock resistance.				
	Colour :	Blue				
	Life span	≥ 4 years				
	Dimension	10-12 ft width				
	Warranty	immediate exchange in case of manufacturing defects				


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भारत सरकार
कृषि एवं पशुधन विभाग
नयी दिल्ली (प्र.)

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)
14	Laser Guided Leveler		 <p>नेपाल सरकार कृषि तथा पशुपक्षी विकास प्रणाली, धरि शैत्युतिकाल परियोजना कार्यालय काठमाडौं</p>	set		
	Make and Model	Any				
	Country of origin	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 scraper	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				
15	Combine Harvester					
	Make and Model	Any				
	Country of origin	Any				
	Type	self propelled, multi crop (wheat and paddy)				
	Power Required	\geq 95 Hp				
	Speed	\geq 2200 rpm				
	steering system	Hydraulic system				
	Grain tank capacity	2000 lts or 2.3 m ³				
	Ground clearance	\geq 340 mm				
	Gear	at least 3 forward and 1 reverse				
	Cooling System	water cooling				
	Cutting bar width	\geq 13 ft				
	Fuel tank capacity	\geq 350 lts.				
	Numbers of cylinder	minimum 4				
	No.s of straw walker	minimum 5				


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 NEC 378 'AE'
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 कृषि इन्जिनियर

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)	
	No. of batteries	2 nos, 12 V	 <p>भारत सरकार कृषि विभाग सिंचन विभाग सिंचन उपकरणों के लिए</p>				
	Cutting height	>=60mm					
	Air cleaner	combination of dry and wet					
	Type of clutch	single plate; heavy duty dry clutch					
	Threshing drum	wheat(rasp bar) & paddy (peg or spike tooth)					
	Spare parts	should be provided as per need					
	Warranty	At least 5 year of manufacturing defects					
	Training	4-7 days operator and general maintenance training provided to operator					
	Demonstration	In the field as directed by the office					
	Catalogue/manual	operation manual should submit					
	Certification	Any Test Report and respective country verified certification					
16	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		
17	Powder crusher machine/Disc Mill	Rated rotary speed: 2600-5000 rpm, rated power: >=2 hp, electricity power required: single phase, 50 Hz, 220V, capacity>=40-50 kg/hr.			set		
18	Power Mixture Machine	Output capacity: >=50 kg per hour, mixing time:<=15 minute, Electricity power required: single phase, 50Hz, & 220V, Drum capacity:>= 50 lts.			set		
19	Mini Tiller						
	Make,Model and Brand	Any					
	Country of manufacturer	Any					
	Engine Type	4 stroke Diesel Engine					
	Cylinder	Single Cylinder Air cooled					
	Horse power (output)	± 9 hp above (± 6.3 Kw)					
	Displacements	± 0.310 L					
	Rated RPM	3600					
	Bore * stroke	±86*72					
	Engine oil	2.5 litres (15w40) above					
	Weight	Not less than 135 kg					
	Transmission And Speed	3(2 Forward and 1 Reverse) Combination of constant and sliding Mesh gear					
	PTO drive	Optional					
	Tilling depth	100mm above					
	Tilling width	1050 above					
	No of rotary blades	Not Less than 32 Blades					
	Start	Recoiling Manual Start or self starter					
	Tools set	Needed					
	Warranty	1 year					
	Catalogue/manual	Operation manual should submit					

भारत सरकार
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