

नेपाल सरकार

कृषि तथा पशुपन्छी विकास मन्त्रालय  
राष्ट्रिय कृषि आधुनिकीकरण कार्यक्रम  
कार्यक्रम कार्यान्वयन एकाइ, रुपन्देही

मूल्य सूची



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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 साथै उपलब्ध गराउने सामग्री २०२५-२०२६ को हुनुपर्ने छ।

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implemments 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, 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	side-wise 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				
	Color	Standard				

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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 (Tractor Drawn)	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	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				
3	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 45 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				
	Threshing cylinder or Drum	rasp-bar, peg 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	2 to 4				
	Transportation wheel	2 no.s of pneumatic type tyre or nylon tyre				

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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)
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
4	<b>Power tiller (18 Hp)</b>					
	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.				
5	<b>Power tiller (20 Hp)</b>					
	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				
	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.				

  
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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)
6	<b>Power tiller (22 Hp)</b> Make, Model and Brand Type Engine type Power Engine speed Bore x stroke Cooling system Wheel track Minimum ground clearance Min. turning radius Clutch Tillage width No of rotary blades Starting model Fuel tank Tools set Warranty Catalogue/manual	Any Single axle, dual purpose for both traction and drive Horizontal, 4-stroke single cylinder, Diesel engine 15.4KW±0.2kw or above 2200 rpm 105mm x 115mm±10mm Radiator/hopper water cooled ≥640mm 185mm 900 ±50 mm Manual separation gear dry type 1000 mm ≥28 Hand-crank or Power-start or Recoiling start 12±2 litres needed At least 1 year warranty after acceptance. Operation manual should submit.		set		
7	<b>1 HP 2 Paddle Wheel Aerator</b>	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		
8	<b>2HP 4 Paddle wheel aerator</b>	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		
9	<b>Fountain aerator</b>	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		
10	<b>Automatic Feed Feeder</b>	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		

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S.N.	Name of Implements With Description	Technical Specification	Additional specification (suppliers to fill up by suppliers)	Unit	Per Unit Rate (in Figures)	Per Unit Rate (in Words)
11	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 & 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				
12	Laser Guided Leveler					
	Make, Model and Brand	Any				
	Type	Self Levelled 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				
13	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.				



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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)
14	Combined Mill	Rated rotary speed: 2600-5000 rpm, rated power: >=2 Hp, <=4 Hp, <=40 kg/hr. power required: single phase, 50 Hz, 220V, capacity >=40 kg/hr.		set		
15	Submersible pump (Latita type)	Make, Model and Brand: Any, Country of manufacturer: Any, Purpose: To remove sewage water from fish pond, Type: Open well submersible water pump, Power: 2 Hp/1.5 kw, Current consumption: 9-amp or less, Head range= 9m or more, Power required: Single phase, 220-240 V, 50Hz, Discharge diameter: 3 inch - 4 inch, Max. discharge rate=300 l/min, Net weight: at least 14 kg		set		
16	Mini Tiller	Make, Model and Brand: Any				
	Engine Type	4 stroke Diesel Engine				
	Cylinder	Single Cylinder Air cooled				
	Power	6.3 Kw±0.3 kw				
	Displacements	>=0.310 L or >=310 cc				
	Engine speed	3600 rpm				
	Bore * stroke	86*72 mm				
	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 40 Blades				
	Start	Self starter				
	Fuel Tank	at least 5 lts.				
	Tyre	5.0-12/ 4.0-8				
	Engine/Gear oil	Needed				
	Tools set	Needed				
	Warranty	1 year in case of manufacturing defect				
	Catalogue/manual	Operation manual should submit				
17	Potato Planter					
	Make, Model and Brand	Any				
	Type	Tractor operated				
	Power required	45 Hp above				
	No. of furrow opener/ rows	at least 2				
	no. of ridge maker	at least 3				
	Working depth	at least 6"				
	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				

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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)
18	Potato Digger/Harvester	Operation manual should submit				
	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				
19	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		
20	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		
21	Battery cum Manual Knapsack Sprayer/Electric Sprayer					
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Type	Battery operated cum manual back pack (Knapsack) (Two in one)				
	Material tank	HDPE (Plastic)				
	Tank volume	16 liters above				
	Pump	Poly propylene knapsack and submersible pump				
	Nozzle	Plastic or metal				
	No of nozzle	3 Type				
	Nozzle types	Conical, sectorial, four hole nozzle.				
	Battery	12V, 8Ah or 12V, 12Ah Lithium battery with charger				
	No of piston in pump	1 for manual operations				
	Pressure and flow	0.10 -0.85 MPA (3.6 LPM to 4.5 LPM) (100psi to 110 Psi)				
	Warranty	1 year				
	Catalogue/manual	operation manual should submit				
22	Power Sprayer					
	Make, Model and Brand	Any				
	Type	Back Pack				
	Engine	4 stroke, 5.5 hp petrol engine				
	Engine speed	3600 rpm with load				



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)
	Pump type	Diaphragm or equivalent		set		
	Displacement	75 cm <sup>3</sup> or above				
	Suction volume	13.5 to 20 lit/hr				
	working pressure	0 - 40 kg/cm <sup>2</sup>				
	Hose pipe	100 mm (8.5 mm 5 layers) with joints				
	Suction hose pipe	5 meters or above				
	Sprayer gun with 3 types of nozzels	Hollow, flats and normal				
	Proven performance	The power spray offered must be current model manufacture for at least 1 years.				
	Warranty	At least 1 year warranty after acceptance.				
	Catalogue/manual	Operation manual should submit.				
	<b>23 Super Seeder</b>					
	Make and Model (Brand)	Any		set		
	Country of manufacturer	Any				
	Tractor Power	55 hp and above tractor				
	Number of times	≥9				
	Number of furrow opener	≥10				
	Row to row distance	(7-8 inch) or Adjustable				
	working width	Above 2000 mm				
	working depth	Above 100 mm				
	Type of blade	JF, J or JC type				
	Number of blades	48-72				
	Seed and fertilizer mechanism	Aluminium fluted roller type				
	Furrow Openers	Disc Type/Inverted T-Tyres				
	Press roller	Must be attached				
	Gearbox	Multi Speed				
	Side Transmission type	Gear Drive				
	Certification	Respective country verified certification				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	<b>24 Riding type 4 wheel Rice transplanter</b>					
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Type	Riding type, 4 Wheeled self-propelled Rice Transplanter				
	Engine	Diesel engine, 4-Stroke, three cylinder, water/air cooled.				
	Gear	Forward 5, minimum reverse 2				
	Displacement	>=400cc				
	Power	>=20 HP (>=15.5 kw)				
	Starting method	Electric starting/self start				
	Steering	power steering/hydraulics				
	Ground Clearance	minimum 400 mm				
	Number of planting rows	Minimum 6 rows				

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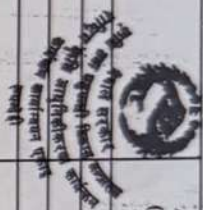


S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Top hood roof	present		set		
	Plant to plant spacing	Adjustable (10-30 cm)				
	Distance between each row	<=30cm				
	Number of plants per hills	Adjustable (2 to 8)				
	Depth of planting	Adjustable (2-8 cm)				
	Type of seedling use	Mat type seedling use				
	Fuel tank capacity	Not less than 20 litres				
	Working efficiency	0.2-0.45 ha/hr.				
	Front tyres	2 in numbers, puncture free solid type tyre, tubeless				
	Rear tyres	2 in numbers, solid rubber anti puncture tyre/tubeless				
	lifting type	Hydraulic system				
	Tools set	Needed				
	Warranty	At least 1 year of manufacturing defects				
	Initial Service	The supplier shall provide all the necessary filters and spare parts required for the first two services, after the vehicle has been accepted.				
	Training	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				
25	<b>Paddy Thresher</b>					
	Make, Model and Brand	Any				
	Power required of tractor	35 Hp or above				
	Flow type	axial type				
	Type	Spike tooth/peg tooth & rasp bar paddy thresher				
	Type	Tractor PTO shaft				
	Type of feeding system	Manually, Feeding chute type				
	Threshing unit Diameter (drum)	>=543mm				
	Threshing unit length	>=1550mm				
	Concave type	semi circular/cylindrical				
	Concave length	>=1340 mm				
	Nos. of fan	at least 4-6				
	Sieve type	Oscillating				
	Sieve number	2				
	Rotational speed of cylinder	700-800 rpm				
	No. of blower	at least 2				
	Blower Diameter	>=623 mm				
	Blower Fan and Blades	Centrifugal/aspirator Types fan and 4 blades				
	No. of flywheel, wt. including blower	at least 2 (total weight 160 kg±10 kg)				
	Wt. of thresher	at least 1600 kg				
	Input capacity	>=2000 kg/hr				
	Output Capacity	>=2000 kg/hr				



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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)
26	Warranty	1 year manufacturing defects				
	Cultivator	Any				
	Make and model	Any				
	Type	spring loaded				
	Source of power	35 Hp or above				
	No of tine	9				
	Working width	1800 -2200 mm				
	Under frame clearance	450 -550 mm				
	Capacity Ha/h	0.35 to 0.6				
	Type of shovels	Reversible shoe				
	Diameter of spring wire	9.5 mm±3mm				
	No of spring per tine	2				
27	Warranty	1 year manufacturing defects				
	4- Wheeler Mini Tiller					
	Make, Model and Brand	Any				
	Type	Single cylinder, 4- stroke, diesel engine				
	Purpose	Multi purpose such as tilling, transportation of agriculture goods				
	Starting system	Self starter/electric				
	Cooling system	Air cooled				
	Power required	6.2 kw±0.2 kw or above				
	Maximum speed	3600 rpm				
	Displacement	0.406 L				
	Fuel tank capacity	>=5 lts.				
	Connection mode	propeller shaft				
28	Clutch type	Wet friction disc clutch				
	No. of Gear	at least 2 Forward and 1 reverse				
	Brake type	Mechanical drum brake/ hydraulic				
	No. of tilling blades	>=32				
	Tilling width & Tilling depth	>=1100mm & >=100mm				
	Battery	12V/36 Ah (in case of electric starting system)				
	Intercultivator					
	Make, Model and Brand	Any				
	Engine Type	4 stroke Diesel Engine				
	Cylinder	Single Cylinder Air cooled				
	Features	For intercultivation in banana farming and bund formation				
	Power	4.0 Kw±0.3 kw (5 Hp)				
	Driving mode	Belt				
	Rated RPM	1800 rpm				
	Transmission And Speed	Gear, chain transmission				
	PTO drive	Optional				
	Tilling depth	100mm above				
	Tilling width	240-600 mm above				
	No of rotary blades	Not less than 18 Blades				



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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)
29	Starting system	Recoil/Manual		set		
	Engine oil, Gear oil	Needed				
	Warranty	1 year in case of manufacturing defect				
	Catalogue/manual	Operation manual should submit				
	Disc Harrow					
	Make, Model and Brand	Any				
	Type	Tractor attachment				
	Power Required	35 Hp or above				
	No. of disc	at least 12-14 (at least 6 front disc & 6 rear)				
	Type of disc	Plain type/notched type				
30	Disc dia	at least 24"		set		
	Tillage Width	at least 1330 mm-1600 mm				
	Distance between discs	9"				
	Bearing Hubs	4				
	Weight	at least 580 kg-650 kg				
	Warranty	1 year in case of manufacturing defect				
	Catalogue/manual	Operation manual should submit				
	Reaper Binder					
	Make, model and brand	Any				
	Country of manufacturer	Any				
31	Type	Self-propelled, 3 wheel		set		
	Functions	harvesting and binding of crops (Wheat, Paddy etc.)				
	Suitability	suitable for crops of 80 cm-110 cm height				
	Working efficiency	0.3-0.4 ha/hr				
	Starting system	self/electric				
	Cutter bar lifting	Hydraulic system				
	Engine power	at least 10 Hp, air cooling				
	Gear	4 F & 1 R				
	Cutting width	1.2 m				
	Cutting height	30 mm -50 mm				
31	Weight	380 kgs		set		
	Warranty	At least 1 year of manufacturing defects				
	Straw Reaper					
	Make, model and brand	Any				
	Power Sources	Tractor 45 hp above				
	Reel type	Spring tyne bar pick up reels				
	No. of reel	at least 5				
	Diameter of reel	450 to 590 mm without spikes				
	Width of reel	1980 to 2030 mm				
	Cutter bar width	min of 1800 mm				
31	Cutter bar blade type	Serrated		set		
	Feed Auger type	Double helical				
	Beater type	CHABARI type				
		CHABARI type				



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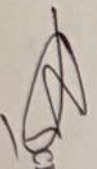
S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (in Figures)	Per Unit Rate (in Words)
32	Diameter of threshing drum	490mm (min)		set		
	No of blades	240 pics( min ) (bars x no. of blade in eac bars)				
	Speed of Drum @1800 engine speed	750 to 1000 rpm				
	Straw Blower	Two or three blower				
	Straw outlet extension type	M/S curved cylinder				
	Transport Wheel	Two ribbed tyres				
	Warranty	1 year manufacturing defects				
	<b>Tractor</b>					
	Make and model	Any				
	Country of origin	Any				
	Type	Above 60 hp, 2WD, diesel engine				
	Engine capacity(cc)	2900 to 3700 cc				
	Engine type	Diesel engine, 4- stroke				
	Hydraulic lifting Capacity (Kg)	1500 to 2200 kg				
	Clutch type	Dual Clutch				
	Engine Cylinder	4				
	Rated Engine RPM	1800 to 2300				
33	Gear Type	Constant Mesh /Synchromesh		set		
	Gear Location	Side Shifting				
	Gear Speed	8 forward and 2 Reverse				
	PTO RPM	MRPTO (multi speed reverse PTO)				
	Steering	Power Steering				
	Break	Multi plate oil Immersed Disc Brake				
	Front tyre	>=6.0*16				
	Rear Tyre	>=14.9 * 28				
	Cooling	Water and Coolent				
	Air Filter	Dry type				
	Tool box	Must Provide				
	Service	Must Provide				
	Catalogue	Must Provide				
	Test report	Required				
	Certification	ISO certified				
	Warranty	at least 5 year manufacturing defects				
	<b>Straw/Hay Baler</b>					
33	Make, Model and Brand	Any		set		
	Type	Round Baler				
	Tractor power required	at least 35 hp				
	Hitching system	3 point hitch				
	Bale size (Dia & Length)	at least 600 mm x 700 mm				
	bale weight	15-35 kg				
	Pickup width	80 cm				
	Working efficiency	35000 bales/hr.				

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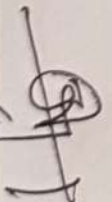
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S.N.	Name of Implements With Description	Technical Specification	Additional specification (compulsory to fill up by suppliers)	Unit	Per Unit Rate (in Figures)	Per Unit Rate (in Words)
	Binding material	Jute/Polypropylene/Twines		set		
	Baler machine weight	at least 420 kg				
	PTO speed	540 rpm				
	Tools set	Needed				
	Spare parts	should be provided as per need				
	Warranty	At least 1 year of manufacturing defects				
	Training	Must be provided to operator				
	Demonstration	In the field as directed by the office				
	Catalogue/manual	operation manual should submit				
	Certification	Test Report and respective country verified certification/ISO certified				
34	Self Propelled Reaper			set		
	Make, Model and Brand	Any				
	Purpose	for harvesting paddy and wheat				
	Engine type	4- stroke, diesel engine, single cylinder				
	Cooling system	water/radiator cooling/air cooled				
	Engine power	at least 6 Hp ( $\geq 4$ kw)				
	speed	2600-3600 rpm				
	No.s of star wheel	at least 4				
	Cutting width	1100 mm $\pm$ 100 mm				
	Stable height	$\geq 50$ mm				
35	Cutting capacity	$\geq 6$ katha/hr. or 2000 sqm/hr.		set		
	Engine and gear oil	must provide				
	Spare parts	easily available				
	Warranty	At least 1 year of manufacturing defects				
	Paddy Seeding Tray					
	Dimension	580 mm x 280 mm x 30 mm				
	Material	plastic /nylon/PU/HDP				
	Thickness	not less than 3 mm				
	Aeration	Perforated base for excess water and aeration				
	Application	4 Wheeler rice transplanter				
36	MB Plough			set		
	Make, model and brand	Any				
	Tractor power	at least 45				
	Type	Reversible				
	No. of furrow opener	at least 2				
	Turnover mechanism	Hydraulic				
	Material of construction	MS				
	Blade	High Carbon				
	Tine	approx. 36mm thick				
	Tilling width	at least 24"				
	Depth of cut	at least 12"		set		

  
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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)
37	Disc Plough			set		
	Make, model and brand	Any				
	Tractor power	at least 45				
	Type of disc	Plain type/notched type				
	Hitching system	3 point hitch				
	No. of disc	2-6				
	Dia. Of disc	at least 20"				
	Disc thickness	6-8 mm				
	Disc spacing	at least 9"				
	Depth of ploughing	6-12"				
38	Working width	at least 500 mm		set		
	Mud Pump					
	Make, model and brand	Any (Provided with details specification of mud pump and catalogue.)				
39	Features	Suitable in fish pond for removing mud mixed water.		set		
	Chisel Plough					
	Make, brand	Any				
	Features	depth ploughing; suitable for land which is not in use for a longer period of time				
	Type	Primary tillage				
	No. of tyres	at least 3				
40	Hitching system	3 point linkage or other type		set		
	Working depth	at least 10"				
	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"				

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