

नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाइ, रुपन्देही
मूल्य सूची प्रस्ताव फारम

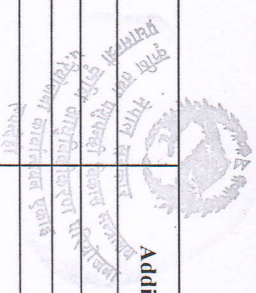
१. संस्थाको नाम :
२. संस्थाको ठेगाना :
- सम्पर्क व्यक्तिको मोबाईल नं. :
- ईमेल:
३. आधिकारिक व्यक्तिको नाम:
- पद:
- इमेल:
४. संस्था रजिस्ट्रेशन नं.:
५. रजिस्ट्रेशन गर्ने कार्यालय:
६. फर्म दर्ता मिति:
७. PAN/VAT रजिस्ट्रेशन नं. :
८. व्यापारको किसिम/उद्देश्य :
९. उपलब्ध गराउन सक्ने सामग्रीको मूल्य र अन्य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

Technical Specification For Farm Machinery and Equipments

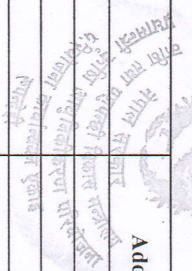
S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
1	Reaper (Power Tiller Drawn)					
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Power range suitable	easily run by power tiller				
	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	minimum 1200 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				

गोपनीय दस्तावेज
संवेदनशील
२०७३

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
2	Reaper (Tractor Drawn)			set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Power Required	35 Hp and above				
	Features	Paddy and wheat harvesting, front/back mounting on tractors and connected to PTO shaft for harvesting with hydraulic lifting				
	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 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				
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					
Certification	Respective country verified certification					
Color	Standard					
Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					

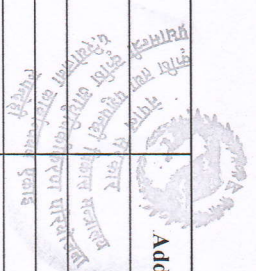



S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
4	Self-Propelled Reaper					
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Features	Paddy and wheat harvesting self-propelled reaper				
	Power Required	Minimum 9Hp				
	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				
	Reaper Cultivation	minimum 4-line at a time				
	Teeth spacing	minimum 120 mm				
	Crank Speed	minimum 540 rpm				
Gear system	Forward-4, 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					
5	Super Seeder					
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Tractor Power	55 hp and above tractor				
	Number of tines	≥10				
	Row to row distance	(7-8 inch) or Adjustable				
	working width	Above 2000 mm				
	working depth	Above 100 mm				
	Type of blade	JF type				
	Number of blades	48-54				
	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					



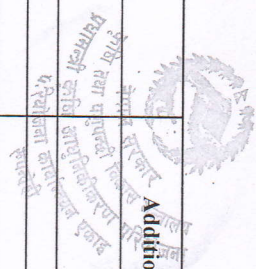
K. S. Srinivas


S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
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				
	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)				
	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				



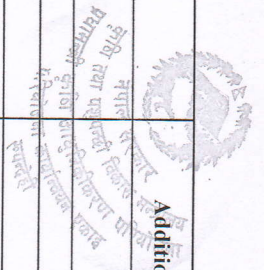

 ಗೌರವ ಸಹಾಯಕ ನಿರ್ದೇಶಕರು
 ಕೃಷಿ ಮತ್ತು ಮತ್ಸ್ಯ ಇಲಾಖೆ
 ಬೆಂಗಳೂರು. (ಕೆ.ಆರ್.)

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
7	Banana shredder/ cutter Machine	<p>Make, Model and Brand Any</p> <p>Country of manufacturer Any</p> <p>Capacity ≥ 0.5 Acre/hr</p> <p>Engine Type Tractor Operated</p> <p>Material Mild Steel/ Stainless steel/cast iron</p> <p>Power Source 45HP and above</p> <p>PTO speed 540 rpm</p> <p>fuel consumption: $\leq 4-4.5$ litre/hr</p> <p>no. of blades ≥ 2</p> <p>Certification Respective country verified certification</p> <p>Color Standard</p> <p>Warranty Manufacturer shall provide warranty for at least one year for manufacturing defects</p>				
8	1 HP 2 Paddle Wheel Aerator	<p>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</p>		set		
9	2HP 4 Paddle wheel aerator	<p>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</p>		set		
10	Fountain aerator	<p>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</p>		set		
11	Automatic Feed Feeder	<p>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</p>		set		




ಶಿಕ್ಷಣ ಮತ್ತು ಸಂಶೋಧನೆ
ಶಿಕ್ಷಣ ಮತ್ತು ಸಂಶೋಧನೆ
 ಶಿ.ಸ.ಓ. (ಶಿ.ಸ.)

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)					
12	Fish drying/ dehydrator machine (Fish Dryer)	Make/Brand & Model	Any	set							
		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 & phasse 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	sqm							
		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								
		14 Laser Guided Leveler									
		Make and Model	Any								
Country of origin	Any										
Type	Self Leveled laser transmitter										
Operating range	minimum operating range of 500m (radius)										
Accuracy	accuracy level ± 1.0-1.5 mm for 30 meters										
Tools	Laser eye receiver for field survey										
Control Box	Laser receiver with beam acceptance angle 360 degree										
Bucket scrapper	Automatic (Digital or analog)										
Working width (mm)	Four tyre										
Thickness of blades	2080-2440 mm										
Accessories	12-13 (mm)										
	Rigid mast with arms and height adjustment facility										
	Automatic double acting hydraulic cylinder assembly										
				set							



District Engineer
 Bangalore

S.N.	Name of Implements With Description	Technical Specification	Additional specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
15	Combine Harvester	Tripod stand				
		Grade rod for survey				
		Cable Connectors				
		Rechargeable Battery with charging cable (Min. 12 V)				
		Respective country verified certification Required				
		Warranty	1 year manufacturing defects			
		Make and Model	Any			
		Country of origin	Any			
		Type	self propelled, multi crop (wheat and paddy)			
		Power Required	>=95 Hp			
		Speed	>=2200 rpm			
		steering system	Hydraulic system			
		Grain tank capacity	2000 lts or 2.3 m3			
		Ground clearance	>=340 mm			
		Gear	at least 3 forward and 1 reverse			
Cooling System	water cooling					
Cutting bar width	>=13 ft					
Fuel tank capacity	>=350 lts.					
Numbers of cylinder	minimum 4					
No.s of straw walker	minimum 5		set			
No. of batteries	2 nos, 12 V					
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		

गिरणी कार्यालय
