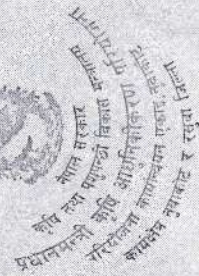


Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
A	Minitiller(Petrol)		
1	Brand/model	ISO Certified Minitiller, Model..... Engine model number:	
2	General	General purpose minitiller for dry and wet tillage, with standard design having gross vehicle weight not less than 80kg	
3	Engine	Single cylinder, Four stroke, incline/vertical Forced air cooled system, Oil batch type filler, Petrol engine , Maximum power not less than 4KW at rated speed.	
4	Starting type	Recoil/ Electrical starter	
5	Transmission system	Double Cluth system, Gear drive(1- Reverse, 2- Forward(both high and low) number of gears.	
6	Displacement(ml(cu.in))	not less than 208CC	
7	Fuel tank capacity	not less than 3 L	
8	Blades	minimum 24	
9	Tilling Depth	100mm or above	
10	Tilling width	750mm or above	
11	Fuel Consumption (Litr/hr)	less than 0.9	
	Total Price (Nrs.)		
	Total price in word		

Er. Dolendra Sharma
469-Agricultural "A"

prepared By:

Checked By:



[Signature]

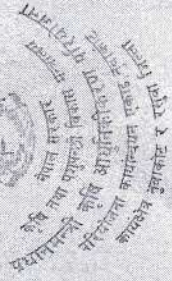
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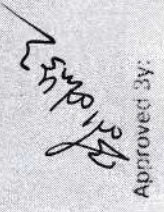
Technical Specification For Farm Machinery and Equipments		
S.N.	Name of implement with description	Required specification
B	Minitiller(Diesel)	Offered Specification by supplier with remark
1	Brand/model	ISO Certified Minitiller, Model..... Engine model number:
2	General	General purpose minitiller for dry and wet tillage, with standard design having gross vehicle weight not less than 120kg
3	Engine	Single cylinder, Four stroke, incline/vertical Forced air cooled system, Oil bath type filler, Diesel Engine, Maximum power not less than 4KW at rated speed.
4	Starting type	Recoil/ Electrical starter
5	Transmission system	Double clutch type, Gear drive(1- Reverse, 2- Forward(both high and low) number of gears.
6	Displacement(ml(cu.in))	not less than 296CC
7	Tilling Depth	100mm or above
8	Tilling width	750mm or above
9	Fuel tank capacity	minimum 3.5 litres
11	Fuel Consumption (Litr/hr)	less than 1
12	air cleaner	oil bath type
13	Blades	minimum 32 pieces
14	Tyre	Standard size(4-8)
15	Colour	Standard
	Total Price (Nrs.)	
	Total price in word	

Er.  Anurag Shama
469-Agricultural "A"

Prepared By:

Checked By:



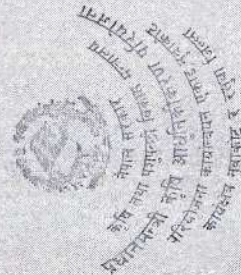

Approved By:

Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Remarks
A	Combined mill		
1	Make and model	any	
	General	Application in both milling of cereals such as rice, wheat, millet and paddy, Gross wt not less than 85kg.	
2	Power Source	not less than 2KW	
3	Motor	100% copper	
4	voltage and frequency of motor	220volt, 50Hz	
5	Seive size	at least 100*749mm	
6	Seive Diameter	aperture : 1.2	
7	Capacity	Rice mill: at least 80 kg/hr	
8		Grain grinder: at least 130kg/hr	
9	Roller Speed	Rice mill-at least 1500rev/min	
10		Grain Grinder-5500rev/min	
11	Roller Diameter: rice mill	40mm	
12	Types	Disc/Hammer types	
	Total Price (Nrs.)		*
	Total price in word		

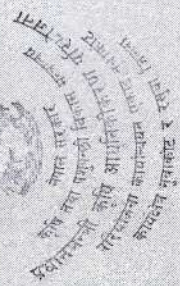
Prepared By:
 Er. D. B. Sharmas
 Agricultural "A"

Checked By:

Approved By:



Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Digital Balance		
1	General	Digital display, weighing capacity at least 100 kg, non-corrosive material, with user manuals	
	Total Price (Nrs.)		
	Total price in word		



Approved By: *[Signature]*

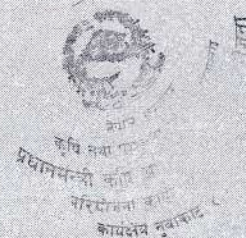
Checked By:

Prepared By: *[Signature]*
Er. D. D. Sharma
AGS-4 Agricultural "A"

Technical Specification of self propeller reaper

S.N	Description	Required Specifications	Offered Specification by supplier
A	Self propeller reaper		
1	general	it is used for harvesting of paddy in wet and dry field. Having a self engine for its operation.	
2	engine model	Any	
3	Engine power	not less than $4 \pm 0.2KW$	
4	Engine Type	4-Stroke, Single Cylinder, Air Cooled, Disel Engine, gear/belt T.S.	
5	Engine Speed	minimum 2600 RPM	
6	Fuel Tank Capacity	minimum 3.5L	
7	Fuel consumption	550-700 ml/h	
8	Starting System	Electric/Manual Starting (Recoil Type)	
9	Cutting Height	minimum 40 mm	
10	Cutting Width	minimum 1000mm	
11	Weight	minimum 200kg	
	Total Price (Nrs.)		
	Total price in word		


 Dr. Prasad Sharma
 Agricultural "A"



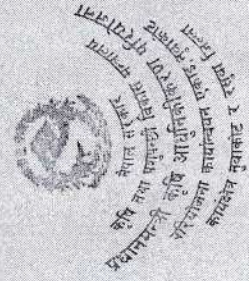

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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Specification of proposed item
1	Power Tiller		
	Make, Model and Brand	Any	
	Country of manufacturer	Any	
		Single cylinder, 4-stroke diesel engine	
		Direct combustion type	
	Engine	Specific fuel consumption around 244 g/kw.h	
		Power output not less than 8.9 KW	
		Air cleaner oil bath type	
	Clutch	Multiple plates, Dry disc	
	Brakes	Hand operated dry brakes	
	No. of Gears	Forward-6, Reverse-2 (With high-low selector lever)	
	Tilling width	Around 900 mm	
	Number of rotary tiller blades	minimum 18mm	
	Ground Clearance	minimum 185 mm	
	Cooling system	Water or condense cooled	
	Fuel Tank Capacity	Minimum 10 Liters	
	Lubrication System	Combined pressure and splashing type	
	Minimum turning radius	1.3 meter	
	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	
	Total Price (Nrs.)		
	Total price in word		

Prepared By: 
 Dr. Dol Prasad Sharma
 469, Agricultural "A"

Checked By:

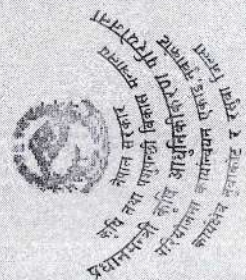


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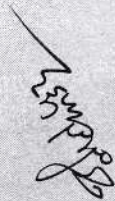
Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplie
A	Brush Cutter		
1	Make ,model, Brand	any	
2	Engine	4 stocke petrol engine : not less than 0.9KW, Displacement: Not less than 34 cc, air cooled.	
3	Weight of machine	7.5kg-10kg	
4	Fuel tank capacity	not less than 650ml	
5	blade	Baffle type 3 blade with paddy guard.	
	Total Price (Nrs.)		
	Total price in word		

Prepared By:  Dr. Prasad Sharma
469-Agricultural "A"

Checked By:

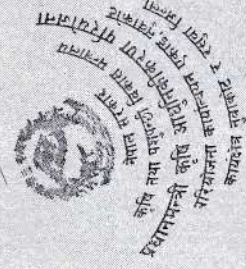


Approved By:



Technical Specification of Electrical motor Chaff Cutter

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
1	Model	any	
2	Feeding Type	Fully automatic conveyor belt feeding	
3	Maximum Power	at least 3 HP 50HZ/220V	
4	Electricity	Single Phase	
5	Number of chopping blade	4	
6	Weight	Not less than 42 kg	
7	Working Efficiency	300-400 kg/hr	
8	Voltage	220 V	
9	Spindle Speed	2200 r/min	
10	Coil Material	Copper Wire	
11	Cutting Length	15-32 mm	
12	Usage	Cuts wet & dry grass/straw for animal feed	
Total Price (Nrs.)			
Total price in word			

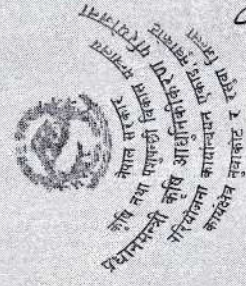


Approved By:

Checked By:

Prepared By: Dr. P. S. Sharma
Agricultural "A"

Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplier
B	Power sprayer		
	Make,model, beand	any	
	Rated power	at least 0.7 KW	
	Fuel tank capacity	not less than 650ml	
	Displacement	not less than 30 cc	
	engine type	4 stocke-petrol	
	suction volume	at least 9 ltr/min	
	Delivery pipe	at least 25 meter	
	Warranty	at least one years from the date of supply	
	Total Price (Nrs.)		
	Total price in word		

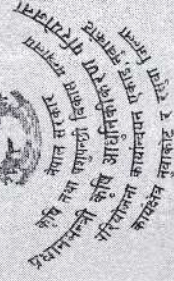


Approved By:

Checked By:

Prepared By: Dol Prasad Sharma
466, Agricultural A.

Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Corn Sheller		
1	Make and model	any	
2	Power	at least 0.75 kw	
3	Motor	copper Coil 100%	
4	Capacity	600-700kg/hr	
5	Shaft Speed	1680 r/min	
6	Rotor Diameter	around 590mm	
7	Tube	Single	
	Total Price (Nrs.)		
	Total price in word		



Approved By:

Checked By:

Prepared By: *[Signature]*
 Shri. D. S. Shrinivas
 District Agricultural Officer
 District, Bangalore

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Battery cum manual Sprayer (2in1)		
1	tank capacity	At least 16 litter	
2	Motor	12V motor powered diaphragm pump of speed 3300rpm, 12V, 8AHr rechargeable, aluminum coated.	
3	working pressure	at least 0.4 Mpa	
4	Charger input:	100-240V AC, 50Hz,	
5	charge output	12V DC 1.5A	
6	Spray flow	not less than 2100ml/min,	
7	time of full charge	5 to 8hr	
8	Gross weight	at least 2.6kg	
	Total Price (Nrs.)		
	Total price in word		
B	Battery cum manual Sprayer (2in1)		
1	tank capacity	at least 16 litter	
2	Motor	12V motor powered diaphragm pump of speed 3300rpm, 12V, 8AHr rechargeable, Brass coated	
3	working pressure	at least 0.45 Mpa	
4	Charger input:	100-240V AC, 50Hz,	
5	charge output	13.5-13.8V, 2.40A	
6	Spray flow	not less than 2100ml/min,	
7	time of full charge	5 to 8hr	
8	Gross weight	at least 6.5 kg	
9	Battery weight	at least 2.2 kg	
	Total Price (Nrs.)		
	Total price in word		

Prepared by: **Dr. Rajendra Prasad Sharma**
 4669-Agricultural
 Approved By: **Dr. Rajendra Prasad Sharma**



प्रधानमंत्री कृषि आधुनिकीकरण कार्यक्रम
 संचालना कार्यन्वयन
 कार्यालय नुवाकोट १

Checked By:

Approved By:

Technical Specification For Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Paddle Thresher		
1	Overall Dimension (L×W×H)	Approx. 750 × 630 × 665 mm	
2	Weight	35-40 kg (approx.)	
3	Number of Slats	approx. 11	
4	Number of Wire Loops/Slat	approx. 13	
5	Transmission System	Pedal crank mechanism	
6	Capacity	35 kg/hr (approx.)	
	Total Price (Nrs.)		
	Total price in word		

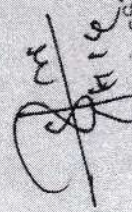
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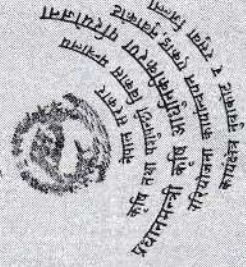
Prepared By:  Dr. P. S. Sharma
Agricultural A

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
	Petrol Engine Multicrop thresher		
	Engine	Single cylinder, Four stroke, incline/vertical Forced air cooled system, Oil batch type filler, Diesel Engine, Maximum power not less than 4KW at rated speed, Displacement Not less than 207cc.	
	Rotor Speed	not more than 850RPM	
	Roller Length	approx. 750 mm	
	Rotor Diameter	approx. 340 mm	
	Efficiency	not less than 550 Kg/H	
	Rotor Type	Acute Teeth	
	Gross Weight	approx. 80 Kg	
	Application	Paddy, wheat, and others	
	Total Price (Nrs.)		
	Total price in word		

Prepared By: 
Er. Dol Prasad Sharma
469 Agricultural Zn.

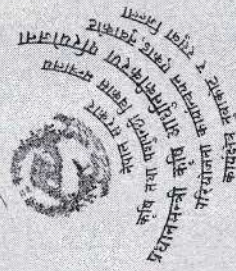
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Approved By:

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Specification of proposed item
1	Disk Mill		
	General	It used to crush various coarse grains and fodder, such as corn, soyabean, sorghum, dried sweet potato slice and soyabean cake.	
	Make, Model and Brand	any	
	Country of manufacturer	any	
	Motor power	not less than 7.5KW	
	Motor speed	not less than 1450 rpm	
	Productivity (kg/hour)	not less than 450 kg/hr in case of corn	
	Dimension (L x W x H)mm	Around 1050 x 680 x 1325	
	Total price (Nrs)		
	Total price in word		



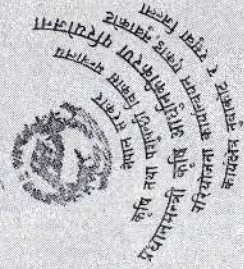
Approved By:

Checked By:

Prepared By:
 Er. Dil Prasad Sharma
 469-Agricultural "A"

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Specification of proposed item
1	Pellet Machine		
	Brand	Any	
	Useage operation	Domestic Powered	
	Power Source	Electric Motor	
	Power	4KW-5.5 KW	
	Volatge	Copper motor 220v/380v	
	Supply Phase	Single	
	Capacity	at least 60 kg/hr	
	Total price (Nrs)		
	Total price in word		



Checked By:

Prepared By: 469 Agricultural A.
E. D. P. S. Sharma