



Technical Specification For Farm Machinery and Equipments				
S.N.	Name of implement with description	Required specification	Offered Specification by supplier	Remarks
A	Minitiller			
1	Brand/model	any		
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, Forced air cooled system, Oil batch type filler, Petrol engine, Rated output power not less than 4KW		
4	Starting type	Manual/Recoil		
5	Transmission 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		
	Total Price (Nrs.)			
	Total price in word			

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16

D	Minitiller	
1	Brand/model	any
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, Forced air cooled system, Oil batch type filler, Diesel Engine, Rated output power not less than 4KW
4	Starting type	Manual/Recoil
5	Transmission system	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
10	Blades	minimum 32 pieces
11	Tyre	Standard size(4-8)
12	Colour	Standard
	Total Price (Nrs.)	
	Total price in word	

Note:

Instructions:- All signs and instructions in the farm machinery as per as possible shall be in English, Manuals:- One copy of the Operator's and Owner's Instructions/catalogue in English shall be supplied with each Farm Implement/machinery/vehicle.

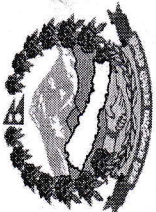
Tools:- A set of tools as required for general maintenance shall be supplied.

Warranty:- Manufacturer shall provide atleast one-year of warranty after acceptance, with Standard colour.

Proven performance:- The suppliers/bidder shall provide the manufacturer's data of the performance.

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:- For All farm machinery need 7 days Operator and General maintenance training farmers/operators.



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कृषि विकास कार्यालय , धादिङ



Technical Specification For Farm Machinery and Equipments

name of implement with descrip	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
Millet thresher					
Make,Model, brand	any				
Mode of operation	Manual				
Capacity	not less than 35 kg/hr with small rolling drum				
Materail	MS steel				
Total Price (Nrs.)					
Total orice in word					
Millet thresher					
Make,Model,Brand	any				
Power source	2 HP Single phase Electric Motor 1440 RPM				
Capacity	not less than 60 kg/hrs				
Dimensions	Approx. 29'21'*48'				
Weight	not less than 50 kg				
Dia.of Roller	approx. 18mm				
Roller speed	not less than 720 rpm				
Winnower	Winnower for cleaning grain				
Total Price (Nrs.)					
Total price in word					

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कृषि विकास कार्यालय, धादिङ



Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
A	Power Tiller					
1	General	Agricultural diesel power tiller with rotar tiller of gross weight not less than 370kg. Provided with anti skid wheel and connector				
2	Engine	single cylinder, four stroke, water cooled system, Diesel Engine, developing power not less than 12HP(8.9KW)				
3	Starting type	Hand cranking with handle + Self start system				
4	Transmission system	Gear driven, Minimum 6 forward and 2 reverse				
5	Tilling width	850mm or above				
6	Tilling depth	170mm or above				
7	Fuel tank capacity	minimum 10 litres				
8	Tyre	Standard size (6-12)				
9	No. of blade	Minimum 26 pieces				
10	Minimum ground clearance	160mm				
11	Colour	Standard				
	Total Price (Nrs.)					
	Total price in word					

Note:

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- Tools:-A set of tools as required for general maintenance shall be supplied.
- Warranty:-Manufacturer shall provide atleast one-year of warranty after acceptance, with Standard colour.
- Proven performance:- The suppliers/bidder shall provide the manufacturer's data of the performance.
- 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:- For All farm machinery need 7 days Operator and General maintenance training farmers/operators.

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संलग्नक नं. ११
प्रस्ताव नं. ११/२०२०
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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
A	Multi crop Thresher					
1	make, model, brand	any				
2	Type	4WD driven				
3	Matching power	tractor above 35HP				
4	Working efficiency	>-1200kg/hr				
5	Threshing efficiency	>-97%				
6	Overall grain loss	<-2.5%				
7	Broken grain loss	<-0.8%				
8	Blown grain loss	<-1.5%				
9	Crop feeding	direct chute type hopper				
10	Feeding hopper size(+5%)	670mm*595mm*680mm				
11	Threshing drum	Rasp bar type cylinder				
12	Maximum RPM	750-800				
13	No of sieves	3				
14	No. of blower	one/double/trible				
15	No. of spike	minimum 75				
16	Cleaning fan	1 aspiratory fan for grain clean and 1 centrifugal fan for dust clean and one additional				
17	Overall dimension(+5%)	Around 10*4*7				
18	Hopper height from platform	930-945mm				
19	Weight(approx.)	1450-1550kg				
20	Standard accessories	PTO shaft, tool box, greas gun				
21	Main shaft diameter	above 60mm				
22	Accessories	Toolbox and extra screen				
	Total Price (Nrs.)					
	Total orice in word					

Note:

- Instructions:-All signs and instructions in the farm machinery as per as possible shall be in English, Manuals:- One copy of the Operator's and Owner's
- Tools:-A set of tools as required for general maintenance shall be supplied.
- Warranty:-Manufacturer shall provide atleast one-year of warranty after acceptance, with Standard colour.
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- 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.
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169



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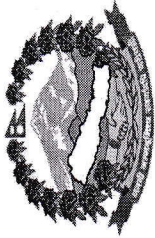


Technical Specification For Farm Machinery and Equipments

Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
Digital Balance					
General	Digital display, weighing capacity at least 100 kg, non-corrosive material, with user manuals				
Total Price (Nrs.)					
Total price in word					

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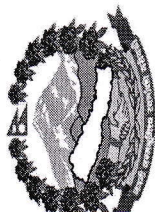
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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
1	Battery cum manual Sprayer (2in1) tank capacity	16 liter				
2		12V motor powered diaphragm pump of speed 3300rpm, 12V,9AHr rechargeable at least 0.4 Mpa				
3	working pressure	100-240V AC,50Hz,				
4	Charger input:	12V DC 1.5A				
5	charge output	not less than 2100ml/min,				
6	Spray flow	5 to 8hr				
7	time of full charge					
	Total Price (Nrs.)					
	Total orice in word					
	Instructions:-All signs and instructions in the farm machinery as per as possible shall be in English, Manuals:- One copy of the Operator's and Owner's Instructions/catalogue in English shall be supplied with each Farm Implement/machinery/vehicle.					
	Tools:-A set of tools as required for general maintenance shall be supplied.					
	Warranty:-Manufacturer shall provide atleast one-year of warranty after acceptance, with Standard colour.					
	Proven performance:-The suppliers/bidder shall provide the manufacturer's data of the performance.					
	Initial Service:-The supplier shall provide all the necessary filters and spare parts required for the first two services, after the Training:- For All farm machinery need 7 days Operator and General maintenance training farmers/operators.					

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प्रदेश सरकार

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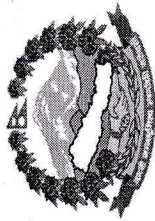


Technical Specification For Farm Machinery and Equipments

Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
Manual sprayer					
Chemical Tank Capacity	16 L				
Weight	around 2.4 kg				
Liquid Output	not less than 50 L/hr				
Type of Cylinder	HDPE				
Total Price (Nrs.)					
Total price in word					

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कृषि विकास कार्यालय, धादिङ



Technical Specification For Farm Machinery and Equipments

Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
Power sprayer					
Make,model, beand	any				
Rated power	at least 6.5hp				
vertical range	at least 13m				
engine type	4 stocke-petrol				
suction volume	at least 20 ltr/min				
Delivery pipe	at least 2*100 meter				
Total Price (Nrs.)					
Total orice in word					
Power sprayer					
Make,model, beand	any				
Rated power	at least 0.7 KW				
engine type	4 stocke-petrol				
fuel tank capacity	at least 600 ml				
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 orice in word					

19
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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
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 orice in word					
B	Corn Sheller					
1	Make and model	any				
2	Power	at least 1.1 kw				
3	Motor	copper coil 100%				
4	Capacity	1000-1200kg/hr				
5	Shaft Speed	1680 r/min				
6	Rotor Diameter	around 590mm				
7	Tube	Double				
	Total Price (Nrs.)					
	Total orice in word					

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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
A	Combined mill					
1	Make and model	any				
2	Power Source	at least 3HP				
3	Motor	100% copper				
4	voltage and frequency of motor	220volt,50Hz				
5	Seive size	at least 100*749mm				
6	Seive Diameter	at least 250mm				
7	Capacity	Rice mill: at least 150kg/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				


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Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier	unit	Quantity	Remarks
A	Portable bag closer sewing machine					
1	Make,model,brand	any				
2	Power required	220-250V, 1.3 Amps, 8000 rpm AC Motor				
3	Bag closing speed	not less than 1800 stitch per minute or 6 to 8 bags per minute				
4	Stitch length	around 3.5 stitches/inch				
5	Types of bags	All kind of of multi wall paper, jute, burlap,cotton,hessian,wov en bags				
6	Thread	to obatin maximum sewing performance use strandard thread cone				
7	Weight	around 6 kg				
8	dimensions	13'*12'*12' approx				
	Total Price (Nrs.)					
	Total price in word					

16/12
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