



बाणगंगा नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
कृषि विकास शाखा

पत्र संख्या.: २०८०/०८१

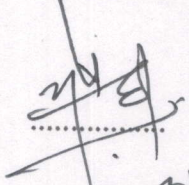
चलानी नं.:

बाणगंगा कम्पिलवस्तु  
लुम्बिनी प्रदेश, नेपाल

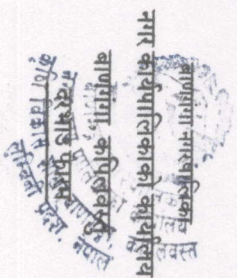
मिति: २०८०/०५/१३

विषय: कृषि औजार/यन्त्र तथा उपकरणहरूको दररेट उपलब्ध गराई दिने बारेको सूचना।

प्रस्तुत विषयमा यस नगरपालिकाको चालु आ.व. २०८०/०८१ को कृषि विकास कार्यक्रम संचालनको क्रममा कृषि क्षेत्रमा प्रयोगमा आउने पत्रसाथ सम्लग्न कृषि यन्त्र तथा उपकरण/सामग्रीहरूको बजार दर भाउ आवश्यक परेकोले ३० (तीस) दिन (मिति २०८०/०६/११ गते) भित्र उपलब्ध गराई सहयोग गर्नु हुन सम्बन्धित सरोकारवालाहरूमा यसै सूचनाद्वारा अनुरोध गरिन्छ।

  
2080/5/13  
लेख बहादुर के.सी.  
कृषि विकास अधिकृत  
अधिकृतस्तर आठौं





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 दशभाउ र अन्य विवरण प्रस्ट खुल्नु पर्नेछ ।

१०. आपूर्तिकर्ताले Supplier's Specification मा मेसिनरी औजारको विवरण अनिवार्य रूपमा भर्नु पर्ने छ ।

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Supplier's specification	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
A	Manual Push multi crop Seeder Machine						
1	Name	N/A					
2	Model	N/A					
3	Type	Manual					
4	Hole Seeding Rate	1-2 Adjustable					
5	Seed Depth	50mm/ 60mm					
6	Seed Space	5.5 inch to 12 inch ( Adjustable )					
7	Mounth Number	6 - 14 (Adjustable)					
8	Seed Box Capacity	4 Kg above					
9	No of Row Planting	Single Row					
10	Roller	single back roller .					

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11	Warranty	At least 1 year warranty after acceptance.	
12	Catalogue/manual	Operation manual and Catalogue should submit.	
<b>B Rotavator</b>			
1	Name	N/A	
2	Model	N/A	
3	Type	Tractor PTO operated Rotavator	
4	Power source	45 to 65 Hp above	
5	Hitch Type	Three point, CAT-II	
6	Working width (mm)	1800 to 2150 according requirement	
7	Type of blade	J/F shape with $\pm 25$ mm overlap of blades as per demand	
8	Thickness of blade (mm)	7-8 (min.)	
9	No. of Blades	Minimum of 54 to 72 for J and F Blades (Depending on sizes)	
10	Total number of flanges	8 to 9 (Not less than) according requirement	
11	Number of blades per flange	6 to 9 (Not less than) according requirement	
12	Diameter of rotor shaft (mm) :	Not less than 90	
13	Rotor diameter (including flange and blade mounted on flange, mm)	Not less than 460	
14	Side Drive power transmission	Gear drive	
15	Depth control mechanism	Arc shape skid on both side of Rotavator	
16	Tools set	Needed.	
17	Proven Performance	The Rotavator offered must be current model manufacture for at least 1 year.	
18	Warranty	At least 1 year warranty after acceptance.	
19	Catalogue/manual	Operation manual should submit.	
<b>C Paddy Thresher</b>			
1	Name	N/A	
2	Model	N/A	
3	Type	Spike tooth paddy thresher	
4	Threshing unit Diameter	543mm	
5	Threshing unit length	1800mm	
6	Concave type	semi cyndrical	
7	Concave length	1430mm	
8	Type of Sieve	Oscillating	
9	Number of Sieve	Not less than 3	

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10	Blower Diameter	Not less than 623mm			
11	Blower Fans and Blades	Centrifugal Types fan and 3 blades			
12	Overall Dimension (L*W*H) mm	Not less than 4175*1957*1890			
13	Output Capacity	1.25 ton/hr			
14	Warranty	At least 1 year warranty after acceptance.			
15	Catalogue/manual	Operation manual should submit.			
<b>D 18 Hp Powertiller</b>					
1	Name	N/A			
2	Model	N/A			
3	Type	Single axle, dual purpose for both traction			
4	Engine type	Horizontal, 4-stroke single cylinder, Diesel engine			
5	Power	18hp(13 Kw Above)			
6	Engine speed	2200 rpm			
7	Bore x stroke	105mm x 115mm			
8	Cooling System	Radiator			
9	Wheel track	>=640mm			
10	minimum ground clearance	±185mm			
11	min turning radius	±900mm			
12	Specific fuel consumption(g/kwhr)	258			
13	Clutch	Manual separation gear dry type			
14	Tillage Width	±1000 mm			
15	No of Rotary Blades	28			
16	Starting model	Hand-crank or Power-start or Recoiling start			
17	Fuel Tank:	12 litre or above			
18	Tools set	needed			
19	Warranty	At least 1 year warranty after acceptance.			
20	Catalogue/manual	Operation manual should submit.			
<b>E 20 Hp Powertiller</b>					
1	Name	N/A			
2	Model	N/A			
3	Type	Single axle, dual purpose for both traction			
4	Engine type	Horizontal, 4-stroke single cylinder, Diesel engine			
5	Power	20 Hp (14Kw Above)			
6	Engine speed	2200 rpm			
7	Bore x stroke	105mm x 115mm			
8	Cooling System	Radiator			
9	Wheel track	>=640mm			
10	minimum ground clearance	±185mm			

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7	Working Width	2100 -3000 mm According to requirements			
8	Under Frame clearance	450 -550 mm According to requirements			
9	Capacity Ha/h	Not less than 0.35 to 0.5			
10	Type of Shovels	Reversible shoe			
11	Diameter of spring wire	9.5 above mm			
12	No of coil in spring	28 above			
13	No of spring per tine	2			
14	Warranty	At least <b>1 year warranty</b> after acceptance.			
H	<b>Power Spray</b>				
1	Type	Back Pack			
2	Engine	4 stoke 5.5 hp petrol			
3	Engine RPM	3600 with load			
4	Pump Type	Diaphragm			
5	Displacement	79.7 cm3			
6	Suction volume	13.5 to 20 lit/hr			
7	working pressure	0 - 40 kg/cm3			
8	Hose Pipe	100 mtr(8.5 mm 5 layers) with joints			
9	Suction Hose pipe	5 meters			
10	Sprayer Gun with 3 Types of Nozzels	Hollow , Flats and Normal			
11	Proven Performance	The power Spray offered must be current model manufacture for at least <b>1 years</b> .			
12	Warranty	At least <b>1 year warranty</b> after acceptance.			
13	Catalogue/manual	Operation manual should submit.			
I	<b>5 Hp Mini Tiller</b>				
1	Engine Type	4 stroke Diesel Engine			
2	Cylinder	Single Cylinder Air cooled			
3	Horse power (output)	5hp above ( ± 3.4 Kw)			
4	Displacements	± 0.245 L			
5	Rated RPM	3600			
6	Bore * stroke	±73*59			
7	Engine oil	1 litres (10W30) above			
8	Weight	Not less than 112 kg			
9	Transmission And Speed	3(2 Forward and 1 Reverse) Combination of constant and sliding Mesh gear			
10	PTO drive	Optional			
11	Tilling depth	100mm above			
12	Tilling width	900 mm above			
13	No of rotary blades	Not Less than 24 Blades			
14	Start	Recoiling Manual Start			

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15	Tools set	Needed							
16	Warranty	1 year							
17	Catalogue/manual	Operation manual should submit							
J	<b>6 to 7 Hp Mini Tiller</b>								
1	Engine Type	4 stroke Diesel Engine							
2	Cylinder	Single Cylinder Air cooled							
3	Horse power (output)	± 6 hp above ( ± 4.4 Kw)							
4	Displacements	± 0.300 L							
5	Rated RPM	3600							
6	Bore * stroke	±78*62							
7	Engine oil	2.5 litres (15w40) above							
8	Weight	Not less than 125 kg							
9	Transmission And Speed	3(2 Forward and 1 Reverse) Combination of constant and sliding Mesh gear							
10	PTO drive	Optional							
11	Tilling depth	100mm above							
12	Tilling width	1000 above							
13	No of rotary blades	Not Less than 32 Blades							
14	Start	Recoiling Manual Start							
15	Tools set	Needed							
16	Warranty	1 year							
17	Catalogue/manual	Operation manual should submit							
K	<b>9 Hp Mini Tiller</b>								
1	Engine Type	4 stroke Diesel Engine							
2	Cylinder	Single Cylinder Air cooled							
3	Horse power (output)	± 9 hp above ( ± 6.3 Kw)							
4	Displacements	± 0.310 L							
5	Rated RPM	3600							
6	Bore * stroke	±86*72							
7	Engine oil	2.5 litres (15w40) above							
8	Weight	Not less than 135 kg							
9	Transmission And Speed	3(2 Forward and 1 Reverse) Combination of constant and sliding Mesh gear							
10	PTO drive	Optional							
11	Tilling depth	100mm above							
12	Tilling width	1050 above							
13	No of rotary blades	Not Less than 32 Blades							
14	Start	Recoiling Manual Start							
15	Tools set	Needed							
16	Warranty	1 year							
17	Catalogue/manual	Operation manual should submit							

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L		Brush Cutter							
1	Engine type	Air cooled, Four stroke							
2	Net Weight	9.0 Kg							
3	Engine Model	N/A							
4	Cylinder volume	42.7cc							
5	Cylinder diameter	40mm							
6	Power output	1.5kw/2.2hp							
7	Max speed	10000 r/min							
8	Idling speed	2800±150 r/min							
9	Spark-plug	CDI							
10	Carburetor	diaphragm type							
11	Fuel capacity	1200ml							
12	Fuel consumption	610 mg. kw/h							
13	Overall Length	1730mm							
14	Starting System	Recoil							
15	Blade	40T Iron / Alloy							
16	Warranty	1 year							
17	Catalogue/manual	operation manual should submit							
M		18 lt Battery cum Manual Knapsack Sprayer							
1	Type	Battery operated cum manual back pack(Knapsack) (Two in one)							
2	Material Tank	HDPE (Plastic)							
3	Tank Volume	18 Liters above							
4	Pump	Poly propylene Knapsack and Submersible pump							
5	Nozzle	Plastic or Metal							
6	No of Nozzle	3 Type							
7	Nozzle types	Conical, Sectorial, Four Hole Nozzle.							
8	Battery	12 v 12Ah Lithium Battery with Charger							
9	No of piston in pump	1 for manual operations							
10	Pressure and Flow	0.10 -0.85MPA (3.6 LPM to 4.5 LPM) ( 100psi to 110 Psi)							
11	Warranty	1 year							
12	Catalogue/manual	operation manual should submit							
N		3 Hp Combine Mill							
1	Type	Combine mill							
2	Match Power	2.2kw (3HP)							
3	Rated Voltage	220 v							
4	Phase	Single							
5	Motor Speed	2800 RPM							
6	Main Shaft spindle speed	1600 RPM Milling and 4800 RPM crushing							

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7	Productivity (kg/hr)	180 kg milling and 250 kg crushing		
8	Hammar Spice Number of crush	12		
9	Warranty	1 year		
10	Catalogue/manual	operation manual should submit		
0	<b>Mini tiller Reaper</b>			
1	Model	4GL-100 front mounted conveyor reaper		
2	Power	Mini tiller 7 HP to 9 HP		
3	Capacity	±2 Acre/Hr		
4	Cutting Width	1000 mm		
5	Minimum Stubble Height	≥25 mm		
6	Crops	Rice and wheat		
7	Crop Divider	3 with star wheels		
8	Operation	Belt and pulley of minitiller		
9	Warranty	1 year		
10	Catalogue/manual	operation manual should submit		
P	<b>Wheat Thresher</b>			
1	Type	Tractor PTO operated		
2	Features	Suitable for wheat.		
3	Power Required	Tractors above 35 HP		
4	Capacity	≥1000 kg/hr		
5	Threshing efficiency	≥ 95 percentage		
6	Cleaning efficiency	≥95 percentage		
7	size	≥30 x 36		
8	Power transmission system	from PTO shaft to main shaft through grooved pulley and V-belt.		
9	Crop Feeding	Direct hopper type/chute type or conveyor belt type		
10	Threshing cylinder or Drum	rasp-bar or spike tooth cylinder with suitable number of blades.		
11	PTO input speed	540 rpm		
12	Maximum Rpm	700-800 rpm		
13	No.of sieves	at least 2		
14	No. of fans	≥ 2		
15	Duct	minimum two; primary duct for removing major portion of straw dust, other foreign matter and secondary for final cleaning.		
16	Standard Accessories	PTO shaft, Tool box, Grease gun		
17	Gear box type	two joints		
18	Overall weight	≥1150 kg		
19	Transportation wheel	2 no.s of pneumatic/nylon type tyre		

GOVERNMENT OF KARNATAKA  
 DEPARTMENT OF AGRICULTURE, ANIMAL HUSBANDRY AND FISHERIES  
 BANGALORE



20	Certification	Respective country's certification and test report are compulsory
21	Color	Standard
22	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects
Q	<b>Corn Sheller</b>	
1	Type	Semi Automatic
2	Capacity	± 150 kg /hr
3	Power Required and Source	1 Hp Single phase motor
4	Material	Mild Steel
5	Dimension	± (545*620*280) mm
6	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects
R	<b>Self Propelled Reaper</b>	
1	Type	Self propelled
2	Power	6 hp or more.
3	Engine:	4- stroke single cylinder, Diesel Engine
4	Rated speed	3600 rpm
5	Cooling system:	water coolant Radiator type
6	Cutting width:	1.2 meters
7	Cutting height:	Adjustable (5-40 cm)
8	Type of cutting unit:	Cutter bar with serrated V-shaped Blade
9	Conveyor:	Chain type (2 in numbers)
10	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects
11	Catalogue/manual	operation manual should submit
S	<b>Powertiller operated Reaper</b>	
1	Type	Powertiller operated
2	Power	15 hp above powertiller
6	Cutting width:	1.2 meters
7	Cutting height:	Adjustable (5-40 cm)
8	Type of cutting unit:	Cutter bar with serrated V-shaped Blade
9	Conveyor:	Belt type
10	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects
11	Catalogue/manual	operation manual should submit
T	<b>Jab Planter</b>	



1	Type	Double narrow beaks					
2	Planting Capacity	2 hac /day					
3	Hieght of Planter	90cm					
4	Fertilizer Hopper size	2.5 kg					
5	Seed Hopper Size	1.5 kg					
6	Seed Metring	single and Double					
7	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					
8	Catalogue/manual	operation manual should submit					
U	Earth Auger						
1	Power out Put	Not Less then 2.5KW					
2	Engine Displacement	Not Less then: 60cc.					
3	Drillbit Diameter	100/200/350 mm					
4	Weight	Not Less then: 12 Kg.					
V	WEIGHING MACHINE						
1	Type	Electronic Weighing Machine					
2	Display Type	Digital					
3	Material	Mild Steel/stainless steel/Iron.					
4	Weighing Capacity	100kg					
5	Battery Backup	70-80hrs.					
6	size	49x57cm					
7	Accuracy	10gm					
8	Directly Plug	220V Power Cord					
9	Platform size	400x400mm					
10	Warranty	1 year					
11	Catalogue/manual	operation manual should submit					

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