



नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाई
प्यूठान ।

फोन नं. ०८६-४२००५२

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प.स: २०८०/०८१

च.न:

आर्थिक प्रस्ताव पेश सम्बन्धि सूचना

(प्रथम पटक प्रकाशित मिति २०८०/१०/११)

प्रस्तुत विषयमा यस कार्यालयबाट कृषक समुह/सहकारी/फर्मको माग बमोजिम विभिन्न कृषि औजार उपकरण/सामग्रीहरू ५० प्रतिशत अनुदानमा यस आ.व. २०८०/८१ मा उपलब्ध गराउने कार्यक्रम रहेको हुँदा लागत अनुमान तयार गर्ने प्रयोजनका लागि तपशिल बमोजिमको कृषि औजार उपकरणहरू अनुदानमा वितरण गर्न यस कार्यालयको आधिकारिक वेबसाइटबाट प्रविधिक स्पेसिफिकेशन सहितको आर्थिक फाराम निशुल्क प्राप्त गरि यो सूचना प्रकाशन भएको मितिले १५ औं दिन कार्यालय समय भित्र उक्त सामग्रीहरू आपूर्ति गर्ने आधिकारिक उत्पादक/विक्रेता र सप्लायर्सहरूले यस कार्यालयमा सूचिकृत तथा आर्थिक प्रस्ताव पेश गर्नुहुन यो सूचना प्रकाशित गरिएको छ।

तपशिल :

१. कृषि यान्त्रिकरण/उपकरण सम्बन्धित सामग्रीहरू

नोट: ल्याब सर्टिफिकेशन हुने सामग्रीको सर्टिफिकेट सहित दररेट पेश गर्नु होला

थप जानकारीको लागि कार्यालय सम्पर्क नं. ९८६७८२४९३१, ९८४४९२०२७५, ९८६७७७५४३२

.....*Jayant*.....

नि. कार्यालय प्रमुख

नयाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाइ, प्युठान
प्रस्ताव दरमाउ फारम




१. संस्थाको नाम :
२. संस्थाको ठेगाना :
- सम्पर्क व्यक्तिको मोबाईल नं. :
- इमेल:
३. आधिकारिक व्यक्तिको नाम:
- पद:
- इमेल:
४. संस्था रजिस्ट्रेशन नं.:
५. रजिस्ट्रेशन गर्ने कार्यालय:
६. फर्म दत्तौ भातः:
७. PAN/VAT रजिस्ट्रेशन नं. :
८. व्यापारको किसिम/उद्देश्य :

९. उपलब्ध गराउन सक्ने सामग्रीको दरमाउ र अन्य विवरण प्रस्ट खुल्नु पर्नेछ ।
१०. आयुक्तिले Supplier's Specification मा सेसिनी औजारको विवरण अनिवार्य रूपमा भर्नु पर्ने छ ।

Technical Specification of Farm Machinery and Equipments							
S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
1	Digital Weighing Machine						Price of individual weightage
	Name	Any					
	Model	Any					
	Country of manufacturer	Any					
	Type	Electronic weighing machine					
	Display type	Digital					
	Material	Mild steel/stainless steel		Set			
	Weighting capacity	50kg, 100kg, 200kg and 500kg					
	Battery backup	70-80hrs.					
	Size	Suitable according to capacity					
	Accuracy	± 10gm					
	Directly plug	220V/50 Hz, single phase					
	Platform size	standard dimension according to weighing capacity					
	Warranty	1 year					

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कृषि विकास प्रमुख

Approved By: 
नि. कार्यालय प्रमुख

S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
2	Rotavator						
	Make and Model	Any					
	Type	Tractor PTO operated rotavator					
	Power source	45 to 60 above					
	Hitching system	Three point linkage, CAT-I/CAT-II					
	Total width (mm)	1900mm-2400mm					
	Working width (mm)	Minimum 1750-2100 mm					
	Type of blade	LJF, L, JF or J/F type blade (recommended best quality of blade according to soil type of mid hill of Nepal)					
	Thickness of blade (mm)	7-8 (min.)					
	No. of blades	42 to 72		Set			
	Distance between consecutive flanges(mm)	200-242 (depending upon type and shape of blade)					
	Total number of flanges	Not less than 8					
	Number of blades per flange	6 to 9					
	Diameter of rotor shaft (mm):	85-90					
	Rotor diameter (including flange and blade mounted on flange, mm)	440-460					
	Revolution of rotor shaft (rpm)	180-240 (single speed/ multi speed variants)					
	Side drive	Gear drive/chain drive variants					
	Depth control mechanism	Arc shape skid on both side of rotavator					
	Warranty	At least 1 year					
3	Cultivator						
	Make and model	Any					
	Type	Ridge type or clutch type tractor mount					
	Source of power	tractor of suitable matched power					
	length	850 mm ± 50mm					
	width	2000mm ± 200mm					
	height	1010 mm ± 50mm					
	No of tine	9 or above					
	Working width	1900mm-2200mm		Set			
	Under frame clearance	470 mm					
	Capacity Ha/h	0.35 to 0.5					
	Type of shovels	Reversible shoe					
	Diameter of spring wire	no					
	No of coil in spring	no					
	No of spring per tine	no					
	Warranty	1 year manufacturing defects					

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S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
4	Cultivator(Spring loaded)						
	Make and model	Any					
	Type	spring loaded					
	Source of power	tractor of suitable matched power					
	length (total width)	2000 mm±200mm					
	width	970 - 1560 mm					
	height	1070-1350 mm					
	No of tine	9 to 13					
	Working width	1900 -2200 mm		Set			
	Under frame clearance	450 -550 mm					
	Capacity Ha/h	0.35 to 0.5					
	Type of shovels	Reversible shoe					
	Diameter of spring wire	9.5 mm±2mm					
	No of coil in spring	28±6					
	No of spring per tine	2					
	Warranty	1 year manufacturing defects					
5	Combine Mill/ Mini-sheller mill						
	Make, Model and Brand	Any					
	Product type	Butterfly type; Rice cum flour mill					
	Features	suitable to separate husk and bran for animal feeding purpose					
	Rated power	3 hp or (2.2kw±0.2kw)		Set			
	Voltage	220 v, 50 Hz, single phase					
	Motor speed	2800 rpm					
	Rotation type	forward and reverse rotation					
	Cutter material	stone					
	Grinding wheel size	>=14 inch					
	Bit size	>=3.5 inch					
	Product output capacity	150-170 kg rice milling, 40-45 kg wheat milling/crushing					
	Warranty	1 year manufacturing defects					
6	Mini Weeder						
	Make, Model and Brand	Any					
	Country of manufacturer	Any					
	Type	Back Pack					
	Tiller type	2 no of flat tiller attachment					
	Rated Power	1.2-3 hp		set			
	Engine type	2 stroke Petrol Engine/air cooled					
	Type of Start	Recoil (Manual Start)					
	Tilling Width and depth	11"-16" and 3"-5"					
	Fuel Tank Capacity	>=0.7 ltr					
	Warranty	1 years of manufacturing defects					

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श्री. कलाशंकर

S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
7	Weeder						
	Make, Model and Brand	Any					
	Country of manufacturer	Any					
	Power source	petrol					
	Traction type	Hanging, walk behind					
	Arbor configuration	Horizontal Axis					
	Weeding width	30-40cm		Set			
	Tilling width	20-40cm					
	Rated power	1-9kw ±0.2kw or above					
	Weeding depth	5-15cm					
	Tilling depth	8-18cm					
	Start system	Recoil (manual start) or electric					
	Working shaft	Splitting type					
	Warranty	1 years of manufacturing defects					
8	Paddy thresher						
	Make and model, Brand	Any					
	Power required of tractor	35 hp or above					
	Type	Axial flow, Spike tooth paddy thresher					
	Type of drive and main drive & feeding type	PTO shaft, belt & pulley drive, feeding chute/hopper for grain input					
	Threshing unit diameter (drum)	543mm±50mm					
	Threshing unit length	>=1800mm					
	Concave type	Semi cylindrical					
	Concave length	>=1430 mm		Set			
	No. of fans	at least 3					
	Sieve type	Oscillating					
	Sieve number	at least 2					
	Blower diameter	10mm±623 mm					
	Blower fan and blades	Centrifugal/ aspirator types fan and 4 blades					
	Input capacity	>=2000kg					
	Output capacity	1.25Ton /hr					
	Warranty	1 year manufacturing defects					
9	Multi Crop Thresher						
	Make, Model and Brand	Any					
	Power required of tractor	35 hp or above					
	Automation grade	Automatic					
	Threshing capacity (input capacity)	2000 kg/tr and above					
	Output	1200 kgs of grain per hour and above					
	Threshing drum diameter	900 mm ± 300mm					
	Threshing drum length	750mm ±100mm					
	No. of cutting blades	3 and above		Set			

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S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (in Figures)	Per Unit Rate (in Words)	Remarks
	load wheel	140 kg and above					
	Speed of suction blowers	650 RPM and above					
	No. of Cleaning blower	1 (With air Flow adjustment)					
	Crop feeding mode	Feeding chute with conveyor belt feeding hopper (Shaft Fitted)					
	Main shaft diameter	70 mm and above					
	No. of transmission joints	2-4					
	Toos	needed					
10	Battery cum Manual Knapsack 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					
11	Power Spray						
	Make, Model and Brand	Any					
	Type	Back Pack					
	Engine	4 stoke, 5.5 hp petrol engine					
	Engine speed	3600 rpm with load					
	Pump type	Diaphragm or equivalent					
	Displacement	75 cm3 or above					
	Suction volume	13.5 to 20 lit/hr					
	working pressure	0 - 40 kg/cm3					
	Hose pipe	100 mtr(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.					

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N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (inWords)	Remarks
92	Mini Tiller			Set.			Quote individual price for power greater than 3.7kw ± 0.2kw
	Make, Model and Brand	Any					
	Country of manufacturer	Any					
	Engine type	single cylinder, 4 stroke diesel Engine					
	Cooling system	Air cooled					
	Horse power (output)	3.7kw ± 0.2kw					
	Displacements	± 0.245 L					
	Rated rpm	3600					
	Bore * stroke	73*59 ± 5mm					
	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	900 mm ± 100mm					
	No of rotary blades	Not less than 24 blades					
	Start	Recoiling/Manual Start or electric					
	Tools set	Needed					
	Warranty	1 year					
	Catalogue/manual	Operation manual should submit					
13	Mini Tiller			Set			Quote individual price for power greater than 4.4kw ± 0.2kw
	Make, Model and Brand	Any					
	Country of manufacturer	Any					
	Horse power (output)	4.4 kw ± 0.2kw or above					
	Displacements	± 0.300 L					
	Rated rpm	3600					
	Bore * stroke	78*62 ± 5mm					
	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	1000 mm ± 100mm					
	No of rotary blades	32 blades or ± 4 blades					
	Start	Recoiling Manual Start or electric					
	Tools set	Needed					
	Warranty	1 year					
	Catalogue/manual	Operation manual should submit					
14	Reaper for Mini tiller (attachment)			set			
	Model	Any					
	Power	Operated by power matched mini tiller					
	Capacity	±2 Acre/ Hr					
	Cutting width	1000 mm ± 100mm					
	Minimum stubble height	>=25 mm					

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S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
	Crops	Rice and wheat					
	Crop divider	3 with star wheels					
	Operation	Belt and pulley of mintiller					
	Warranty	1 year					
	Catalogue/manual	operation manual should submit					
15	Reaper (tractor drawn)						
	Make and Model (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		Set			
	Working width	minimum 6 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					
16	Power tiller						
	Name	Any					
	Model	Any					
	Type	Single axle, dual purpose for both traction					
	Engine type	Horizontal, 4-stroke single cylinder, Diesel engine					
	Power	13.4 kw±0.2 kw					
	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	900mm					
	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 litre or above					
	Tools set	needed					
	Warranty	At least 1 year warranty after acceptance.					
	Catalogue/manual	Operation manual should submit.					

Taxation
 20/05/2019
 20/05/2019

S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks
17	Power tiller Name Model 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 Any Single axle, dual purpose for both traction Horizontal, 4-stroke single cylinder, Diesel engine 15 kw±0.2kw 2200 rpm 105mm x 115mm±10mm Radiator/hopper water cooled >=640mm 185mm±5mm 900mm Manual separation gear dry type 1000 mm±100mm 28±4 Hand-crank/Power-start or Recoiling start 12 litre or above needed At least 1 year warranty after acceptance. Operation manual should submit.		Set			
18	Power tiller Name Model 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 Any Single axle, dual purpose for both traction Horizontal, 4-stroke single cylinder, Diesel engine 16.4kw±0.2kw 2200 rpm 105mm x 115mm±10mm Radiator/hopper water cooled >=640mm 185mm 900mm Manual separation gear dry type 1000 mm >=28 Hand-crank or Power-start or Recoiling start 12 litre or above needed At least 1 year warranty after acceptance. Operation manual should submit.		Set			
19	Paddy Cage Wheel (power tiller attachment)	Anti-skid cage wheel for power tiller (12-22 hp) with replicable fixing system suitable for puddling of soil		set			
20	Cage wheel (Mini Tiller attachment)	anti-skid cage wheel for 173, 178 and 186 model minitiller. 14" diameter of cage wheel with cutting capacity 300 mm, inner diameter of shaft size 32mm, material mild steel or cast iron, width of wheel 140mm		Set			

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S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (inWords)	Remarks
21	Power tiller operated Reaper						
	Make, Model and Brand	Any					
	Type	Power tiller operated					
	Power	Operated by power matched power tiller					
	Cutting width	1.2 meters					
	Cutting height	Adjustable (5-40 cm)					
	Type of cutting unit	Cutter bar with serrated V-shaped Blade					
	No. of star wheels	at least 4					
	Conveyor	Belt type					
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					
	Catalogue/manual	operation manual should submit					
22	Earth Auger						
	Make, Model and Brand	Any					
	Engine type	Single cylinder, 2-stroke petrol engine					
	Cooling type	Air-cooled					
	Power	>=1.2 kw					
	starting system	recoil or manual					
	rated engine speed	>=3600 rpm					
	Auger speed	110-300 rpm					
	Blade Length	>=80 cm					
	Depth	>=2.5 feet					
	Auger bit size	different size: 4", 6", 8", 12" (100mm, 150mm, 200mm & 300mm)					
	Fuel tank capacity	1.25 L±0.25 L					
	Tools set	Needed					
	Proven Performance	The Pit Digger Offered must be current model manufacture for at least a 1 years					
	Warranty	At least 1 year warranty after acceptance					
	Catalogue/manual	Operation manual should submit					
23	Chaff Cutter						
	Make, Model and Brand	Any					
	Power Source	Electric Motor					
	Type	Conveying (By belt)					
	Motor power	1 hp or above					
	Rated voltage & phase	220 v, single phase					
	Rated speed	900 rpm or above					
	Shape of moving knife	Rectangle					
	No. of blades	>=2					
	Cutting blade material	High Carbon Steel					

provide individual item unit rate if vary according to bit size or engine capacity

Accepted
Approved By

Signature

S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (inWords)	Remarks
	Body material	Mild Steel					
24	Brush cutter						
	Make, Model and Brand	Any					
	Type	Back Pack/side pack					
	Purpose	Harvesting paddy and wheat					
	Engine type	2 or 4 Stroke, petrol engine					
	Cooling system	air cooled					
	Shaft size	28 mm					
	Power	1.4 kw (1.8 hp)					
	Displacement	>=40 cc					
	Fuel tank capacity	>=1 lts.					
	Type of start	Recoil (Manual Start)					
25	Hand operated Jab Planter						
	Make, Model and Brand	Any					
	Product type	Manual Seeder, walking behind (circular wheel type)					
	Function	Seed cum fertilizer (double barrel)					
	Material	Plastic (high quality)					
	Hole seeding rate	>=1-5 seeds					
	Seed space	>=20 cm (adjustable)					
	Seeding depth	>=25mm					
	Mouth number	>=10 (adjustable)					
	Seed plate	12 Set					
	Extra springs	10 No.					
	Seed Box capacity	>=2.5 kg					
	Fertilizer capacity	>=2.0kg					
	Weight	>=9 kg					
26	Jab Planter						
	Make, Model and Brand	Any					
	Type	Dual barrel (seed cum fertilizer)					
	Product type	Manual Seeder					
	Material	Plastic					
	Seed box capacity	>=1.0 kg					
	Seeding number	1-3 seeds adjustable					
	Width	>=5 inches					
	Height	>=30 Inch					
	Capacity	Easily sow 4000-6000 seeds/day					
	Sowing depth	>=3 inch					
27	Drum Seeder (paddy seeder)						
	Make, Model and Brand	Any					
	Material	Plastic					
	Automation	Manual					
	No. of rows	>=6					
	Diameter of wheel	>=50 cm					
	Working width	>=1200 mm					

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S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)	Remarks	
28	Row-to-row spacing	20cm		set				
	Number of drums	>=3						
	Drum length	>=30 cm						
	Number of wheels	>=2						
	Number of holes in each drum	>=10 Holes						
	Sowing capacity per hole	>=2 seeds						
	Capacity per drum	>=1.5 Kg						
	Overall capacity	>=6 Kg						
	Shape of seed drum	Hyperboloid, cylindrical						
	Area of coverage	>=0.75 ha per day						
	Solar Dryer Machine							
	Make, Model and Brand	Any						
	Drying type	Direct Heating						
Purpose	Specially for drying chilly							
No. of drying trays	>=3							
No. of drying cabinet	>=1							
No. of heating collector	>=1							
Air flow	Forced Flow							
Power source for blower	PV Module							
Drying tray mesh	stainless Steel (food graded)							
Inner cladding	Aluminum							
Outer cladding	GI Sheet							
Insulation	Styrofoam							
Drying capacity	>=10 kg per batch							
Absorber	Aluminum							
Absorbing surface	Matt Black Paint							
Top cover	Acrylic Sheet, 3mm							
Insulation	Styrofoam							
Mini Thresher (Paddy-Wheat thresher)								
Make, Model and Brand	Any							
Type	Capable for threshing paddy and wheat etc.							
Engine type	single cylinder, 4- stroke, petrol engine							
Cooling system	air cooled							
Fuel type	petrol							
Engine power	5.2 ±0.2kw or above							
Rotate speed	1100 rpm							
Fuel tank capacity	3 lts or above							
Engine oli	600 ml above							
Output capacity/ threshing capacity	200 kg above							
No. of Transportation wheels	2							
Potato Planter								
Make, Model and Brand	Any							
Power required	Easily run by power matched mini tiller (suitable for 4.4kw±0.2kw or above)							
29								
30								

N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	Per Unit Rate (In Figures)	Per Unit Rate (inWords)	Remarks
	No. of wheels	at least 2		set			
	Wheel construction material	iron/ mild steel					
	wheel diameter	>=400 mm					
	No. of sowing rows	1 or above					
	Seed spacing	5"-8"					
	Sowing depth	4" or above					
31	Mini Tiller						
	Mini tiller not less than 4.4kw±0.2kw capacity with manual or electric start, having 4 stroke petrol engine with air cooling system, a set of rotary rotavator/cultivators attached having minimum of 24 blades and tilling width of 800mm-900mm or above and tilling depth of at least 4 inch , gear and chain system power transmission with manual gear shifting at least 2 forward and 1 reverse , engine test report must be submitted.			set			
32	Mini Tiller						
	Mini tiller not less than 6.0kw±0.2kw capacity with manual or electric start, having 4 stroke petrol engine with air cooling system, a set of rotary rotavator/cultivators attached having minimum of 32 blades and tilling width of minimum 1000mm or above and tilling depth of at least 4 inch , gear and chain system power transmission with manual gear shifting at least 2 forward and 1 reverse , engine test report must be submitted.			set			
33	Mini Tiller						
	Mini tiller not less than 3.7 kw±0.2kw capacity with manual or electric start, having 4 stroke petrol engine with air cooling system, a set of rotary rotavator/cultivators attached having minimum of 24 blades and tilling width of 800mm-900mm or above and tilling depth of at least 4 inch , gear and chain system power transmission with manual gear shifting at least 2 forward and 1 reverse , engine test report must be submitted.			set			
34	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	recoil 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					
	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	>=1200mm & >=100mm					
	Battery	12V/36 Ah (in case of electric starting system)					

Suppliers responsibilities

- A) Manufacturing company shall provide at least 1 year of warranty in case of manufacturing defect.
- B) Necessary spare parts shall be supplied easily in demand of beneficiary.
- C) General operation training of the machine shall be given to the purchaser.
- D) Test report, lab certificate regarding machineries power with respected country verified certification must be included by the suppliers.


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