

नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाई, कपिलवस्तु
प्रस्तावित दरमाउ फारम

१. संस्थाको नाम :
२. संस्थाको ठेगाना :
- सम्पर्क व्यक्तिको मोबाईल नं. :
- ईमेल :
३. आधिकारिक व्यक्तिको नाम :
- पद :
- ईमेल :
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 दरमाउ र अन्य विवरण प्रस्ट खुल्नु पर्नेछ ।
१०. आपूर्तिकर्ताले Supplier's Specification मा मेसिनरी औजारको विवरण अनिवार्य रूपमा भर्नु पर्ने छ ।

Technical Specification of Farm Machinery and Equipments					Remarks
S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	
1	Super Seeder				
	Make and Model (Brand)	Any			
	Country of manufacturer	Any			
	Type	Zero till seed drill (Wheat, lentil etc)			
	Power source	55 hp and above tractor			
	Material	Stainless steel/mild steel			
	Hitching System	3 point linkage			
	Gear box rpm	540/1000 rpm			
	Number of tines	≥ 10			
	Row to row distance	Adjustable			
	working width	above 2050mm			
	working depth	100-150mm			

NEC 372
कृषि इन्जिनियर
डॉ. डी. डी. डी.

प्रस्तावित दरमाउ फारम

Technical Specification of Farm Machinery and Equipments						
S.N.	Name of Implementations 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)
	Type of blade	LJF or J/F type with Bronze steel blades		Set		
	Number of blades	48-54				
	Thickness of blades	7-8 mm				
	Seed and fertilizer mechanism	Aluminium fluted roller type				
	Side drive	Gear Drive, Levelling roller/ pressing roller				
	Machine Weight:	above 800 kg.				
	Certification	Respective country verified certification				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
2 Weighing Machine						
	Name	Any		Set		Price of individual weightage
	Model	Any				
	Country of manufacturer	Any				
	Type	Electronic Weighing Machine				
	Display Type	Digital				
	Material	Mild Steel/stainless steel				
	Weighing 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				
3 Self Propelled Reaper						
	Make, Model and Brand	Any		Set		
	Type	Self propelled				
	Power	6 hp or more.				
	Engine:	4- stroke single cylinder, Diesel Engine				
	Rated speed	3600 rpm				
	Cooling system:	water coolant Radiator type				
	Cutting width:	1.2 meters				
	Cutting height:	Adjustable (5-40 cm)				
	Type of cutting unit:	Cutter bar with serrated V-shaped Blade				

उवि डोंगी सोनी
बुपि इन्जिनियर
NEC 878

11/05/2024
11/05/2024
11/05/2024

Digitized by eGangotri
www.eGangotri.org

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
	Conveyor:	Chain type (2 in numbers)					
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					
	Catalogue/manual	operation manual should submit					
4	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)	2130mm-2400mm					
	Working width (mm)	Minimum 1800-2100 mm					
	Type of blade	LJF, JF or J/F type blade					
	Thickness of blade (mm)	7-8 (min.)					
	No. of Blades	54 to 72					
	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					
5	Gyrovator						
	Type	Rotary tillage					
	Tactor power range required	45 to 60 above					
	Overall Width mm	2130 to 2400mm					
	Working width mm	1850 to 2050					
	Weight (kg)	±400 kg					
	Gear Box	Multispeed					
	Side Transmission	Gear Drive					
	Type of Blade	LJF, JF or J/F type blade					
	Number of Blade	54 to 72					
	Depth control mechanism	Arc shape skid on both side of rotavator					

उवि डीपी डीपी
कवि इन्जिनियर
NEC 378

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 (inWords)
	Diameter of rotor shaft (mm):	85-90				
	Rotor diameter (including flange and blade mounted on flange, mm)	440-460				
	Warranty	1 year on manufacturing defects				
		type: surface floating, motor: 1 hp				
		Single phase, CED (Cathodic Electro				
		Deposition) coating with H class				
		insulation; Gear Box: Bevel-Helical				
		type, Cast Iron Body with CED				
		coating; Impeller, Floats, Cover and				
		Tripod: Virgin PP/HDPE with UV;				
		Impeller Speed: 1000 RPM; Movable				
		joint, Shaft, Frame and Bolt kit: SS-				
		304; Synthetic Gear Box Oil; Oxygen				
		transfer rate: 1.2kg/hr to 1.5kg/h				
6	1 HP 2 Paddle Wheel Aerator			Set		
		type: surface floating, motor: 2 hp				
		Single phase, CED (Cathodic Electro				
		Deposition) coating with H class				
		insulation; Gear Box: Bevel-Helical				
		type, Cast Iron Body with CED				
		coating; Impeller, Floats, Cover and				
		Tripod: Virgin PP/HDPE with UV;				
		Impeller Speed: 1440RPM; Movable				
		joint, Shaft, Frame and Bolt kit: SS-				
		304; Synthetic Gear Box Oil; Oxygen				
		transfer rate: 2.2 kg/h to 2.5kg/h				
7	2HP 4 Paddle wheel aerator			Set		
		type: surface floating, motor: 2 hp				
		Single phase, CED (Cathodic Electro				
		Deposition) coating with H class				
		insulation; Gear Box: Bevel-Helical				
		type, Cast Iron Body with CED				
		coating; Impeller, Floats, Cover and				
		Tripod: Virgin PP/HDPE with UV;				
		Impeller Speed: 1440RPM; Movable				
		joint, Shaft, Frame and Bolt kit: SS-				
		304; Synthetic Gear Box Oil; Oxygen				
		transfer rate: 2.2 kg/h to 2.5kg/h				
8	Pellet Making Machine					
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Product Type	sinking type				
	Motor Type	single/three Phase Motor				
	Power	2 Hp or above Heavy Duty Motor				
	Rated Power voltage	220 V-440 V				
	Output Capacity	≥50 kg per hr				
	Rated Speed	1440-3600				
	Die and Roller Size	150mm-160 mm				
	Pellet Size	4mm-6 mm				
	Certification	Respective country verified certification				

उवि डीपी डीपी
कृषि इन्जिनियर
NEC 378

उवि डीपी डीपी
कृषि इन्जिनियर
NEC 378

Digitized by eGangotri
Date: 11/11/2019
Page: 1

Technical Specification of Farm Machinery and Equipments							
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
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects					
9	Offset Disc Harrow						
	Name	Any					
	Model	Any					
	Country of manufacturer	Any					
	Power required	above 35 hp					
	Hitching System	3 point linkage					
	Frame (mm)	Front channel 100*50 & 75*10 angle					
	Type of Disc / Blade :	Notched disc in front gang & Plain disc in rear gang (Boron & High Carbon Steel)		Set			
	No. of Disc	>=12					
	Gang Bolt/Axle type	31.5 (solid square rod)					
	Disc diameter	560 mm					
	Width of cut (mm)	more than 1300 mm					
	Disc spacing	225-230 mm					
	Bearing hubs	at least 4					
	Working depth	at least 150mm					
	Warranty	1 year manufacturing defects					
10	Straw Reaper						
	Make and model	Any					
	Power Sources	Tractor 45 hp above					
	PTO drive shaft	Universal telescopic shaft					
	Reel	Spring tynes bar pick up reels					
	Diameter of reel MM	450 to 590 without spikes					
	Width of reel MM	1980 to 2030					
	Cutter bar width MM	min of 1800					
	cutter bar blade	Serrated					
	Feed Auger	Screw/ helical					
	Beater	Pentagonal					
	Bruising drum	serrated blades mounted on a cylinders		Set			
	Diameter of drum	490mm (min)					
	No of blades	240 pics(min)					
	Speed of Drum	750 to 1000rpm					
	Concave	perforated					
	Cleaning Sieve	Reciprocating					
	Grain Reservoir	Rectangle					
	Straw Blower	Two or three blower per machine					
	Straw outlet	MS curved cylinder					

उपि डीपी डीपी
कृषि इन्फोर्मेशन
N EC 278

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)
	Transport Wheel	Two ribbed tyres				
	Warranty	1 year manufacturing defects				
11	Disc Ridger					
	Make and model	Any				
	Country of manufacturer	Any				
	Power required of tractor	45 Hp and above				
	Hitching mechanism	Tractor drawn Ridger, 3 point linkage				
	Axle type	Spindle				
	No.s of disc	2				
	Frame size (mm)	Not less than 72*72*6 Box And 75*40*6 Channel				
	Type of disc	Plain				
	Disc diameter	Not less than 600*6		Set		
	Maximum width b/w ridge	Around 300 mm				
	Weight	Not less than 200 kg				
	Height of ridge	>=300 mm				
	Bearing hubs	at least 2				
	Row spacing	adjustable 610 to 1000 mm				
	Capacity	2 to 4 ha /day				
	Warranty	1 year manufacturing defects				
12	Ridger (Furrow)					
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Type	Tractor Driven and 3-points hitch assembly				
	Length (mm)	900-2200				
	Width (mm)	500-2200				
	Height (mm)	800-1300				
	Wingspan Adjustment (mm)	280-550		Set		
	Number of base	5				
	Row spacing	Adjustable (590 - 880)				
	Power Required	45 Hp and above				
	Certification	ISO certified				
	Warranty	1 years of manufacturing defects				
13	Trolley (Trolley of tractor)					
	Make and model	Any				
	Country of manufacturer	Any				
	Types	2 wheel plain /hydraulic tractor trolley				
	Capacity	4 tonne				
	Body Size (feet)	nearly equal to or standard size of (10' x 6' x 2') or (10'x6'x1.75')				

छवि डॉकी केरी
 कृषि इंजिनियर
 NEC 328

22/05/2024
 11/05/24
 11/05/24

11/02/2019 10:10:23 AM
 11/02/2019 10:10:23 AM

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
	Body construction material	MS sheet of more than 3.4 mm thickness all side open type on hinges except front one and ms sheet of 6 mm thick in floor painted and all the necessary assembly of chasis tyres and wheel		Set			
	Disc	Double plate					
	Tire Size	10.00 *20					
	Flooring	>=6mm Iron sheet					
	Warranty	1 year manufacturing defects					
14	Cultivator(Ridge Type)						
	Make and model	Any					
	Type	Ridge type tractor mount					
	Source of power	Tractor					
	length	850 mm					
	width	2000mm					
	height	1010 mm					
	No of tine	9					
	Working Width	2100 -3000mm					
	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					
15	Cultivator(Spring loaded)						
	Make and model	Any					
	Type	spring loaded					
	Source of power	tractor					
	length	1960-3000 mm					
	width	970 - 1560 mm					
	height	1070-1350 mm					
	No of tine	9 to 13					
	Working Width	2100 -3000 mm					
	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					
	No of coil in spring	28					
	No of spring per tine	2					
	Warranty	1 year manufacturing defects					

छवि डोंगी क्षेत्र
 कृषि इन्जिनियर
 27/8

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 (inWords)	Remarks
16	4WD Tractor			Set			
	Make and model	Any					
	Type	above 55 hp 4wd power					
	Engine capacity(cc)	2900 to 3700					
	Hydrauli lifting Capacity Kg	1800 to 2200					
	Clutch type	Dual Clutch					
	Engine Cylinder	3 or 4					
	Rated Engine RPM	1800 to 2300					
	Gear Type	Constant Mesh /Synchromesh					
	GearLocation	Side Shifting					
	Gear Speed	8 forward and 2 Reverse (high & low)					
	PTO RPM	MRPTO					
	Steering	Power steering					
	Break	Multiplate oil Immersed Disc Brake					
	Front tyre	7.5*16					
	Rear Tyre	16.9*28					
	Cooling	Water and Coolent					
	Air Filter	Dry type					
	Warranty	1 year manufacturing defects					
17	2WD Tractor			Set			
	Make,Model and Brand	Any					
	Type	above 55 hp 2wd power					
	Engine capacity(cc)	2900 to 3700					
	Hydrauli lifting Capacity Kg	1500 to 2200					
	Clutch type	Dual Clutch					
	Engine Cylinder	3 or 4					
	Rated Engine RPM	1800 to 2300					
	Gear Type	Constant Mesh /Synchromesh					
	Gear Location	Side Shifting					
	Gear Speed	8 forward and 2 Reverse (high & low)					
	PTO RPM	MRPTO					
	Steering	Power Steering					
	Break	Multiplate oil Immersed Disc Brake					
	Front tyre	6.0*16					
	Rear Tyre	14.9 *28					
	Cooling	Water and Coolent					
	Air Filter	Dry type					
	Warranty	1 year manufacturing defects					


 डॉ. जे. एस. भट्ट
 कृषि इंजिनियर
 NEC 278

2023/03/28
 11:00 AM
 11:00 AM

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
18	Combine Mill/ Mini- sheller mill						
	Make, Model and Brand	Any					
	Product Type	Rice cum flour mill					
	Rated power	3 hp					
	Voltage	220 v, single phase					
	Motor rpm speed	2800 rpm					
	Rotation type	forward and reverse rotation		Set			
	Cuter 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					
	Electric consumption	<=2.5 unit/hr					
	Certification	ISO certified					
	Warranty	1 year manufacturing defects					
19	Corn Sheller						
	Make, Model and Brand	Any					
	Country of manufacturer	Any					
	Rated Power	3 hp- 4hp		set			
	Engine type	Single phase, 220-240 V & 50Hz					
	Construction material	Stainless steel					
	Motor rpm speed	1400-1600 rpm					
	Output Capacity	>=1.5 ton/hr					
	tooth spacing	20mm					
	Certification	ISO certified					
	Warranty	1 year manufacturing defects					
20	Corn sheller						
	Make/Brand	Any					
	Model	Any					
	Country of origin	Any					
	Machine raw material	Mild steel					
	Motor	1 hp (0.75 Kw) electric motor					
	Rated voltage	220v					
	Power Transmission system	Belt type					
	Threshing Rate	not less than 75 Kg/hr					
	Suitability	Corn					
	Warranty	1 year manufacturing defects					

उच्चि डाँगी क्षेत्री
कृषि इन्वोनियर) ए.ए.
२५४



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 (inWords)	Remarks
21	Mini Weeder						
	Make,Model and Brand	Any					
	Country of manufacturer	Any					
	Rated Power	1.5-3HP					
	Engine type	2 stroke Petrol Engine/air cooled					
	Type of Start	Recoil (Manual Start)					
	Tilling Width and depth	11"-16" and 4"-7"					
	Cutting Capacity	Any					
	No. of Gears	1(forward) and above					
	Grade Type	Semi Automatic					
	Fuel Tank Capacity	>=1.2 ltr					
	Warranty	1 years of manufacturing defects					
22	Weeder						
	Make,Model and Brand	Any					
	Country of manufacturer	Any					
	Power Source	Gasoline					
	Traction Type	Hanging					
	Arbor Configuration	Horizontal Axis					
	Weeding Width	30-40cm					
	Tilling Width	20-40cm					
	Rated Power	>=1.9kw/2.5Hp					
	Weeding Depth	5-15cm					
	Tilling depth	8-18cm					
	Start System	Recoil (Manual Start)					
	Working Shaft	Splitting Type					
	Brush Cutter Head	Nylon cutter					
	Warranty	1 years of manufacturing defects					
23	Paddy thresher						
	Make and model	Any					
	Type	Spike tooth paddy thresher					
	Threshing unit Diameter	543mm					
	Threshing unit length	1800mm					
	Concave type	semi cyndrical					
	Concave length	1430 mm					
	Sieve type	Oscillating					
	Sieve number	2					
	Blower Diameter	623 mm					
	Blower Fan and Blades	Centrifugal Types fan and 4 blades					
	Overall Dimension (L*W*H)mm	>= 4175*1957*1890					
	Output Capacity	1.25Ton /hr					
	Warranty	1 year manufacturing defects					

उपवि डीपी कोषी
कृषि इन्जिनियर EC 318

उपवि डीपी कोषी
कृषि इन्जिनियर EC 318

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 (inWords)	Remarks
24	Multi Crop Thresher						
	Make,Model and Brand	Any					
	Power required of tractor	35HP or above					
	Automation Grade	Automatic					
	Threshing Capacity	1200 kg/hr and above					
	Output	1200 kgs of grain per hour and above					
	Threshing drum diameter	900 mm and above					
	Threshing drum length	750 mm and above					
	No. of Cutting blades	3 and above					
	Sheet Thickness (Curved part)	>= 3.2mm					
	Sheet Thickness (Side walls)	>= 2.8mm		Set			
	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					
	Main Shaft Diameter	Feeding hopper (Shaft Fitted)					
	No.Of Transmission Joints	70 mm and above					
	Overall Dimension (L*W*H)mm	4					
		4800*1750*2000 mm and above					
25	Wheat Thresher						
	Make,Model and Brand	Any					
	Type	Tractor PTO operated					
	Features	Suitable for wheat.					
	Power Required	Tractors above 35 Hp					
	Capacity	≥1000 kg/hr					
	Threshing efficiency	≥ 95 percentage					
	Cleaning efficiency	>=95 percentage					
	size	>=30 x 36					
	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 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		Set			
	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					

वि डीपी सी
वि इन्जिनियर 28/01/2018

वि डीपी सी
वि इन्जिनियर 28/01/2018



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 (inWords)	Remarks
	Proven Performance	The tractor operated rice mill 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					
29	Chainsaw						
	Make,Model and Brand	Any					
	Country of manufacturer	Any					
	Power source	Gasoline					
	Displacements(cc/cu.in)	>= 28/1.7					
	Engine Power (kW/bhp)	>= 1.2/1.6					
	Powerhead Weight (kg)	Not less than 2.67					
	Chain Oil Capacity	Not less than 100ml					
	Certification	ISO certified					
	Warranty	1 years of manufacturing defects					
30	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	18 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	12 v 12Ah Lithium Battery with Charger					
	No of piston in pump	1 for manual operations					
	Pressure and Flow	0.10 -0.85MPA (3.6 LPM to 4.5 LPM) (100psi to 110 Psi)					
	Warranty	1 year					
	Catalogue/manual	operation manual should submit					
31	Power Spray						
	Make,Model and Brand	Any					
	Type	Back Pack					
	Engine	4 stoke, 5.5 hp petrol engine					
	Engine RPM	3600 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					

उपि डॉ. रमेश
कृषि इंजिनियर NCC 378

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 (inWords)
	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.				
32 5 Hp Mini Tiller						
	Make,Model and Brand	Any				
	Country of manufacturer	Any				
	Engine Type	4 stroke Diesel Engine				
	Cylinder	Single Cylinder Air cooled				
	Horse power (output)	5hp above (± 3.4 Kw)				
	Displacements	± 0.245 L				
	Rated RPM	3600				
	Bore * stroke	±73*59				
	Engine oil	1 litres (10w30) above				
	Weight	Not less than 112 kg		Set		
	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 above				
	No of rotary blades	Not Less than 24 Blades				
	Start	Recoiling Manual Start				
	Tools set	Needed				
	Warranty	1 year				
	Catalogue/manual	Operation manual should submit				
33 6 to 7 Hp Mini Tiller						
	Make,Model and Brand	Any				
	Country of manufacturer	Any				
	Horse power (output)	± 6 hp above (± 4.4 Kw)				
	Displacements	± 0.300 L				
	Rated RPM	3600				
	Bore * stroke	±78*62				
	Engine oil	2.5 litres (15w40) above				
	Weight	Not less than 125 kg		Set		
	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 above				

छवि डोंगी शेरी
कृषि इन्जिनियर

NEC 378

RECEIVED
11/06/2019
11/06/2019



Digitized by Srujanika@gmail.com

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)
	No of rotary blades	Not Less than 32 Blades				
	Start	Recoiling Manual Start				
	Tools set	Needed				
	Warranty	1 year				
	Catalogue/manual	Operation manual should submit				
34	9 Hp Mini Tiller					
	Make/Model and Brand	Any				
	Country of manufacturer	Any				
	Engine Type	4 stroke Diesel Engine				
	Cylinder	Single Cylinder Air cooled				
	Horse power (output)	± 9 hp above (± 6.3 Kw)				
	Displacements	± 0.310 L				
	Rated RPM	3600				
	Bore * stroke	±86*72				
	Engine oil	2.5 litres (15w40) above				
	Weight	Not less than 135 kg		Set		
	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	1050 above				
	No of rotary blades	Not Less than 32 Blades				
	Start	Recoiling Manual Start				
	Tools set	Needed				
	Warranty	1 year				
	Catalogue/manual	Operation manual should submit				
35	Mini tiller Reaper (attachment)					
	Model	Any				
	Power	Mini tiller 7 HP to 9 Hp				
	Capacity	±2 Acre/ Hr				
	Cutting Width	1000 mm				
	Minimum Stubble Height	>=25 mm				
	Crops	Rice and wheat				
	Crop Divider	3 with star wheels				
	Operation	Belt and pulley of minitiller				
	Warranty	1 year				
	Catalogue/manual	operation manual should submit				

NEC 278
कृषि डीपी क्षेत्री
कृषि इंजिनियर



Technical Specification of Farm Machinery and Equipments					Remarks
S.N.	Name of Implements With Description	Technical Specification	Supplier's specification (Mandatory to fill up otherwise not consider their quoted rate)	Unit	
36	18 Hp Powertiller	Name	N/A	Set	
		Model	N/A		
		Type	Single axle, dual purpose for both traction		
		Engine type	Horizontal, 4-stroke single cylinder, Diesel engine		
		Power	18hp(13 Kw Above)		
		Engine speed	2200 rpm		
		Bore x stroke	105mm x 115mm		
		Cooling System	Radiator		
		Wheel track	>=640mm		
		minimum ground clearance	±185mm		
		min turning radius	±900mm		
		Specific fuel consumption(g/kwhr)	258		
		Clutch	Manual separation gear dry type		
		Tillage Width	±1000 mm		
		No of Rotary Blades	28		
37	20 Hp Powertiller	Starting model	Hand-crank or Power-start or Recoiling start	Set	
		Fuel Tank:	12 litre or above		
		Tools set	needed		
		Warranty	At least 1 year warranty after acceptance.		
		Catalogue/manual	Operation manual should submit.		
		Name	N/A		
		Model	N/A		
		Type	Single axle, dual purpose for both traction		
		Engine type	Horizontal, 4-stroke single cylinder, Diesel engine		
		Power	20 Hp (14Kw Above)		
		Engine speed	2200 rpm		
		Bore x stroke	105mm x 115mm		
		Cooling System	Radiator		
		Wheel track	>=640mm		
		minimum ground clearance	±185mm		
		min turning radius	±900mm		
		Specific fuel consumption(g/kwhr)	258		
		Clutch	Manual separation gear dry type		
		Tillage Width	±1000 mm		
		No of Rotary Blades	28		

उप निदेशी
कृषि इन्जिनियर
NCC 378

उप निदेशी
कृषि इन्जिनियर
NCC 378

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 (inWords)
	Starting model	Hand-crank or 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.				
38	22 Hp Powertiller					
	Name					
	Model	N/A				
	Type					
	Engine type	Single axle, dual purpose for both traction Horizontal, 4-stroke single cylinder, Diesel engine				
	Power	22 Hp (16 Kw Above)				
	Engine speed	2200 rpm				
	Bore x stroke	105mm x 115mm				
	Cooling System	Radiator				
	Wheel track	>=640mm				
	minimum ground clearance	≥185mm				
	min turning radius	±900mm				
	Specific fuel consumption(g/kwhr)	238				
	Clutch	Manual separation gear dry type				
	Tillage Width	±1000 mm				
	No of Rotary Blades	28				
	Starting model	Hand-crank or 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.				
39	Powertiller operated Reaper					
	Make, Model and Brand					
	Type	Any				
	Power	Powertiller operated				
	Cutting width:	15 hp above powertiller				
	Cutting height:	1.2 meters				
	Type of cutting unit:	Adjustable (5-40 cm)				
	Conveyor:	Cutter bar with serrated V-shaped Blade				
		Belt type				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	Catalogue/manual	operation manual should submit				

छवि डोंगी शेरी
 कृषि इन्जिनियर
 NEC 378

11/2/2019
 11/2/2019
 11/2/2019

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
40	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.					
41	Power Mixture Machine	Output capacity: >=50 kg per hour, mixing time:<=15 minute, Electricity power required: single phase, 50Hz, & 220V, Drum capacity:>= 50 lts.					


 छवि डोंगी क्षेत्री
 कृषि इंजिनियर
 N E C 378

१५/०५/२०२०
 १५/०५/२०२०
 १५/०५/२०२०