Fy: 2080/81

Bagmati Province Ministry of Agriculture and Livestock Development Agriculture Development Office Ramechhap



## शिलबन्दी दरभाउ प्रस्ताव

SN Required Technical Specifications	ations	Bidders Specification	Rate in figure (including vat for applicable items)	Rate in word	Remarks
1 Diesel Mini Tiller 5.5 hp category	gory				
Make & model of machine	Iso certified, Mini tiller model, Engine Model no.	Mini tiller model: Engine			
		Model no.:			
Engine	4 stroke, single cylinder, inclinde/vertical, forced air				
	cooled, diesel engine, power: 5.5 or above HP				
Transmission system	wet type, friction multi plate clutch; no. of gear				
	speed: 2 forward & 1 reverse and neutral				
Model of transmission	Driven by gear system				
Number of rotor blades	24 blades or above				
Transportation wheel	Pneumatic tyre size (inch): 4.0:8(4PR)				
starting method	Manual or recoil starting system				
steering handle bar	Height adjustment provided				
weight(kg)	Gross weight 80-110 kg	Strictly mention the gross			
		weight in kg			
Width of cut (cm)	75 to 100				
Depth of cut(cm)	10 to 15				
productivity (ha/h)	0.1 to 0.12				
fuel consumption (ltr/hr)	\$1				
Fuel tank capacity (litre)	2.5 to 3.5				
Air cleaner	Oil bath type				
operation manual and parts	One set of operation, maintenance manual, parts				
catalogue	catalogue				
Accessories parts and tools	One set of complete tool box, mini tiller filled with				
	lubricant and gear oil				

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Diesel Mini Tiller 7 hp category	ory	
Make & model of machine	lso certified, Mini tiller model, Engine Model no.	Mini tiller model: Engine Model no.:
Engine	4 stroke, single cylinder, inclinde/vertical, forced air cooled, diesel engine, power: 6.5 to 7 HP.	7
Transmission system	wet type, friction multi plate clutch; no. of gear speed: 2 forward & 1 reverse and neutral	
Model of transmission  Number of rotor blades	Driven by gear system  32 blades or above	
Transportation wheel	Pneumatic tyre size (inch): 4.0:8(4PR)	
starting method	Manual or recoil starting system	
steering handle bar	Pipe diameter minimum 25mm, Height adjustment provided, 360 degree rotation.	
weight(kg)	Gross weight 115-130 kg	Strictly mention the gross weight in kg
Width of cut (cm)	105 to 130	
Depth of cut(cm)	10 to 15	
productivity (ha/h)	0.12 to 0.16	
fuel consumption (ltr/hr)	23	
Fuel tank capacity (litre)	3.5 to 4	
Air cleaner	Oil bath type	
operation manual and parts	One set of operation, maintenance manual, parts catalogue	
Acceptant and tools	One set of complete tool box, mini tiller filled with	*
Accessories bailes alle tools		

n Ge e e e e e e e e e e e e e e e e e e				
Engine  Cooled, diesel engine, power: 6.5 to 7 HP.  Transmission system  Model of transmission  Number of rotor blades  Transportation wheel  Starting method  Weight (kg)  Width of cut (cm)  Depth of cut(cm)  Depth of cut(cm)  Depth of cut(cm)  Air cleaner  Operation manual and parts catalogue  Accessories parts and tools  Electrical combined mill  Electrical combined mill  Feeding  Feeding  Rotor diameter (mm)  A stroke, single cylinder, inclinde/vertical, forced air cooled, diesel engine, power: 6.5 to 7 HP.  weit type, friction multi plate clutch; no. of gear system  wet type, friction multi plate clutch; no. of gear system  wet type, friction multi plate clutch; no. of gear system  wet type, friction multi plate clutch; no. of gear system  Wet type, friction multi plate clutch; no. of gear system  wet type, friction multi plate clutch; no. of gear system  Wet type, friction multi plate clutch; no. of gear system  Manual or recoil starting s	Make & model of machine	Iso certified, Mini tiller model, Engine Model no.	nodel:	ngine
Transmission system  Model of transmission  Model of transmission  Number of rotor blades  Transportation wheel  President (cm)  Depth of cut(cm)  Depth of cut(cm)  Depth of cut(can)  Fuel consumption (ltr/hr)  Air cleaner  Operation manual and parts catalogue  Accessories parts and tools  Power source  Accessories parts and tools  Electrical combined mill  Power source  Capacity  Feeding  Rotor diameter (mm)  Rotor diameter (mm)  Diriven by gear system  Manual or recoil starting system  Oil bath type  Oil bath type  One set of operation, maintenance manual, parts catalogue  One set of complete tool box, mini tiller filled with lubricant and gear oil  Electrical combined mill  100 percent copper wire binding motor)  Metallic steel  -80kg/hr for rice de-husking; >150 kg for grinding  should have adjustable feed rate mechanism  hopper having adjustable system in outlet, separate the stone or straw in paddy, separate broken rice  and whole rice.  Compartment machine  rice and disc grind compartment one single  machine	Engine	4 stroke, single cylinder, inclinde/vertical, forced air cooled, diesel engine, power: 6.5 to 7 HP.		
Model of transmission Number of rotor blades Transportation wheel Starting method Weight(kg) Weight(kg)  Width of cut(cm) Depth of cut(cm) Depth of cut(cm) Air cleaner Operation manual and parts catalogue Accessories parts and tools Capacity Power source Body material Feeding Feeding Rotor diameter (mm)  Number of rotor blades  24-32 blades Pneumatic tyre size (inch): 4.0:8 Pne	Transmission system	wet type, friction multi plate clutch; no. of gear speed: 2 forward & 1 reverse and neutral		
Number of rotor blades Transportation wheel Transportation wheel Starting method Wanual or recoil starting system Weight(kg) Width of cut (cm) Depth of cut(cm) To to 15 productivity (m²/h) Fuel tank capacity (litre) Air cleaner Operation manual and parts catalogue Accessories parts and tools Capacity Depth of cut (cm) Air cleaner Operation manual and parts Catalogue Accessories parts and tools Capacity Depth of cut (cm) Air cleaner Operation manual and parts Catalogue Accessories parts and tools Catalogue Accessories parts and tools Capacity  Feeding Feeding Features Features Rotor diameter (mm)  Rotor diameter (mm)  Fice mill: not less than 40; disc mill: not less than Fice mill: not less than 40; disc mill: not less than Fice mill: not less than Feeding Freeding Feeding	Model of transmission	Driven by gear system		
Transportation wheel  starting method  Manual or recoil starting system  Weight(kg)  Width of cut (cm)  Depth of cut(cm)  Fuel consumption (ltr/hr)  Air cleaner  operation manual and parts catalogue  Accessories parts and tools  Power source  Capacity  Electrical combined mill  Capacity  Feeding  Rotor diameter (mm)  Rotor diameter (mm)  Power source  Rotor diameter (mm)  Power signet (cm)  Ananual or recoil starting system  Manual or recoil starting system  75 to 100  Gross weight 76-90 kg  Gross weight 76-90 kg  Footon  75 to 100  10 to 15  000-750  One set of operation, maintenance manual, parts catalogue  One set of complete tool box, mini tiller filled with lubricant and gear oil  Ilubricant and gear oil  Interview (100 percent copper wire binding motor)  Metallic steel  280kg/hr for rice de-husking; >150 kg for grinding  Should have adjustable feed rate mechanism  hopper having adjustable system in outlet, separate the stone or straw in paddy, separate broken rice  and whole rice.  Compartment  rice and disc grind compartment one single  machine  rice mill: not less than 40; disc mill: not less than	Number of rotor blades	24-32 blades		
starting method weight(kg)  Weight(kg)  Width of cut (cm)  Depth of cut(cm)  Fuel consumption (ltr/hr)  Air cleaner  operation manual and parts catalogue  Accessories parts and tools  Power source  Capacity  Feeding  Feeding  Features  Rotor diameter (mm)  Across weight 76-90 kg  Gross weight 76-90 kg  Aff 0.00  75 to 100  Aff 0.15  Depth of cut (cm)  100 to 15  One set of operation, maintenance manual, parts catalogue  One set of complete tool box, mini tiller filled with lubricant and gear oil  Electrical combined mill  3-4 hp (2.2-3 kw) 1 PH, 220 V/50 Hz/2800 RPM.  (100 percent copper wire binding motor)  metallic steel  >80kg/hr for rice de-husking: >150 kg for grinding  *80kg/hr for rice de-husking: >150 kg for grinding  *hould have adjustable feed rate mechanism  should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.  Compartment  rice and isc grind compartment one single machine  Rotor diameter (mm)  rice mill: not less than 40; disc mill: not less than	Transportation wheel	Pneumatic tyre size (inch): 4.0:8		
weight(kg)  Width of cut (cm) Depth of cut(cm) Depth of cut(cm) Fuel consumption (ltr/hr) Fuel tank capacity (litre) Air cleaner Operation manual and parts catalogue Accessories parts and tools Capacity  Electrical combined mill Power source Capacity  Feeding Feeding Features  Rotor diameter (mm)  For to 100 The set of 100 The set of operation, maintenance manual, parts catalogue One set of complete tool box, mini tiller filled with lubricant and gear oil  Electrical combined mill  8-4 hp (2.2-3 kw) 1 PH, 220 V/50 Hz/2800 RPM. (100 percent copper wire binding motor) The metallic steel Should have adjustable feed rate mechanism should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.  Compartment Fice and disc grind compartment one single machine rice mill: not less than 40; disc mill: not less than	starting method	Manual or recoil starting system		
Width of cut (cm)  Depth of cut(cm)  Depth of cut Capacity (litre)  Depth of capacity (litr	weight(kg)	Gross weight 76-90 kg	Strictly mention the gross weight in kg	
Depth of cut(cm)    Depth of cut(cm)   Depth of cut(cm)	Width of cut (cm)	75 to 100		
productivity (m²/h)  fuel consumption (ltr/hr)  Fuel tank capacity (litre)  Air cleaner  Operation manual and parts catalogue  Accessories parts and tools Lubricant and gear oil  Electrical combined mill  Power source Capacity  Feeding  Feeding  Features  Rotor diameter (mm)  Foreit consumption (ltr/hr)  Air cleaner  Oil bath type Oil b	Depth of cut(cm)	10 to 15		
fuel consumption (ltr/hr)  Fuel tank capacity (litre)  Air cleaner  Oil bath type  One set of operation, maintenance manual, parts catalogue  Accessories parts and tools Accessories parts and tools  Electrical combined mill  Flectrical combined mill  Capacity  Power source  Capacity  Feeding  Feeding  Feoding  Found iameter (mm)  Rotor diameter (mm)  Air cleaner  Oil bath type One set of operation, maintenance manual, parts catalogue  One set of complete tool box, mini tiller filled with lubricant and gear oil lubricant and gear oil  Rotor diameter (mm)  Oil bath type One set of operation, maintenance manual, parts catalogue One set of operation,	productivity (m <sup>2</sup> /h)	600-750		
Fuel tank capacity (litre)  Alir cleaner Operation manual and parts catalogue  Accessories parts and tools Electrical combined mill Power source Capacity  Body material Capacity  Feeding  Feeding  Feotures  Fompartment  Rotor diameter (mm)  Alir cleaner Oil bath type One set of operation, maintenance manual, parts catalogue Cone set of complete tool box, mini tiller filled with lubricant and gear oil lubricant and gear oil  Rotor diameter (mm)  One set of operation, maintenance manual, parts catalogue Cone set of complete tool box, mini tiller filled with lubricant and gear oil  metallic steel  >80kg/hr for rice de-husking; >150 kg for grinding >80kg/hr for rice de-husking; >150 kg for grinding should have adjustable feed rate mechanism the stone or straw in paddy, separate broken rice and whole rice.  Compartment  rice mill: not less than 40; disc mill: not less than	fuel consumption (ltr/hr)	<0.9		
Air cleaner  Oil bath type  operation manual and parts catalogue  Accessories parts and tools Accessories parts and tools Electrical combined mill  Power source Capacity  Feeding  Feeding  Feodures  Compartment  Fotor diameter (mm)  One set of complete tool box, mini tiller filled with lubricant and gear oil  Iubricant and gear oil  Metallic steel -80kg/hr for rice de-husking; >150 kg for grinding should have adjustable feed rate mechanism should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.  Compartment  Features  Rotor diameter (mm)  Tice mill: not less than 40; disc mill: not less than	Fuel tank capacity (litre)	3.6 to 4		
operation manual and parts catalogue  Accessories parts and tools Electrical combined mill Power source Capacity  Feeding  Feetures  Features  Rotor diameter (mm)  One set of complete tool box, mini tiller filled with lubricant and gear oil lubricant and gear oil  None set of complete tool box, mini tiller filled with lubricant and gear oil  Rotor diameter (mm)  One set of operation, maintenance manual, parts catalogue  Capacity  None set of complete tool box, mini tiller filled with lubricant and gear oil  None set of operation, maintenance manual, parts catalogue  Comp set of operation, maintenance manual, parts catalogue  None set of operation, maintenance manual, parts catalogue  Complete tool box, mini tiller filled with lubricant and gear oil  None set of operation, maintenance manual, parts catalogue  None set of operation, maintenance manual, parts catalogue  Complete tool box, mini tiller filled with lubricant and gear oil  None set of operation, maintenance manual, parts catalogue  None set of operation, maintenance manual, parts catalogue  None set of operation, maintenance manual, parts catalogue  None set of complete tool box, mini tiller filled with lubricant and gear oil  None set of complete tool box, mini tiller filled with lubricant and gear oil  None set of complete tool box, mini tiller filled with lubricant and gear oil  None set of complete tool box, mini tiller filled with lubricant and gear oil  None set of complete tool box, mini tiller filled with lubricant and gear oil	Air cleaner	Oil bath type		
Accessories parts and tools lubricant and gear oil lubricant and gear oil  Electrical combined mill  Power source (100 percent copper wire binding motor)  Body material metallic steel >80kg/hr for rice de-husking; >150 kg for grinding feeding hopper having adjustable feed rate mechanism should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.  Compartment rice and disc grind compartment one single machine rice mill: not less than 40; disc mill: not less than 1010	operation manual and parts	One set of operation, maintenance manual, parts catalogue		
Electrical combined mill       3-4 hp (2.2-3 kw) 1 PH, 220 V/50 Hz/2800 RPM.         Power source       (100 percent copper wire binding motor)         Body material       metallic steel         Capacity       >80kg/hr for rice de-husking; >150 kg for grinding         Feeding       hopper having adjustable feed rate mechanism         Features       should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.         Compartment       rice and disc grind compartment one single machine         Rotor diameter (mm)       rice mill: not less than 40; disc mill: not less than	Accessories parts and tools	One set of complete tool box, mini tiller filled with lubricant and gear oil		
terial metallic steel  >80kg/hr for rice de-husking; >150 kg for grinding  hopper having adjustable feed rate mechanism  should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.  ment rice and disc grind compartment one single machine  rice mill: not less than 40; disc mill: not less than	Electrical combined mill		-	
terial	Power source	3-4 hp (2.2-3 kw) 1 PH, 220 V/50 Hz/2800 RPM. (100 percent copper wire binding motor)	Model no. and photo	
ment (mm)	Body material	metallic steel		
ment (mm)	Capacity	>80kg/hr for rice de-husking; >150 kg for grinding		
ment ameter (mm)	Feeding	hopper having adjustable feed rate mechanism		
-	Features	should have adjustable system in outlet, separate the stone or straw in paddy, separate broken rice and whole rice.		
	Compartment	rice and disc grind compartment one single machine		
	Rotor diameter (mm)	rice mill: not less than 40; disc mill: not less than 210		

6 G Safety Delivery Place above. Safety: Protective covers etc. speed >2000 RPM. Transportation wheel; Pneumatic tyre. Gross weight 74 kg or Rated RPM: 300-3600. Roller speed ≥800 RPM, Breakage rate <2%. Cleaning fan ≥6.5 hp, 4 stroke, petrol, air cooled, single cylinder, fuel tank capacity: ≥3.6 L. Combined Power Thresher (multi crop thresher) 10 kg (without motor), Speed: 1800 r/min; Production efficiency: 0.8 T/h. Single tube corn sheller; Dimensions: 500mm x 270mm x 500mm (±5%); weight: Maize Sheller Feature required Warranty Capacity (paddy): ≥300 kg/hr. Cyclone Grain cleaning. Power: Gasoline engine, Gasoline power operated multi crop thresher of threshing rice, wheat etc. Supporting power: Single phase motor 0.65Kw or more, Voltage: 220V/50hz. Sieve (mm) Purity: >95%; Broken rate: <1, 5%, Frame MS Angle. Sites allocated by office Manthali, Ramechhap Equipment should be delivered to: Minimum 1 year blades, pulleys etc. application in both miling of cereals such as rice, Agriculture Development Office Protective covers on moving parts such belt, wheat, millet and paddy. Gross wt. 85-100 kg. aperture: 1.2 2

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