

FY: 2080/81

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

शिलबन्दी दरआड प्रस्ताव

शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव
शिलबन्दी प्रस्ताव

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



2	Diesel Mini Tiller 7 hp category						
	Make & model of machine	ISO certified, Mini tiller model, Engine Model no.	Mini tiller model: Model no.:	Engine			
	Engine	4 stroke, single cylinder, incline/vertical, forced air cooled, diesel engine, power: 6.5 to 7 HP.	ISO:				
	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	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)	≤1					
	Fuel tank capacity (litre)	3.5 to 4					
	Air cleaner	Oil bath type					
	operation manual and parts catalogue	One set of operation, maintenance manual, parts catalogue					
	Accessories parts and tools	One set of complete tool box, mini tiller filled with lubricant and gear oil					



3	Petrol Mini Tiller 7 hp category	iso certified, Mini tiller model, Engine Model no.	Mini tiller model: Model no.:	Engine	
	Engine	4 stroke, single cylinder, inclinde/vertical, forced air cooled, diesel engine, power: 6.5 to 7 HP.	ISO:		
	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	24-32 blades			
	Transportation wheel	Pneumatic tyre size (inch): 4.0:8			
	starting method	Manual or recoil starting system			
	weight(kg)	Gross weight 76-90 kg	Strictly mention the gross weight in kg		
	Width of cut (cm)	75 to 100			
	Depth of cut(cm)	10 to 15			
	productivity (m ² /h)	600-750			
	fuel consumption (ltr/hr)	<0.9			
	Fuel tank capacity (litre)	3.6 to 4			
	Air cleaner	Oil bath type			
	operation manual and parts catalogue	One set of operation, maintenance manual, parts catalogue			
	Accessories parts and tools	One set of complete tool box, mini tiller filled with lubricant and gear oil			
4	Electrical combined mill				
	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		
	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 210			

Government of Karnataka
 Department of Agriculture, Animal Husbandry and Fisheries

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