

आर्थिक प्रस्तावना

S.N.	Name of Machinery and Equipments	Name of implement with description	Required specification	Specification of proposed item	Price (Rs.)	Price in words
1	Minitiller(Petrol)	Brand/model	ISO Certified Minitiller, Model..... Engine model number: .....			
		General	General purpose minitiller for dry and wet tillage,with standard desgin having gross vehicle weight not less than 80kg			
		Engine	Single cylinder,Four stroke ,incline/vertical Forced air cooled system,Oil batch type filler, Petrol engine, Maximum power not less than 4KW at rated speed .			
		Starting type				
		Transmission system	Double Cluth system ,Gear drive( 1- Reverse, 2- Forward( both high and low) number of gears.			
		Displacement(ml(cu.in))	not less than 208CC			
		Fuel tank capacity	not less than 3 L			
		Blades	minimum 24			
		Tilling Depth	100mm or above			
		Tilling width	750mm or above			
		Fuel Consumption (Litr/hr)	less than 0.9			
2	Minitiller( Diesel)	Brand/model	ISO Certified Minitiller, Model..... Engine model number: .....			
		General	General purpose minitiller for dry and wet tillage,with standard desgin having gross vehicle weight not less than 120kg			
		Engine	Single cylinder,Four stroke ,incline/vertical Forced air cooled system,Oil batch type filler, Diesel Engine, Maximum power not less than 4KW at rated speed .			
		Starting type	Recoil/ Electrical starter			
		Transmission system	Double cluth type, Gear drive( 1- Reverse, 2- Forward( both high and low) number of gears.			
		Displacement(ml(cu.in))	not less than 296CC			
		Tilling Depth	100mm or above			
		Tilling width	750mm or above			
		Fuel tank capacity	minimum 3.5 litres			
		Fuel Consumption (Litr/hr)	less than 1			
		air cleaner	oil bath type			
		Blades	minimum 32 pieces			
		Tyre	Standard size(4-8)			
		Colour	Standard			
3	Combined Mill	Make and model	any			
		General	Application in both milling of ceareals such as rice, wheat, millet and paddy, Gross wt not less than 85kg.			
		Power Source	not less than 2KW			
		Motor	100% copper			
		voltage and frequency of motor	220volt,50Hz			
		Seive size	at least 100*749mm			
		Seive Diameter	aperture : 1.2			
		Capacity	Rice mill: at least 80 kg/hr Grain grinder: at least 130kg/hr			
		Roller Speed	Rice mill-at least 1500rev/min Grain Grinder-5500rev/min			
		Roller Diameter: rice mill	40mm			
		Types	Disc/Hammer types			
		accessories	Electric wire along with Suitable MCB with switch			
4	Digital Balance	General	Digital display, weighing capacity at least 100 kg, non-corossive material, with user manuals			

प्रधानमंत्री कृषि आधुनिकीकरण एवं कृषि विकास कार्यक्रम

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5	Self propeller reaper	general	it is used for harvesting of paddy in wet and dry field. Having a self engine for its			
		engine model	Any			
		Engine power	not less than 4 ± 0.2KW			
		Engine Type	4-Stroke, Single Cylinder, Air Cooled, Disel			
		Engine Speed	minimum 2600 RPM			
		Fuel Tank Capacity	minimum 3.5L			
		Fuel consumption	550-700 ml/h			
		Starting System	Electric/Manual Starting (Recoil Type)			
		Cutting Height	minimum 40 mm			
		Cutting Width	minimum 1000mm			
6	Power Tiller	Weight	minimum 200kg			
		Make, Model and Brand	Any			
		Country of manufacturer	Any			
		Engine	Single cylinder, 4-stroke diesel engine			
			Direct combustion type			
			Specific fuel consumption around 244			
			Power output not less than 8.9 KW			
			Air cleaner oil bath type			
		Clutch	Multiple plates, Dry disc			
		Brakes	Hand operated dry brakes			
		No. of Gears	Forward-6, Reverse-2 (With high-low			
		Tilling width	Around 900 mm			
		Number of rotary tiller blades	minimum 18mm			
		Ground Clearance	minimum 185 mm			
		Cooling system	Water or condense cooled			
		Fuel Tank Capacity	Minimum 10 Liters			
		Lubrication System	Combined pressure and splashing type			
		Minimum turning radius	1.3 meter			
		Starting method	Manual or Electric			
7	Brush Cutter	Certification	Respective country verified certification			
		Color	Standard			
		Accessories	Toolbox			
		Warranty	Manufacturer shall provide warranty for at			
		Make ,model, Brand	any			
8	Chaft Cutter	Engine	4 stocke petrol engine : not less than 0.9KW, Displacement: Not less than 34 cc, air cooled.			
		Weight of machine	7.5kg-10kg			
		Fuel tank capacity	not less than 650ml			
		blade	Baffle type 3 blade with paddy guard.			
		Model	any			
		Feeding Type	Fully automatic conveyor belt feeding			
		Maximum Power				
		Electricity	Single Phase			
		Number of chopping blade	4			
		Weight	Not less than 42 kg			
		Working Efficiency	300-400 kg/hr			
		Voltage	220 V			
		Spindle Speed	2200 r/min			
9	Power sprayer	Coil Material	Copper Wire			
		Cutting Length	15-32 mm			
		Usage	Cuts wet & dry grass/straw for animal feed			
		Make,model, beand	any			
		Rated power	at least 0.7 KW			
		Fuel tank capacity	not less than 650ml			
		Displacement	not less than 30 cc			
		engine type	4 stocke-petrol			
10	Corn Sheller	suction volume	at least 9 ltr/min			
		Delivery pipe	at least 25 meter			
		Warranty	at least one years from the date of supply			
		Make and model	any			
		Power	at least 0.75 kw			
		Motor	copper Coil 100%			
		Capacity	600-700kg/hr			
		Shaft Speed	1680 r/min			
		Rotor Diameter	around 590mm			
		Tube	Single			



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11	Battery cum manual Sprayer (2in1)	tank capacity	At least 16 litter			
		Motor	12V motor powered diaphragm pump of speed 3300rpm, 12V,8AHr rechargeable,aluminum coated.			
		working pressure	at least 0.4 Mpa			
		Charger input:	100-240V AC,50Hz,			
		charge output	12V DC 1.5A			
		Spray flow	not less than 2100ml/min.			
		time of full charge	5 to 8hr			
12	Battery cum manual Sprayer (2in1)	Gross weight	at least 2.6kg			
		tank capacity	at least 16 litter			
		Motor	12V motor powered diaphragm pump of speed 3300rpm, 12V,8AHr rechargeable, Brass coated			
		working pressure	at least 0.45 Mpa			
		Charger input:	100-240V AC,50Hz,			
		charge output	13.5-13.8V,2.40A			
		Spray flow	not less than 2100ml/min.			
13	Petrol Engine Multicrop thresher	time of full charge	5 to 8hr			
		Gross weight	at least 6.5 kg			
		Battery weight	at least 2.2 kg			
		Engine	Single cylinder,Four stroke, incline/vertical Forced air cooled system,Oil batch type filler, Diesel Engine, Maximum power not less than 4KW at rated speed , Displacement Not less than 207cc.			
		Rotor Speed	not more than 850RPM			
		Roller Length	approx. 750 mm			
		Rotor Diameter	approx. 340 mm			
14	Disk Mill	Efficiency	not less than 550 Kg/H			
		Rotor Type	Acute Teeth			
		Gross Weight	approx. 80 Kg			
		Application	Paddy, wheat, and others			
		General	It used to crush various coarse grains and fodder, such as corn, soyabean, sorghum, dried sweet potato slice and soyabean cake.			
		Make, Model and Brand	any			
		Country of manufacturer	any			
15	Pellet Machine	Motor power	not less than 7.5KW			
		Motor speed	not less than 1450 rpm			
		Productivity (kg/hour)	not less than 450 kg/hr in case of corn			
		Dimension (L x W x H)mm	Around 1050 x 680 x 1325			
		Brand	Any			
		Useage	Domestic			
		operation	Powered			
		Power Source	Electric Motor			
		Power	4KW-5.5 KW			
			Copper motor			
		Volatge	220v/380v			
		Supply Phase	Single			
		Capacity	at least 60 kg/hr			

नेपाल सरकार  
कृषि तथा पशुपन्छी विकास मन्त्रालय  
प्रयोगशाला कृषि आधुनिकीकरण परियोजना  
परियोजना कार्यान्वयन एकाद, बुटवल  
कार्यालय बुटवल र सल्यान जिल्ला

*[Signature]*

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S.N.	Name of Machinery and Equipments	Name of implement with description	Required specification	Specification of proposed item	Price (Rs.)	Price in words
16	dipping tank	Material	Fiber Reinforced Plastic (FRP/GRP)			
		Dimensions	approx. 110" (Length) x 30" (Width) x 35" (Height)			
		Standards	ISO-compliant, food-grade material			
		Color	Customizable upon request			
		Features	Built-in ladder, waterproof, lightweight, UV-resistant, unbreakable			
			Easy to clean, stain-resistant, scratch-resistant			
		Applications	Treating goats, sheep, calves, and other small animals			
17	Paddle Thresher	Overall Dimension (L×W×H)	Approx. 750 × 630 × 665 mm			
		Weight	35-40 kg (approx.)			
		Number of Slat	approx. 11			
		Number of Wire Loops/Slat	approx. 13			
		Transmission System	Pedal crank mechanism			
		Capacity	35 kg/hr (approx.)			

माथी उल्लेख गरिएको विवरण कार्यालयले सूचनामा तोके अनुसारको Specifications का कृषि सामग्रीहरू उल्लेखित परिमाण र दरमा चालु आ.व. २०८१/८२ को अवधिभरको लागि आपूर्ति गर्न मञ्जुर छु/छैन। फरक परेमा कानुन बमोजिम सहला बुझाउला।

आपूर्तिकर्ताको विवरण

संस्था/फर्म/कम्पनीको नाम:

छाप:

अध्यक्ष/प्रोपाइटरको नाम:

दस्तखत:

मो.नं.

सामग्री संग विक्रेताले उपलब्ध गराउन सक्ने थप अन्य सुवीधाहरू भए छुट्टै पानामा उल्लेख गरी यसै प्रस्ताव साथ राखि पेश गर्ने।

संलग्न कागजातहरू

१. रु १० को टिकट टाँस गरेको शिलबन्दी दरभाउ पत्र आर्थिक प्रस्ताव। छ/छैन
२. संस्था दर्ताको प्रमाणपत्रको प्रतिलिपि। छ/छैन
३. संस्थको प्यान/भ्यट प्रमाण पत्रको प्रतिलिपि। छ/छैन
४. आधिकारिक एजेन्ट/विक्रेताको प्रमाण पत्रको प्रतिलिपि। छ/छैन
५. आ.व. २०८०/८१ को कर चुक्ता प्रमाण पत्रको प्रतिलिपि। छ/छैन
६. कृषि यन्त्र उपकरणको स्पेसिफिकेशन खुल्ने CATALOGUE LEAFLET छ/छैन
७. इन्जिन अपरेटिङ मेसिनहरूको इन्जिन test report र engine performance report बुझाउनु पर्ने। छ/छैन

