



नेपाल सरकार

कृषि तथा पशुपन्धी विकास मन्त्रालय
राष्ट्रिय कृषि आधुनिकीकरण कार्यक्रम
कार्यक्रम कार्यान्वयन एकाइ,
तम्घास, गुल्मी



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फोन नं: ०३१-४२०४४१, ०३१-४२१०१०
१८४७०७७४४१, १८४७०६७७६९
इमेल नं: pmamp.piu.gulmi@gmail.com
Website: piugulmi.pmamp.gov.np

तपसिल

S.N	Name Of Machine	Required Technical Specifications	Offered specification	Unit	Rate Include in figure(Vat)	Rate In words	Remarks
1	Diesel Mini Tiller small power category	<p>Make & model: Internationally test certified, Minitiller</p> <p>Engine: 4 stroke, single cylinder, forced air cooled, Diesel engine.</p> <p>Rated Power: 3 kw or more</p> <p>Engine Speed(RPM): 3600 or above</p> <p>Bore* Stroke (mm): 73*59± 5</p> <p>Transmission system: Friction wet type, Double clutch, no. of gear speed:2 forward & 1 reverse and neutral</p> <p>Model of transmission: Driven by gear system</p> <p>Number of rotor blades: 24 blades.</p> <p>Transportation wheel: Solid or Pneumatic tyre size (inch): 4.0:8</p> <p>Starting method: Manual or Recoil starting system</p> <p>Steering handle: Height adjustment provided.</p> <p>Weight (Kg): Gross weight 90-100 kg</p> <p>Width of cut(cm): 75 to 100</p> <p>Depth of cut(cm): 10 to 15</p> <p>Fuel tank capacity(liter): 2.5 to 3</p> <p>Air cleaner: Oil bath type</p> <p>Manual and documents: One set of operation / maintenance manual. Test report or any documents to verify the power of mini tiller.</p> <p>Accessories parts & tools: One set of tool box, MT filled with lubricant & Gear oil (Ready to use).</p> <p>Servicing: Two free servicing.</p> <p>Warranty: Supplier must provide minimum one year warranty for manufacturing defects</p>	Mini tiller model: Engine Model no.:	Set			

प्रमुख अधिकारी
विशाल शर्मा
सहायक अधिकारी



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2	Diesel Mini Tiller medium power category	<p>Make & model</p> <p>Engine</p> <p>Rated Power</p> <p>Engine Speed(RPM)</p> <p>Bore* Stroke (mm)</p> <p>Transmission system</p> <p>Model of transmission</p> <p>Number of rotor blades</p> <p>Transportation wheel</p> <p>Starting method</p> <p>Steering handle</p> <p>Weight (Kg)</p> <p>Width of cut(cm)</p> <p>Depth of cut(cm)</p> <p>Fuel tank capacity(liter)</p> <p>Air cleaner</p> <p>Manual and documents</p> <p>Accessories parts & tools</p> <p>Servicing</p> <p>Warranty</p>	<p>Internationally test certified, Minitiller</p> <p>4 stroke, single cylinder, forced air cooled, Diesel engine.</p> <p>4 kw or more</p> <p>3600 or above</p> <p>78*62± 5</p> <p>Friction wet type, Double clutch, no. of gear speed:2 forward & 1 reverse and neutral</p> <p>Driven by gear system</p> <p>32 blades.</p> <p>Solid or Pneumatic tyre size (inch): 4.0-8</p> <p>Manual or Recoil starting system</p> <p>Height adjustment provided.</p> <p>Gross weight 120-130 kg</p> <p>105 to 130</p> <p>10 to 15</p> <p>3.5 to 4</p> <p>Oil bath type</p> <p>Maintenance manual. Test report or any documents to verify the power of mini tiller.</p> <p>One set of tool box, MT filled with lubricant & Gear oil (Ready to use).</p> <p>Two free servicing.</p> <p>Supplier must provide minimum one year warranty for manufacturing defects</p>	Set			

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4	18 HP Power Tiller	Make & model	Internationally test certified, Powertiller	Powertiller tiller model:	Set			
		Engine type	Horizontal, 4 stroke, single cylinder, water cooled, Diesel engine.	Engine Model no.:				
		Max. Output Power	13.3 lkw or above (18 hp)					
		Fuel tank capacity	10 Ltr or more					
		Rated speed(r/min)	2200					
		Gear Shift	3 forward, 1 reverse and neutral					
		Combustion system	Direct Injection					
		Bore x stroke(mm)	105 x 115					
		Total Displacement(L)	≥0.906					
		Power Transmission	Belt Drive					
		Tyre Size	6.00-12					
		Tilling Width (mm)	≥900					
		Tilling Depth(mm)	100mm or more					
		Blades (Nos)	28 or more					
		Minimum Ground clearance	At least 185mm					
		Minimum turning radius	900mm or more (without rotavator)					
		Starting method	Hand cranking or Power start or Recoil start					
		Cooling system	Water Cooling					
		Lubrication method	Pressure/splash					
		Gross weight (kg)	About 515 kg					
		Manual and documents	One set of operation / maintenance manual. Test report or any documents to verify the power of power tiller.					
		Accessories parts & tools	One set of tool box, PT filled with lubricant & Gear oil (Ready to use).					
		Servicing	Two free servicing.					
		Warranty	Supplier must provide minimum one year warranty for manufacturing defets					

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5	Earth Auger	Make, Model and Brand Engine type Cooling type Power Starting System Rated engine speed Auger speed Blade Length Depth Auger bit size Fuel Tank Capacity Tools Set Proven Performance Warranty Catalogue/manual	Any Single cylinder, 2-stroke petrol engine Air-Cooled >=1.2kw Recoil or manual >=3600 rpm 110-300rpm >=80cm >=2.5 feet Different size: 4", 6", 8", 12" (100mm, 150mm, 200mm, 300mm) 1.25L±0.25L Needed The Pit Digger Offered must be current model manufacture for at least a 1 years. At least 1 year warranty after acceptance Operation manual should submit	Set			

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6	Chaff Cutter	<table border="1"><tr><td>Requirement</td><td>Offered Specification</td></tr><tr><td>General</td><td>Electric chaff cutter suitable for cutting the grass, straw, maize, stalk etc</td></tr><tr><td>Make</td><td>Any</td></tr><tr><td>Model</td><td>Any</td></tr><tr><td>Type</td><td>Standing type</td></tr><tr><td>No. of Blades</td><td>At least 2 blades</td></tr><tr><td>Blade Material</td><td>High carbon</td></tr><tr><td>Feeding Roller</td><td>3 rollers (8 inches)</td></tr><tr><td>Feeding Roller Material</td><td>Cast Iron</td></tr><tr><td>Wheel Diameter</td><td>700 mm</td></tr><tr><td>Wheel Material</td><td>Cast Iron</td></tr><tr><td>Power</td><td>2 Hp or more, Single phase Copper Motor, pulley suitable for V-belt</td></tr><tr><td>Motor Speed</td><td>1440 RPM</td></tr><tr><td>Capacity</td><td>500 kg/hr. (Depends upon the fodder type)</td></tr><tr><td>Length of chaff Cut</td><td>1-3cm</td></tr><tr><td>Body Material</td><td>Mild Steel</td></tr><tr><td>Color</td><td>Standard color</td></tr><tr><td>Weight</td><td>95-100 KG</td></tr><tr><td>Tools</td><td>One set of tool as required for general maintenance.</td></tr><tr><td>Warranty</td><td>Supplier must provide minimum one year warranty for manufacturing defects</td></tr></table>	Requirement	Offered Specification	General	Electric chaff cutter suitable for cutting the grass, straw, maize, stalk etc	Make	Any	Model	Any	Type	Standing type	No. of Blades	At least 2 blades	Blade Material	High carbon	Feeding Roller	3 rollers (8 inches)	Feeding Roller Material	Cast Iron	Wheel Diameter	700 mm	Wheel Material	Cast Iron	Power	2 Hp or more, Single phase Copper Motor, pulley suitable for V-belt	Motor Speed	1440 RPM	Capacity	500 kg/hr. (Depends upon the fodder type)	Length of chaff Cut	1-3cm	Body Material	Mild Steel	Color	Standard color	Weight	95-100 KG	Tools	One set of tool as required for general maintenance.	Warranty	Supplier must provide minimum one year warranty for manufacturing defects	Set			
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7	Coffee Pulper Machine	Make Any Model Any Reired power 2.2kw, single phase 220V, 50Hz, 1440r/min Peeling Rate >99% Broken Rate <0.5%-1% Dia of cylinder 145-155mm Vibrating screen Not less than 680*380*60mm Size Not less than 1000*400*1100mm Weight ≥120kg Speed of principal axis 460r/min Working Capacity(kg/hr) 600-800 Body Material Fully stainless steel Tools One set of tool as required for general maintenance. Warranty Supplier must provide minimum one year warranty for manufacturing defecis		Set			

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