

To,
Saptakoshi Nagarpalika
Office of Executive
Tulasi chok, Saptari

Job:- Technical Specification of Different Agricultural Machine

S.N.	Machinery name	Description		Remarks
		Technical Details		
1	Diesel Engine Mini Tiller (Hand Operated Power Tiller Cultivator)	Engine Power	7.5 hp	
		Calibration Speed	2200-3600 RPM	
		Working Width	3-6 Feet	
		Engine Type	4 Stroke	
		Fuel Tank Capacity	3-5 liter	
		Tilling Depth	150-300 mm	
		Tilling Breadth	1050-1350 mm	
		Fuel Type	Diesel	
		Star System	Recoil Starter/ E-Start	
		Productivity	More Than 600 m sq/hr	
		Power Transmission Typ	Gear/Belt	
2	Diesel Engine Power Tiller	Max.Engine Power	20 hp	
		Calibration Speed	2200 RPM	
		Working Width	3-6 Feet	
		Engine Type	4 Stroke	
		Fuel Tank Capacity	5-10 liter	
		Tilling Depth	950-1000 mm	
		cooling system	Water cooling	
		Fuel Type	Diesel	
		Star System	Recoil Starter/ E-Start	
		Productivity	More Than 1500 m sq/hr	
		Power Transmission Typ	Gear/Belt	
3	2 In 1 Electric Sprayer	Type	Chargeable Battery Power	
		Battery Capacity	12v/8ah	
		Charging Time	up to 6 hrs	
		Body Material	polytheen tank/HDPE	
		Motor capacity	4 lpm	
		Nozzle	both 4 and 8 holes	
		Approx dimension	40*190*555mm	
		Accessories	battery charge with led light	
		Working pressure	90 psi	
Tank Capacity	16 Liter			


Er. Manish Kumar Jha.
Mechanical Engineer
 -C, Registration No. 3050

4	Combined Mill(Combined Rice Mill cum Grain/Pulse Crusher)	Rated Power(Motor)	(3-5) HP,Single Phase,230V, 50 HZ,2800 RPM
		Chassis Construiction	Heavy Duty mild Steel(MS) or cast iron frame
		Hoppers	Double inlet configuration
		Rice Milling Assembly	Throughput Capacity (150-300)KG/Hr
			Spildle Speed (1250-1600) RPM
			High-Strength iron/steel hulling roller,adjustable pressure blade,durable mesh Screen filter.
		Crushing/Pulverizing assembly	Throughput Capacity (200-300)KG/Hr
			Spildle Speed (4500-5500) RPM
			Milling Mechanism; Interchangeable Disc mill(flat tooth plates)
			Output Finiteness; Controlled vai changeable perimeter Screens ranging from 0.6mm to 4 mm


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 Mechanical Engineer
 -C, Registration No. 3050