

### 3. Maize (Jab) planter

S.N.	Description	Required Specification	Offered Specification	Price (Rs.)
1.	General	Manually operated jab planter		
2.	Overall height	80-100 cm		
3.	Type	Dual barrel type		
4.	Seed Hopper Capacity	1-2 kg		
5.	Seed per hill	1-3 seeds, adjustable		
6.	Sowing depth	3-6 cm		

### 4. Corn Seeder

S.N.	Description	Required Specification	Offered specification	Price (Rs.)
1.	General	Roller type Hand Push Fertilizer seeder		
2.	Power	Manual		
3.	Mouth Number	Minimum 7 Fertilizer, 7 seed = 14 mouth/teeth		
4.	Sowing depth and Spacing	Sowing depth 3-6 cm, single row adjustable spacing of 15-40 cm,		
5.	Suitable seed	Corn, Chickpea, Soybean, peanut etc.		
6.	Suitable Fertilizer	Powder of solid Fertilizer use		
7.	Hole Seeding Rate	1-2 seeds (adjustable seeding hole)		
8.	Capacity	Not less than for 2 kg seed and 3 kg Fertilizer.		
10.	Weight and size	Standard		
11.	Warranty	Minimum of one-year warranty after purchase/ acceptance		

### 5. Sprayer

S.N.	Description	Required Specification	Offered Specification	Price including vat (Rs.)
1	Type	Backpack Electric and manual sprayer (two in one) rechargeable battery 12V, 8-9AH with charger		
2	Capacity	Not less than 16 litres		
3	Lance material	Brass or steel		
4	Pump Type	Manual and Electric piston pump		
5	Tank Material	UV-resistant polyethylene plastic		
6	Pressure	Adjustable pressure (0.2-0.45 mpa)		
7	Spray Range and flow	Minimum 5 meters and minimum 2 LPM flow		
8	Working time	Continuously for minimum 4 hrs		
9	Spray Patterns/Nozzles	Cone, fan, and jet		
10	Usage	Suitable for agricultural and garden use		
11	Additional Features	Pressure release valve for safety or auto cut off function, Adjustable padded shoulder straps		
12	Warranty	Minimum of one-year warranty after purchase/ acceptance		

### 6. Brush Cutter

S.N.	Description	Required Specification	Offered Specification	Price including vat (Rs.)
1.	General	Engine operated brush cutter		
2.	Engine Power and displacement	Rated power of 0.7-1.5KW, 30-42cc		
3.	Engine type	4 stroke, air cooled gasoline		
4.	Carburettor	Diaphragm type		
5.	Fuel tank capacity	500-1500 ml		
6.	Blades types	Adjustable 3-4 blades for various cutting needs		
7.	Additional features	Low noise and fuel efficient, back/side pack type, Easy pull-start system, Anti-vibration mounting frame		
8.	Net Weight	7-10 kg		
9.	Warranty	The supplier shall provide a minimum of one-year warranty after acceptance/purchase.		

### 7. Maize Sheller

S.N.	Description	Required Specification	Offered specification	Price (Rs.)
1.	Power Source	Electric (AC)		
2.	Voltage	220V		
3.	Motor Power	Motor power rating, 1.5 kW with copper coil that operate in single phase AC		
4.	Shaft speed	Minimum 1600 rev/min		
5.	Capacity	Minimum 1000 kg per hour		
6.	Cone Material	Food-grade stainless steel		
7.	Dimensions	Suitable for portable		
9.	Weight	20-30 kg		
10.	Features	Double Cone Design, Portable and Compact, Easy Loading and Unloading, Easy Maintenance		
11.	Warranty	Minimum of one-year warranty after purchase/ acceptance		

### 8. Reaper

S.N.	Description	Required Specification	Offered Specification	Price (Rs.)
1.	General	Self-propelled, walk behind type reaper for harvesting paddy and wheat in both wet and dry field.		
2.	Rated Power and engine displacement	Not less than 4 KW, minimum 212 cc, working capacity minimum 0.2 hec/hr		
3.	Engine type	4 stroke air cooled single cylinder diesel engine, gear belt T.S		
4.	Engine speed	Minimum 2600 RPM		
5.	Fuel tank capacity	Minimum 3 litre		
6.	Fuel consumption	700-1000 ml/hr		
7.	Starting system	Recoil type		
8.	Cutting width and height	3-10 cm, width 1-1.5m, working line 4		

	height		
9.	Crop placement	Right side	
10.	Transmission	Gear system: 2F, 1R	
11.	Weight	Minimum 230 kg	
12.	Warranty	The supplier shall provide a minimum of <b>one-year</b> warranty after acceptance/purchase.	

### 9. Earth auger

S.N.	Description	Required Specification	Offered Specification	Price including vat (Rs.)
1.	General	Engine operated earth auger for digging holes		
2.	Engine type	<b>2 stroke petrol engine</b>		
3.	Rated Power	<b>Minimum 1.4 Kw or 2 HP</b>		
4.	Engine displacement	<b>Minimum 52 cc</b>		
5.	Fuel tank capacity and consumption	Minimum 1.2 litre, 700-1000 ml/hr		
6.	Working depth and width	Minimum 2 ft and 4"		
7.	Auger bits	<b>Including 2 bits of 6" and 8"</b>		
9.	Weight	12-18 kg		
10.	Warranty	The supplier shall provide a minimum of <b>one-year</b> warranty after acceptance/purchase.		

### 10. Mini Tiller Diesel

S.N.	Description	Required Specification	Offered Specification	Price (Rs.)
1	General	ISO certified Power weeder for paddy, wheat, potato and other suitable crop.		
2	Engine	<b>Single cylinder, 4 stroke, Forced air cooled Diesel engine with oil bath type filter, rated power of not less than 4.5 kW at 3600 rpm, Direct Injection</b>		
3	Engine displacement	<b>not less than 296 cc</b>		
4	Starting type	Recoil/ Electrical starter		
5	Tilling Depth	Up to 150mm±50mm		
6	Tiller Breadth	Up to 1350 mm±150 mm		
7	Gearshift Speed	<b>2 F and 1 R Gear</b>		
8	Blades	<b>Minimum 32pcs</b>		
9	Fuel tank	<b>Minimum 3 litre</b>		
10	Handle	360 degree adjustable		
11	Fender	2 pcs		
12	Tyre/ Wheel	Not smaller than 4.00-8, tube less		



13	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.		
14	Tools	A set of tools with a toolbox as required for general maintenance shall be supplied.		
15	Fuel, lubricants and spare parts	The supplier shall provide the machine with all required fuel (3 litre -diesel), gear oil and lubricants with one set of air filter, one set of clutch wire and one set of Accelerator wire for operation, servicing and maintenance purpose.		
16	Weight	Not less than 115 kg		
17	Warranty	The supplier shall provide a minimum of <b>one-year</b> warranty after acceptance/purchase.		

#### 11. Mini Tiller petrol

S.N.	Description	Required Specification	Offered Specification	Price (Rs.)
1	General	ISO certified Petrol Self-propelled weeder suitable for paddy, wheat, potato for tilling operation.		
2	Engine	Single cylinder, 4 stroke Forced air cooled, Petrol engine with oil batch type filter, rated power of not less than 4.2 kW at 3600 rpm		
3	Engine displacement	not less than 208 cc		
4	Fuel Type	Petrol		
5	Fuel Tank	Not less than 2.5 litre		
6	Starting type	Recoil/ Electrical starter		
7	Transmission Type	Gear type (2F, 1 R)		
8	Tilling Depth	Greater than 150 mm and width 750 mm above		
9	Weight	Not less than 90 kg		
10	Wheel size	Not smaller than 4.00-8, solid rubber, tubeless		
11	Blades	3 gang of 4 blades on each shaft (Not less than 24 in two shaft)		
12	Manuals	One copy of the Operator's and Owner's Instructions in English shall be supplied with each vehicle.		
13	Tools	A set of tools as required for general maintenance shall be supplied.		
14	Fuel, lubricants and spare parts	The supplier shall provide the machine with all required fuel (3 litre -Petrol), gear oil and lubricants with one set of air filter, one set of clutch wire and one set of Accelerator wire for operation, servicing and maintenance purpose.		
15	Warranty	The supplier shall provide a minimum of <b>one-year</b> warranty after acceptance/ purchase.		

