



H.P. Forest Department
INTEGRATED DEVELOPMENT PROJECT (IDP)



For
Source Sustainability And Climate Resilient Rain-fed
Agriculture District Project Officer, IDP Mandi H.P
Contact No email-dpoidpblp@gmail.com

No: 2/2025-26

Dated 13.05.2024

Himachal Pradesh Integrated Development Project (HPIDP) has received a Loan from the World Bank and is inviting a request from potential suppliers for submission of price list from supply of various item under Matching Grant Scheme, as listed below. The items shall conform to the specifications listed in the advertisement and suppliers shall be expected to hold their prices valid until 30 days from the deadline indicated in this notice. Interested suppliers may also visit project website at www.hpdp.org and /or can get the details from DPO (IDP Score road Mandi) office and should submit the item wise price list to DPO Mandi by **Dated 22nd May, 2025 at 11.30 AM**. The Supplier must have a GST number and shall submit their price list in the format attached.

Sr No.	Name of Goods / Items	Specification
1.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close spaced crops Coverage area: 1 bigha Spacing: 2.5m x 0.6m (Lateral x Dripper)
2.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close space drops Coverage area: 1 bigha Spacing: 1.2m x 0.6m (Lateral x Dripper)
3.	Sprinkler Irrigation system	Type: Sprinkler set for portable sprinkler irrigation system Coverage area: 1 bigha
4.	Power Tiller (below 8 BHP)	Type: Below 8 HP with cage wheel, standard outstand accessories.
5.	Power Weeder (Below 2 BHP)	Type: Self Propelled Engine operated power Weeder. Power Source: Below 2 HP. Fuel: Petrol/Diesel
6.	Reaper-cum-binder	Type: Reaper binder attached with 7 hp diesel engine suitable for harvesting wheat and rice. Working capacity: 6 katha/hour and cutting width.
7.	Knapsack Spray Pumps (Manually)	Type: Manual Hand compression Knapsack Spray Tank capacity (ltr): 13-16 Pressure chamber made of brass Spray Lance made of crassor stainless-steel.
8.	Knapsack Spray Pumps (Power-operated)	Type: Petrol engine operated power knapsacks prayer Tank capacity (ltr): 13-16 Pressure chamber made of brass Spray Lance made of crassor stainless-steel.
9.	Knapsack Spray Pumps (Battery-operated)	Type: Battery operated power knapsacks prayer Tank capacity (ltr): 13-16 Pressure chamber made of brass Spray Lance made of crasser stainless steel.
10.	Seed treating drum	Type: Manually operated Size: 600 x 350 mm. Shape: Cylindrical Body Material: Mild Steel Product Weight: 25 kg
11.	Poly Tunnels	Size: 3.6 M ³ Sheet: 150 Micron (mu)/600 Gauge
12.	Vegetable Crates	Weight: 1.5 kg (min.) Dimensions: 542 L x 360 W x 390 H (OD) (+/- 0.25 to 0.5%)

13.	Kilta Baskets	Type: Made of virgin polymer. Height: Outer dimension 660mm- 670mm, inner dimension 650mm- 660mm (minimum). Diameter: Top outer 530mm-540mm, top inner 500mm-510mm. Diameter: Bottom (minimum) outer 290mm-300mm, bottom inner 280mm-300mm (minimum). Safe for carry in fruit/vegetables.
14.	Seedling Trays (50/75/90 Cavities)	Type: Seedling tray with 50/75/90 Cavities, plastic tray easy to clean. Suitable for growing vegetable seedlings
15.	Mulching 'sheets	Type: UV stabilized polyethylene films for mulching sheets Thickness: 100 micron Colour: Black and white Breadth: 120cm
16.	Winnowing Fan	Type: Power operated Winnowing fan with aluminum blade, pulley, switch, wire, plugin, protective grill fitted Power Source: 0.5 HP electric motor
17.	Maize Sheller	Type: Power operated maize sheller fitted with single phase electric motor. Power Source: 1.0-2.2 Kw Shelling efficiency (%): 95 or more
18.	Solar Pump	Pressure: High-pressure Installation Type: Freestanding Monotypic Power: 1 HP Temperature: 50 Degree
19.	Drum Seeder	Power Source: Hand Operated Row to Row Spacing: 200 mm Number of Rows: 4 Rows Diameter of the Seed Metering Hole: 9mm
20.	Brush Cutter	Type: Self-propelled electric power weeder Engine: Petrol Power Source: 1 to 2 HP
21.	Brush Cutter	Type: Rush cutters/slasher four stroke petrol engine, Power Source: 1 to 2.0 HP
22.	All types of Solar Driers (for all Type of horticulture/food grain/oil seeds crops) with floor area of about 400 to 1000 sq. feet.	Solar batch driers suitable for drying type of horticulture/food grain/oil seeds crops. Drying type: Direct heating capacity per batch with 5 separate cabinets Max temperature 65 degree and min 5 degree Celsius. Inner wall casing is made of SS or aluminium sheet with wooden frame. Tray with aluminum wire.
23.	Pheromone traps	Insect Type: Fruit Fly Trap Material: Plastic Pest Control Type: Pheromone
24.	Sticky traps	Insect Type: Houseflies, Moths Material: Plastic Pest Control Type: Pheromone Dimensions: 6x8 inch Colour: Yellow
25.	Solar light traps	Insect Type: Moth Material: Plastic Pest Control Type: Light Colour: Yellow
26.	HDPE Vermi beds	Material: HDPE Dimensions: 12ft x 4ft x 2ft
27.	Tarpaulin	Material: HDPE Thickness: 200 GSM Dimensions: 15ft x 18ft
28.	Manually Operated Tool Kit	Items included Hand brake, Shovel, Spade, Sickle, Pickaxe, Weeds lasher, Khurpi, *Item depending upon the farmer equipment.
29.	HDPE Pipes for irrigation	Nominal Outside Diameter (D) IS: 14151:2008 19 mm, 13 mm, 25 mm, 38 mm, 50 mm
30.	Hose Pipe	Nominal Outside Diameter (D) IS: 14151:2008 19 mm, 13 mm
31.	Manual/Electric Chaff Cutter (1-2 HP	1- 2 HP electric motor (ISI Mark) along with pulley and wheel belt, Wt. (approx.) – 80 Kg. • Mild Steel Handle with Wooden Grip, Diameter 15 mm, total length 500 mm, length of wooden grip 430-450mm.

	Manual Chaff Cutter	<ul style="list-style-type: none"> • Cutting Blades 2 to 3 Nos made from carbon Steel, which are adjustable. • Cutting Assembly – 2 Nos, cutting mouth made from cast iron. • Fly Wheel of V-Belt type 750-800 diameter, width 25mm with a circular hole of 10mm at the center to connect it to main shaft. • Worm gears should be 2 in number • Feed Rollers - 2 in number with length 207mm and diameter 85mm. Feeding roller made from cast iron. • Feeding trough should be attached on rear of shear plate with detachable provision. • Chaff Cutting Capacity -: <ul style="list-style-type: none"> o Electric – 200 to 250 Kg per hour • All the rotating parts should be covered by safety guards. <p>Manual Chaff Cutter Mild Steel Handle with Wooden Grip, Diameter 15 mm, total length 500 mm, length of wooden grip 430-450mm</p> <ul style="list-style-type: none"> • Fly Wheel of 840-900mm diameter, width 75mm, with a circular hole of 10mm at the center to connect it to main shaft • Worm gears should be 2 in number, one located at upper side and one at lower side of worm. • Feed Rollers should be 2 in number with length 207mm and diameter 85mm. • Feeding trough should be attached on rear of shear plate with detachable provision. Half of the trough shall be covered for safety. • Stand should consist of four legs; leg support may be detachable. • Chaff Cutting Capacity -: <ul style="list-style-type: none"> Manual – 100 to 150 Kg per Hour.
32	Mini Rice Mill	<p>Type: Mini rice mill With Pre-Cleaner & Elevator,</p> <p>Power: 5-10 Hp</p> <p>Quantity: 2.0-5.0 q of paddy/hour</p>
33	Mimi Dal Mill	<p>Capacity in single operation (Kg/hr): 80 or more.</p> <p>Power Source: 2hp, (IHP+ 1 HP motors)</p> <p>Capacity: 125 kg/hour</p>
34	Oil Mill with filter press (for all types of horticulture/ food grain/oilseed crops)	<p>Type: Mini oil Expeller for oilseed crop with filter press and oil pump including installation and commissioning on turnkey basis.</p> <p>Capacity (kg/hr): 30-50</p> <p>Size of filter press: 12" x 12" x 12" plates</p> <p>Power requirement (kw): 5-7.5</p> <p>Fitted with electric motor including starter, panel board, foundation bolts etc.</p>
35	Extractor(for All type)	<p>Material: Stainless steel</p> <p>Power: 2 HP and 1400 RPM</p> <p>Components: Water pump, starter, sieves for different seeds, seed collection tub</p> <p>Suitable for: Wet extraction</p>
36	Pomegranate Aril Extractor	<p>Type: Pomegranate arils are passed through fine pulping screen 0.8 mm perforation Pulp/Pure juice discharge through discharge chute</p>

		<p>outlet.</p> <p>Electrical Power: 2 HP</p>
37	Vacuum dehydration unit	<p>Suction Pump: Motorized Gear Type</p> <p>Capacity: 10 liter/minute suitable for the system</p> <p>Degassing Chamber Capacity: 80 Liter, MS</p> <p>Thickness: 3 mm, Suitable for work under vacuum conditions, side glass to be provided.</p> <p>Vacuum Pump: 100 LPM</p> <p>Suitable Heating arrangement 6 KW to heat oil under vacuum condition. Temperature controller to ensure controlled heating as per set temperature.</p> <p>Delivery Pump- Electric motor (0.5 H.P.3 phase) operated Gear pump,</p> <p>Capacity: 12 LPM, control panel required for operating the Water Dehydration unit.</p>
38	Packing Machines	<p>Automation Grade: Automatic</p> <p>Filing Type: Cup Filler</p> <p>Power: 3 kW</p> <p>Sealing Type: Center Seal Usage</p> <p>Machine Capacity: 30 Pouches/min</p> <p>Pouch Capacity: 10-50 grams Frequency: 50-60 Hz</p> <p>Voltage: 220 V</p> <p>Power Source: Electric</p>
39	Steam Boiler	<p>Material: Stainless Steel</p> <p>Capacity: 800kg/hr</p> <p>Working pressure: 10 kg/cm²</p> <p>Machine Type: Semi-Automatic</p> <p>Phase: 3 Phase</p> <p>Voltage: 220-318 V</p> <p>Usage/Application: Milk Industry, Food Processing Industry</p> <p>Heating Power: 12-14 kW</p>

		Frequency: 50-60 Hz
40	All types of Washing	Type: Continuous type Capacity: 500 Kg/hr Power: 1800 watt Technology: Bubble Washing Suitable for: Any types of fruits and vegetables Automation Grade: Semi-Automatic Voltage: 220-240V/50HZ Frame: Stainless steel
41	Spices Grinder	Power Consumption: 2h.P-50 H.P Material: Mild Steel & Stainless Steel Capacity: 20kg-400kg Per Hour Type: Fully Automatic Power: AC Voltage: 220 Volt/440 Volt Weight: 100kg-4ton Driven Type: Motor & Pulley Motor Type: Single Phase Or Three Phase
42	Cleaner-cum-Grader	Capacity: 1-3 TPH Type: Semi-Automatic Power Source: Electric Voltage: 220-240V
43	All type of cleaner cum-Grader/Gravity separator	Operation Mode: Automatic Electricity Connection: Three Phase Motor Power: 8.5 HP Deck: 10 x 4 x 6 feet Capacity: 2 ton/hour Number of Fans: Five Fan with AC Drive
44	Gradient separator	Capacity: 1 TPH

		Number Of Drum: single separator Power Source: Electric Surface Treatment: Paint Coated
45	All types of Power driven DE husker	Capacity: 70kg/hr Electricity: 1kwh Single phase Power: 2 HP
46	Rotavator	Type: Tractor drawn, multispeed and side transmission Gear box. Number of blades: 16-36 Working width: 3-4 ft Power Source: Tractor (15-30 HP)
47	Potato Digger	Type: Tractor PTO operated Potato Digger elevator. Power Source: Tractor (35-45 PTO HP)
48	Tractor Drawn Reaper	Type: Tractor front mounted or rear (offset type) mounted vertical reaper for harvesting and windrowing of paddy. Power Source: Tractor (35-45 PTO HP)
49	Zero Till Seed Cum Fertilizer Drill	Type: Tractor drawn. Power Source: Tractor (35-45 PTO HP). No. Of rows: 9/11/13
50	Pneumatic Planter	Type: Tractor mounted Pneumatic multi crop planter to plant seeds of maize, mustard, ground-nut etc. Power Source: Tractor (25-45 PTO HP). No. of rows: 4/5/6
51	Plastic Mulch Laying Machine	Type: Self propelled
52	Mulching Sheet	Type: UV stabilized polyethylene films for mulching Thickness: 100 micron Colour: Black and white Breadth: 120 cm
53	Plastic Mulch Laying Machine	Type: Tractor operated Plastic, Mulch Laying Machine, Power source: 35 HP minimum

		Weight: 310 Kg
54	Thresher	Type: Tractor PTO operated multi crop thresher for pulses, wheat, and mustard etc. Mounted on chassis with pneumatic wheels. Grain Loss: 0-5% Power Source: Tractor (25-45 PTO HP).
55	Disc/MB plough	Type: Single bottom fixed Power Source: 35Hp minimum Weight: 150 Kg
56	Cultivator	Type: Tractor drawn spring loaded cultivator, having iron frame and shovels. Standard 3-point linkage system. No. Of tynes: 6 Working width: 72 inches (approximate) Power Source: Tractor (25-35 HP)
57	Tractor Drawn Disc Harrow	Type: Disc harrow offset type. Disc blade: 7/ gang, each having 2 Nos of standard bearing hubs. Blade material: high carbon steel Hitching system: 3 point. Power Source:40-55 HP
58	Leveller blade	Type: Land Leveller / Leveller Blade having 3 point hydraulic linkage Power Source: Tractor (25-45 PTO HP)
59	Furrow Opener	Type: Furrow Opener / Ridger having 3 furrow Material: Made of 10 gauge sheet Power Source: 35hp minimum Weight: 175 Kg
60	Reversible Mechanical Plough	Type of hitch attachment/Linkage: 3-point linkage 3-point linkage T Tractor power: required 35 hp to 40 hp Type MB Plough: Reversible type Mould Board used: Slat Mould Board Number of MB plough attached to Beam:2

		<p>Working Depth control mechanism: Hydraulic</p> <p>Beam rotation control mechanism: Mechanical</p> <p>Working depth in inch:10</p>
61	Strip Till Drill	<p>Seed metering mechanism: External fluted seed rollers.</p> <p>Fertilizer metering mechanism:</p> <p>Gravity type with adjustable orifices & agitators.</p> <p>Power transmission: Chain and Sprocket drive.</p> <p>Furrow Opener: Invertors/reversible</p> <p>Number of flanges on the rotary: 9</p> <p>Number of blades on each flanges:6 or more (adjustable)</p> <p>Opening width of blade (mm): 75</p> <p>Number of furrow opener: 11 (Adjustable)</p> <p>Seed and fertilizer box separate: Partition</p> <p>Source of power (hp/kW):35 HP or above tractor mounted</p>
62	Seed cum Fertilizer Drill	<p>Type: 5-6 types Rigid</p> <p>Power Source: 22 HP-35 HP minimum</p> <p>Weight: 90-140 Kg</p>
63	Turbo seeder	<p>Power source: 44-55 HP tractor with double clutch,</p> <p>Hitch Type: 3-point linkage (two lower & one upper)</p> <p>Row to row distance (minimum): 22.5 (20 to 22 cm)</p>
64	Ridge Furrow Planter	
65	Happy Seeder	<p>Power source: 44-55 HP tractor with double clutch,</p> <p>Hitch Type: 3-point linkage (two lower & one upper)</p> <p>Row to row distance (minimum): 22.5 (20 to 22 cm)</p> <p>Number of row: 09-11 row (Adjustable)</p> <p>Type of furrow openers: Inverted T- type furrow opener.</p> <p>Rotor RPM: 1360 rpm at 540 rpm of tractor PTO</p> <p>Types of flail blades: Reversible straight gamma type.</p> <p>Minimum diameter of ground wheel: 550 mm or above</p>

		Seed hopper for seeds: 190 to 200 cm long and 23-25 cm deep (approx.)
66	Solar fencing	<p>Maximum distance between 2 support posts 10 Mts.</p> <p>Maximum Distance between 2 intermediate posts-5 Mts.</p> <p>Maximum Distance between 2 Angle Iron Posts between two intermediated Posts-5 Mts.</p> <p>No. of strands -3 & 5 wires in vertical</p> <p>Height of fence above the ground-1.85m</p> <p>Total Pole Height (Above+ Below Ground level: -2.45m.</p> <p>Spacing between two rows (Minimum 0.15m to maximum 0.30 m depend upon the type of animals in the areas).</p> <p>Provision for gates to be decided on site after visit of field Energizer capacity - 1 Energizer be installed with built in alarm system at every 2.5Km.</p> <p>System should ensure shock ability at the beginning and end of the fence. The ground to earth voltage must be not more than 200 volts.</p> <p>The supplier should provide operation and maintenance manual which should contain details about the solar power fencing: Clear instructions about the maintenance and troubleshooting, DO's and DONTs, relevant details and drawings for regular maintenance.</p> <p>The relevant test reports of the items, if available may also be enclosed.</p> <p>In case of composite fencing the height of G.L. Wire Mesh and angle iron should be 1.20m as per demand of farmer</p>
67	Barbed Wire with U-nails Staples' for fencing	<p>Galvanized Steel Barbed Wire for fencing (ISI marked) Coated as per IS : 4826_1978 12x14 SWG, 2 strands with 4 barbs 3" to 4', apaft without wooden spools conforming to ISI specification No 276 -1976 (Resffirmed 2001) (with the Latest amendments) The Wire Size should be hot dipped galvanized coating as per. Mass of zinc coating as per IS -4226-1979</p> <p>U-Nails Stapples for fencing the barbed wire of 4.064 mm.(8 SWG)Hot Dipped galvanized coating IS; 4826-1968 (with latest amendments)</p>

Note: - The suppliers should send the list of indicative prices on their letter head pad)

*Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

Normal commercial warranty/guarantee shall be application to the supplied goods.

District Project Officer,
Integrated Development Project,
Mandi (HP).

Endst)No. 289-92

Copy is forwarded to: -

Dated, the/ 13/05/2025

1. Addl.Pr. CCF-cum-Chief Project Director (IDP), Solan, HP for favour of information and n/action please.
2. All APOs for favour of information and wide publicity. They are directed to paste the above Notice in the prominent places.

District Project Officer,
Integrated Development Project,
Mandi (HP).

Format of Quotation - E5

Sr No.	Name of Goods / Items	Specification	Unit	Rate per unit including all taxes
1.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close spaced crops Coverage area: 1 bigha Spacing: 2.5m x 0.6m (Lateral x Dripper)		
2.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close space drops Coverage area: 1 bigha Spacing: 1.2m x 0.6m (Lateral x Dripper)		
3.	Sprinkler Irrigation system	Type: Sprinkler set for portable sprinkler irrigation system Coverage area: 1 bigha		
4.	Power Tiller (below 8 BHP)	Type: Below 8 HP with cage wheel, standard outstand accessories.		
5.	Power Weeder (Below 2 BHP)	Type: Self Propelled Engine operated power Weeder. Power Source: Below 2 HP. Fuel: Petrol/Diesel		
6.	Reaper-cum-binder	Type: Reaper binder attached with 7 hp diesel engine suitable for harvesting wheat and rice. Working capacity: 6 katha/hour and cutting width.		
7.	Knapsack Spray Pumps (Manually)	Type: Manual Hand compression Knapsack Spray Tank capacity (ltr): 13-16 Pressure chamber made of brass Spray Lance made of brass or stainless-steel.		
8.	Knapsack Spray Pumps (Power-operated)	Type: Petrol engine operated power knapsack sprayer Tank capacity (ltr): 13-16 Pressure chamber made of brass Spray Lance made of brass or stainless-steel.		
9.	Knapsack Spray Pumps (Battery-operated)	Type: Battery operated power knapsack sprayer Tank capacity (ltr): 13-16 Pressure chamber made of brass Spray Lance made of brass or stainless steel.		
10.	Seed treating drum	Type: Manually operated Size: 600 x 350 mm. Shape: Cylindrical Body Material: Mild Steel Product Weight: 25 kg		
11.	Poly Tunnels	Size: 3.6 M ³ Sheet: 150 Micron (mu)/600 Gauge		
12.	Vegetable Crates	Weight: 1.5 kg (min.) Dimensions: 542 L x 360 W x 390 H (OD) (+/- 0.25 to 0.5%)		
13.	Kilta Baskets	Type: Made of virgin polymer. Height: Outer dimension 660 mm - 670 mm, inner dimension 650 mm - 660 mm (minimum). Diameter: Top outer 530 mm - 540 mm, top inner 500 mm - 510 mm. Diameter: Bottom (minimum) outer 290 mm - 300 mm, bottom inner 280 mm - 300 mm (minimum). Safe for carry in fruit/vegetables.		
14.	Seedling Trays (50/75/90 Cavities)	Type: Seedling tray with 50/75/90 Cavities, plastic tray easy to clean. Suitable for growing vegetable seedlings		
		Type: UV stabilized polyethylene films for mulching sheets		

15.	Mulching 'sheets	Thickness:100micron Colour: Black and white Breadth:120cm		
16.	Winnowing Fan	Type: Power operated Winnowing fan with aluminum blade, pulley, switch, wire, plugin, protective grill fitted PowerSource:0.5HPelectricmotor		
17.	Maize Sheller	Type: Power operated maize sheller fitted with single phase electric motor. PowerSource:1.0-2.2Kw Shelling efficiency (%):95ormore		
18.	Solar Pump	Pressure: High-pressure Installation Type: Freestanding Monotypic Power:1HP Temperature:50Degree		
19.	Drum Seeder	Power Source: Hand Operated Row to Row Spacing: 200 mm NumberofRows:4Rows DiameteroftheSeedMeteringHole:9mm		
20.	Brush Cutter	Type: Self prop electrowon power weeder Engine: Petrol PowerSource:1to2HP		
21.	Brush Cutter	Type: Rushcutters/slasher four strokepetrolengine, PowerSource:1to2.0HP		
22.	All types of Solar Driers (for all Type of horticulture /foodgrain/oilseeds crops) with floor area of about 400 to 1000 sq. feet.	Solar batch driers suitable for drying type of horticulture/food grain/oil seeds crops. Drying type: Direct heating capacity per batch with 5 separate cabinets Max temperature 65 degree and min 5 degree Celsius. Inner wall casing is made of SS or aluminium sheet with wooden frame. Tray with aluminum wire.		
23.	Pheromone traps	Insect Type: Fruit Fly Trap Material: Plastic Pest Control Type: Pheromone		
24.	Sticky traps	Insect Type: House flies, Moths Material: Plastic Pest Control Type: Pheromone Dimensions: 6x8 inch Colour: Yellow		
25.	Solar light traps	Insect Type: Moth Material: Plastic Pest Control Type: Light Colour: Yellow		
26.	HDPE Vermi beds	Material: HDPE Dimensions: 12ftx4ftx2ft		
27.	Tarpaulin	Material: HDPE Thickness: 200 GSM Dimensions: 15ftX18ft		
28.	Manually Operated Tool Kit	Items included Hand brake, Shovel, Spade, Sickle, Pickaxe, Weeds lasher, Khurpi, *Item depending up on the farmer equipment.		
29.	HDPE Pipes for irrigation	Nominal Outside Diameter (D) IS: 14151:2008 19 mm, 13 mm, 25 mm, 38 mm, 50 mm		
30.	Hose Pipe	Nominal Outside Diameter (D) IS: 14151:2008 19 mm, 13 mm		
31.	Manual/Electric Chaff Cutter (1-2 HP	1- 2 HP electric motor (ISI Mark) along with pulley and wheel belt, Wt. (approx.) – 80 Kg.		

	Manual Chaff Cutter	<ul style="list-style-type: none"> • Mild Steel Handle with Wooden Grip, Diameter 15 mm, total length 500 mm, length of wooden grip 430-450mm. • Cutting Blades 2 to 3 Nos made from carbon Steel, which are adjustable. • Cutting Assembly – 2 Nos, cutting mouth made from cast iron. • Fly Wheel of V-Belt type 750-800 diameter, width 25mm with a circular hole of 10mm at the center to connect it to main shaft. • Worm gears should be 2 in number • Feed Rollers - 2 in number with length 207mm and diameter 85mm. Feeding roller made from cast iron. • Feeding trough should be attached on rear of shear plate with detachable provision. • Chaff Cutting Capacity -: <ul style="list-style-type: none"> o Electric – 200 to 250 Kg per hour • All the rotating parts should be covered by safety guards. <p>Manual Chaff Cutter Mild Steel Handle with Wooden Grip, Diameter 15 mm, total length 500 mm, length of wooden grip 430-450mm</p> <ul style="list-style-type: none"> • Fly Wheel of 840-900mm diameter, width 75mm, with a circular hole of 10mm at the center to connect it to main shaft • Worm gears should be 2 in number, one located at upper side and one at lower side of worm. • Feed Rollers should be 2 in number with length 207mm and diameter 85mm. • Feeding trough should be attached on rear of shear plate with detachable provision. Half of the trough shall be covered for safety. • Stand should consist of four legs; leg support may be detachable. • Chaff Cutting Capacity -: <ul style="list-style-type: none"> Manual – 100 to 150 Kg per Hour. 		
32	Mini Rice Mill	Type: Mini rice mill With Pre-Cleaner & Elevator, Power: 5-10 Hp Quantity: 2.0-5.0 q of paddy/hour		
33	Mimi Dal Mill	Capacity in single operation (Kg/hr): 80 or more. Power Source: 2hp, (IHP+ 1 HP motors) Capacity: 125 kg/hour		
34	Oil Mill with filter press (for all types of horticulture/ food grain/oilseed crops)	Type: Mini oil Expeller for oilseed crop with filter press and oil pump including installation and commissioning on turnkey basis. Capacity (kg/hr): 30-50 Size of filter press: 12" x 12" x 12" plates Power requirement (kw): 5-7.5 Fitted with electric motor including starter, panel board, foundation bolts etc.		
35	Vegetable (for All types)	Material: Stainless steel Power: 2 HP and 1400 RPM Components: Water pump, starter, sieves for different seeds, seed collection tub Suitable for: Wet extraction		
36	Pomegranate Aril Extractor	Type: Pomegranate arils are passed through fine pulping screen 0.8 mm perforation Pulp/Pure juice discharge through discharge chute outlet.		

		Electrical Power: 2 HP		
37	Vacuum dehydration unit	<p>Suction Pump: Motorized Gear Type Capacity: 10 liter/minute suitable for the system Degassing Chamber Capacity: 80 Liter, MS Thickness: 3 mm, Suitable for work under vacuum conditions, side glass to be provided. Vacuum Pump: 100 LPM Suitable Heating arrangement 6 KW to heat oil under vacuum condition. Temperature controller to ensure controlled heating as per set temperature. Delivery Pump- Electric motor (0.5 H.P.3 phase) operated Gear pump, Capacity: 12 LPM, control panel required for operating the Water Dehydration unit.</p>		
38	Packing Machines	<p>Automation Grade: Automatic Filing Type: Cup Filler Power: 3 kW Sealing Type: Center Seal Usage Machine Capacity: 30 Pouches/min Pouch Capacity: 10-50 grams Frequency: 50-60 Hz Voltage: 220 V Power Source: Electric</p>		
39	Steam Boiler	<p>Material: Stainless Steel Capacity: 800kg/hr Working pressure: 10 kg/cm² Machine Type: Semi-Automatic Phase: 3 Phase Voltage: 220-318 V Usage/Application: Milk Industry, Food Processing Industry Heating Power: 12-14 kW Frequency: 50-60 Hz</p>		
40	All types of Washing	<p>Type: Continuous type Capacity: 500 Kg/hr Power: 1800 watt Technology: Bubble Washing Suitable for: Any types of fruits and vegetables Automation Grade: Semi-Automatic Voltage: 220-240V/50HZ Frame: Stainless steel</p>		
41	Spices Grinder	<p>Power Consumption: 2h.P-50 H.P Material: Mild Steel & Stainless Steel Capacity: 20kg-400kg Per Hour Type: Fully Automatic Power: AC Voltage: 220 Volt/440 Volt Weight: 100kg-4ton Driven Type: Motor & Pulley Motor Type: Single Phase Or Three Phase</p>		
42	Cleaner-cum-Grader	<p>Capacity: 1-3 TPH Type: Semi-Automatic Power Source: Electric Voltage: 220-240V</p>		
43	All types of cleaner cum-Grader/Gravity separator	<p>Operation Mode: Automatic Electricity Connection: Three Phase Motor Power: 8.5 HP Deck: 10 x 4 x 6 feet Capacity: 2 ton/hour Number of Fans: Five Fan with AC Drive</p>		

44	Gradient separator	Capacity: 1 TPH Number Of Drum: single separator Power Source: Electric Surface Treatment: Paint Coated		
45	All types of Power driven DE husker	Capacity: 70kg/hr Electricity: 1kwh Single phase Power: 2 HP		
46	Rotavator	Type: Tractor drawn, multispeed and side transmission Gear box. Number of blades: 16-36 Working width: 3-4 ft Power Source: Tractor (15-30 HP)		
47	Potato Digger	Type: Tractor PTO operated Potato Digger elevator. Power Source: Tractor (35-45 PTO HP)		
48	Tractor Drawn Reaper	Type: Tractor front mounted or rear (offset type) mounted vertical reaper for harvesting and windrowing of paddy. Power Source: Tractor (35-45 PTO HP)		
49	Zero Till Seed Cum Fertilizer Drill	Type: Tractor drawn. Power Source: Tractor (35-45 PTO HP). No. Of rows: 9/11/13		
50	Pneumatic Planter	Type: Tractor mounted Pneumatic multi crop planter to plant seeds of maize. mustard, ground-nut etc. Power Source: Tractor (25-45 PTO HP). No. of rows: 4/5/6		
51	Plastic Mulch Laying Machine	Type: Self propelled		
52	Mulching Sheet	Type: UV stabilized polyethylene films for mulching Thickness: 100 micron Colour: Black and white Breadth: 120 cm		
53	Plastic Mulch Laying Machine	Type: Tractor operated Plastic, Mulch Laying Machine, Power source: 35 HP minimum Weight: 310 Kg		
54	Thresher	Type: Tractor PTO operated multi crop thresher for pulses, wheat, and mustard etc. Mounted on chassis with pneumatic wheels. Grain Loss: 0-5% Power Source: Tractor (25-45 PTO HP).		
55	Disc/MB plough	Type: Single bottom fixed Power Source: 35Hp minimum Weight: 150 Kg		
56	Cultivator	Type: Tractor drawn spring loaded cultivator, having iron frame and shovels. Standard 3-point linkage system. No. Of tynes: 6 Working width: 72 inches (approximate) Power Source: Tractor (25-35 HP)		
57	Harrow	Type: Disc harrow offset type. Disc blade: 7/ gang, each having 2 Nos of standard bearing hubs. Blade material: high carbon steel Hitching system: 3 point. Power Source: 40-55 HP		
58	Leveller blade	Type: Land Leveller / Leveller Blade having 3 point hydraulic linkage		

		Power Source: Tractor (25-45 PTO HP)		
59	Furrow Opener	Type: Furrow Opener / Ridger having 3 furrow Material: Made of 10 gauge sheet Power Source: 35hp minimum Weight: 175 Kg		
60	Reversible Mechanical Plough	Type of hitch attachment/Linkage: 3-point linkage 3-point linkage T Tractor power: required 35 hp to 40 hp Type MB Plough: Reversible type Mould Board used: Slat Mould Board Number of MB plough attached to Beam:2 Working Depth control mechanism: Hydraulic Beam rotation control mechanism: Mechanical Working depth in inch:10		
61	Strip Till Drill	Seed metering mechanism: External fluted seed rollers. Fertilizer metering mechanism: Gravity type with adjustable orifices & agitators. Power transmission: Chain and Sprocket drive. Furrow Opener: Invertors/reversible Number of flanges on the rotary: 9 Number of blades on each flanges:6 or more (adjustable) Opening width of blade (mm): 75 Number of furrow opener: 11 (Adjustable) Seed and fertilizer box separate: Partition Source of power (hp/kW):35 HP or above tractor mounted		
62	Seed cum Fertilizer Drill	Type: 5-6 types Rigid Power Source: 22 HP-35 HP minimum Weight: 90-140 Kg		
63	Turbo Seeder	Power source: 44-55 HP tractor with double clutch, Hitch Type: 3-point linkage (two lower & one upper) Row to row distance (minimum): 22.5 (20 to 22 cm)		
64	Ridge Furrow Planter			
65	Happy Seeder	Power source: 44-55 HP tractor with double clutch, Hitch Type: 3-point linkage (two lower & one upper) Row to row distance (minimum): 22.5 (20 to 22 cm) Number of row: 09-11 row (Adjustable) Type of furrow openers: Inverted T- type furrow opener. Rotor RPM: 1360 rpm at 540 rpm of tractor PTO Types of flail blades: Reversible straight gamma type. Minimum diameter of ground wheel: 550 mm or above Seed hopper for seeds: 190 to 200 cm long and 23-25 cm deep (approx.)		
66	Solar fencing	Maximum distance between 2 support posts 10 Mts. Maximum Distance between 2 intermediate posts-5 Mts. Maximum Distance between 2 Angle Iron Posts between two intermediated Posts-5 Mts.		

		<p>No. of strands -3 & 5 wires in vertical Height of fence above the ground-1.85m Total Pole Height (Above+ Below Ground level: - 2.45m. Spacing between two rows (Minimum 0.15m to maximum 0.30 m depend upon the type of animals in the areas). Provision for gates to be decided on site after visit of field Energizer capacity - 1 Energizer be installed with built in alarm system at every 2.5Km. System should ensure shock ability at the beginning and end of the fence. The ground to earth voltage must be not more than 200 volts. The supplier should provide operation and maintenance manual which should contain details about the solar power fencing: Clear instructions about the maintenance and troubleshooting, DO's and DONTs, relevant details and drawings for regular maintenance. The relevant test reports of the items, if available may also be enclosed. In case of composite fencing the height of G.L. Wire Mesh and angle iron should be 1.20m as per demand of farmer</p>		
67	Barbed Wire with U-nails Staples for fencing	<p>Galvanized Steel Barbed Wire for fencing (ISI marked) Coated as per IS : 4826_ 1978 12x14 SWG, 2 strands with 4 barbs 3" to 4', apaft without wooden spools conforming to ISI specification No 276 -1976 (Reaffirmed 2001) (with the Latest amendments) The Wire Size should be hot dipped galvanized coating as per. Mass of zinc coating as per ISI -4226-1979 U-Nails Stapples for fencing the barbed wire of 4.064 mm.(8 SWG)Hot Dipped galvanized coating IS; 4826-1968 (with latest amendments)</p>		

The bidder shall have to fill up the name of the firm / manufacturer of the above listed goods/material.

I/We hereby certify: -

- 1 That I/we agree to supply the above goods/material/ equipment(s) of desired specifications for a total contract price of Rs. _____ (amount in figures) (Rs. _____ amount in words) within the stipulated period as specified in the terms & conditions of the quotations.
- 2 I/We also confirm that the normal commercial warrantee/guarantee of _____ Months shall apply to the offered Goods /equipment.
- 3 That the rate(s) quoted by us shall remain valid up to 31.03.2026.
- 4 That we have taken necessary steps to ensure that person acting for us or on our behalf will not engage in bribery or other illegal acts/means.

PAN: _____ *Regd. No. of the firm _____

Signature of Bidder/Supplier