



**H.P. Forest Department**  
**INTEGRATED DEVELOPMENT PROJECT (HPIDP)**

For

**Source Sustainability And Climate Resilient Rain-fed Agriculture**

**Tank Road, Solan-173212**

**Phone: 01792-225773), 01792-225773 (FAX), email- dpoidpsolan@gmail.com**



**No: DPO/IDP/SLN/MG/709**

**Dated 25/09/2023**

**ANNOUNCEMENT OF INDICATIVE NOTICE FOR PRICE**  
**DISCOVERY MATCHING GRANT**

**Subject:** Request for submission of price list for supply of various items under Matching Grant scheme

**Type of Grant:** Grants for Group Beneficiaries

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 for finalizing the indicative price for various items to be purchased by farmers, as list attached. Interested supplier should submit the item wise price list to DPO Solan and can submit to APO Kandaghat, Dharampur & Ramshehar by 9/10/2023.

  
(Sanjeev Kumar, HPFS), District Project Officer,  
Integrated Development Project, Solan,  
Distt. Solan (H.P.) 173212 Phone: 01792-225773  
dpoidpsolan@gmail.com, [www.hpiddp.org](http://www.hpiddp.org)

To,

District Project Officer,  
HPIDP,Solan

**Subject:- Price list of various items for indicative price.**

Sir,

I/we submit the price rate of various items as per details below.

<b>Goods for Group Beneficiaries</b>				
<b>Indicative Notice for Price Discovery</b>				
<b>Sr. No</b>	<b>Name of Goods/Items (Specification attached)</b>	<b>Specification</b>	<b>Rate in Figure</b>	<b>Rate in Words</b>
<b>A. Irrigation Support (Sprinkle, Drip, Pipes &amp; Pumps etc.)</b>				
1.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for normal spaced crops Coverage area: 1 bigha Spacing : 2.5 m x 0.6 m (Lateral x Dripper)		
2.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close spaced crops Coverage area: 1 bigha Spacing : 1.2 m x 0.6 m (Lateral x Dripper)		
3.	Sprinkler irrigation system	Type: Sprinkler set for portable sprinkler irrigation system Coverage area: 1 bigha		
4.	HDPE Pipes for irrigation Size : 20 mm	Type: High Density Polyethylene (HDPE) Irrigation Pipes Coverage area: 1 bigh		
5.	HDPE Pipes for irrigation 90 mm	Type: High Density Polyethylene (HDPE) Irrigation Pipes Coverage area: 1 bigha		
6.	HDPE Pipes for irrigation 110 mm	Type: High Density Polyethylene (HDPE) Irrigation Pipes Coverage area: 1 bigha		
<b>B Agriculture tools &amp; equipments/ machines (Automatic/Semi automatic</b>				
1.	Power Tiller (below 8 BHP)	Type: Below 8 HP with cage wheel, standard tools and accessories.		
2.	Power Weeder (Below 2BHP)	Type: Self Propelled Engine operated Power Weeder, Power Source: Below 2 HP. Fuel: Petrol/Diesel		
3.	Reaper-cum-binder	Type: A reaper binder attached with 7 hp diesel engines suitable for harvesting wheat and rice. Working capacity: 6 katha / hour and cutting width.		
4.	Disc/ MB Plough	No. of plough bottoms : 2 - 4 Length (mm):1778-2392, Width (mm) : 889-1194, Height(mm): 1092-1092, Weight (kg): 253-386 Capacity (ha/day) : 1.5-2.0 Power requirement(hp/kW): 30-40 /22.5-30, tractor		
5.	Cultivator	Shovel type cultivator Number of tynes : 7-11 Cutting width(mm): 1500-2400 Cutting depth (mm) : 175-225 Weight(kg) : 127-350 Power requirement (hp/kW) : 25-60/18.75- 45, tractor		
6.	Harrow	Number of Disc -12 Implement power 35 HP Cutting Width (MM) 1100 Total Weight (Kg) 440		
7.	Leveller Blade	Length( mm) 1840, Width (mm) 700, Height (mm) 700, Size of Blade (mm) -Length 1830 -Width 75 -Thickness 8 -Weight (kg) 90 Power requirement (hp/kW) : 35/26.25, tracto		
8.	Furrow Opener	Overall dimensions 2020x 2050 x 1100 mm ii. Weight 370 kg iii. No. of furrows 2 iv. Row and hill spacing Adjustable Capacity, ha/day 3.2		
9.	Reversible Mechanical Plough	Length (mm) Working Width (mm) Weight (kg) Plough bottom Working Depth Under frame Clearance Inter body Clearance Reversing mechanism Speed of operation (km/h) Area covered (ha / h) Field efficiency (%) : 320 : 609/ 914 : 375/ 475 : two bottom ( two on each side)/ three bottom (Three on each side) : 203 mm - 355 mm : 700 mm : 850mm : Hydraulically/ Mechanically operated : 3 to 4 : 0.20 to 0.25 : 90 Power requirement (hp) : 55 & Above		
10.	Chisel Plough	Number of Disc -5, Disc Dia (mm)- 12 Inch , Depth of Cut- 12 Inch, Overall Length- 70 inch, Overall Width -27 inch, Overall Height- 20 inch, Total Approx Weight (kg) -280 kg, Suitable HP Range - 35 HP		

11.	Strip Till Drill	<b>specifications</b> Length (mm) 1960-2310 Width (mm) 970-1560 Height (mm) 1070-1350 Seed metering mechanism - Fluted roller Fertilizer metering mechanism -Gravity Fed With an agitator Power transmission -Chain and sprockets Furrow opener - Inverted T -type /reversible shovel Number of flanges on the rotary - 9-11 Number of blades on each flange - 6 Type of blade - C Type Opening width of blade (mm) -75 Number of furrow opener -9-11 Size (diameter), mm and number of flutes - 42.7-49.2 and 9-11 Seed box capacity (cm3) - 66241-10308 Fertilizer box capacity (cm3) - 63310-10141 Ground wheel diameter (mm) - 390-450 Weight (kg) - 220-330 Source of power (hp/kW) - 35-45 /26.25- 33.75, Tractor		
12.	Seed Drill	<b>Specifications</b> Length (mm): 1940-2310 Width (mm): 970-1560 Height (mm): 1070-1350 Seed metering mechanism: Fluted roller Fertilizer metering mechanism: Gravity feed with agitator Number of furrow opener: 9-13 Furrow opener: Reversible shovel Size of feed shaft (mm): 16-19 Size (diameter) and number of flutes: 42.7-49.2 and 9-11 Seed box capacity (cm3) - 66241-10308 Fertilizer box capacity (cm3) - 63310-10141 Weight (kg) - 224-328 Source of power (hp/kW) - : 35/26.25, tractor		
13.	Multi Crop Planter	<b>Specifications:</b> Length (mm): 970 Width (mm): 2350 Height (mm): 1120 Number of rows in planter attachment - 6 (maximum) Seed metering mechanism: Inclined plate with cell Fertilizer metering : Adjustable opening with agitators Furrow opener: Reversible shovel Seed hopper capacity (kg) : 10-20 for different crops Power transmission : Chain and sprockets and bevel gears Source of power (hp/kW) - 35/26.25, tractor		
14.	Turbo Seeder- Happy Turbo Seeder	<b>Specifications of turbo happy seeder</b> 1. Horse Power Requirement : 45-55 hp tractor with double clutch 2. Capacity, ha/hr. : 0.25-0.35 ha/hr 3. Weight of machine : 500-550 kg 4. Working width of machine : 2.0-2.5 m 5. Row to row distance : 225 mm 6. No. of rows : 9-12 7. Type of Furrow openers : Inverted 'T' type 8. Rotor drum diameter : 750 mm 9. Rotor diameter : 140 mm 10. Window area : 0.200 x 0.450 = 0.09 m <sup>2</sup> (C/s area between two furrow openers) 11. Ground clearance of furrow opener with working PTO : 0.30 m 12. Rotor rpm : 1360 rpm at 540 rpm of tractor PTO 13. Types of flail blades : Reversible straight gamma type 14. Flails length from rotor surface : 240 mm 15. Blade length : 165 mm 16. Bottom width of blade : 85 mm 17. Top width of blade : 50 mm 18. Blade Overlap with furrow openers : 60 mm 19. Horizontal clearance between the edges of the blades : 75 mm 20. No. of Depth wheels : Two nos. with adjustable depths 21. Minimum Diameter of Ground Wheel : 550 mm 22. No. of lugs on periphery of GW : 15 (with sharp and long edges)		
15.	Rotavator	Weight (kg) : 230-310, Working width (mm) : 1200-1720, Working depth (mm) : 80-100, Rotor speed (rpm) : 210-240, Capacity (ha/hr) : 0.38-0.5 , Power Source(hp/kW) : 30-65 /37.5-48.75, tractor		
16.	Potato Digger	Power -35-50 HP, Weight 900 KG, Power source Self Propelled Crop Potato, Grain tank capacity 150 KG Power Harvesting		
17.	Tractor Drawn Reaper	<b>Specifications :</b> Product Type : Tractor Operated Reaper Brand : Made in India Material : Iron Driven by : Tractor Application : Cutting wheat, paddy soyabean etc. Required Power : Tractor of more than 25 HP Fitting Type : Hydraulic Jack Fitting Position : Front Rear Fitting in Tractor Cutting Capacity : 10 to 12 acres per day		

18.	Zero Till Seed Cum Fertilizer Drill	Specifications : Model No. : 11 Row (1+1) Model Type Product Type : Seed cum Fertilizer Drill Brand : Made In India Driven by : Tractor No. of Teeth : 11 No. of Pipes : 22 Row to Row Spacing : 9 Inch Sowing Depth : 2-6 Inch Hopper Capacity : 60 Kg Require Tractor : 35 HP Weight : 375 Kg (Approx.)		
19.	Ridge Furrow Planter	Specifications : Product Type : Agricultural Ridger Brand : Made in India Furrow : 3-5 Frame : 100 x 100 sq. mm Frame Width : 1800-3000 mm Power : 35-60 HP		
20.	Pneumatic Planter	Specifications: Model: NPP4 NPP6 Rows 4 6 Tractor Required 60-70 HP 90-100 HP Seed Metering Pneumatic Suctioned Vertical Rotating Seed Picking Disc. Fertilizer Metering Fluted Roller Type & Hitching Tractor mounted with 3 Point Linkage Frame Strong and Robust Row Space 24” Standard & Adjustable Drive PTO Driven and Ground wheel Sowing Depth Adjustable (Depth Control Wheels are provided) Furrow Openers Shovels for sowing in tilled / prepared fields.		
21.	Thresher	Output Capacity - 1001 - 2000 kg/hr Power -10-20 HP Speed - Upto 500 RPM Body Material - MS Automation Grade - Semi-Automatic Crop Type - Multi Crop		
<b>C Minor Agriculture tools ( Mechanical)</b>				
1.	Mini Rice Mill	Production Capacity - upto 100 kg/hr Motor power - 1-3 HP Power Consumption - 2.2 - 3 KW Electricity Connection - Single Phase Operation Mode - Automatic Material of Construction - MS Power - 2 Kwh Warranty - 1 to 6 months Voltage - 220 V Electricity Connection - Single Phase Weight - 84kg with motor Operating Speed - 2880 rpm Material -		
2.	Mini Dal Mill	Polishing Capacity - 101-400 Kg/Hr Automation Grade - Manual Pulses Type - Masoor, Toor, Chana, All Kinds, Moong Production Capacity - 0-0.5 Ton/Hour Motor Type - Single phase Power - 1-3 HP		
3.	Oil Mill with filter press (for all types of horticulture/ food grain/oilseed crops)	Machine Type - Cold Press Capacity - 20 Kg/Hr Power - 3 HP Operation Type - Semi-Automatic Voltage - 220V Material - MS Power Source - Electric Surface Finish - Color Coated Phase - Three Phase Motor Power - 4 HP Frequency - 50 Hz Corrosion Resistance - Yes		
4.	Extractor (for all types of horticulture/ food grain/oil seed crops)	Extractor Capacity-1000L Motor Rating-5 Phase-3 Phase Material-SS Automation Grade-Semi-Automatic Usage/Application-Industrial Contact Parts Material-Stainless steel Frame Material-SS Voltage Supply-410 Weight-150kg Dimension-100X100X150		
5.	Pomegranate Aril Extractor	Pomegranate aril extractor Capacity - 40-60 Tons Application - Industrial Material - SS Minimum Order Quantity - 1 Piece		

6.	Dehydration unit/Pricking Machine/Humidifier (for all types of Horticulture/Food grain/oilseed crops)	<p><b>Dehydration unit</b> Automation Grade - Automatic Capacity - 450 Kg Power Consumption - 3KW Voltage - 240V No. of Tray- 6 Max Temperature - 240 degree celcius Phase -Single Phase</p> <p><b>Pricking machine</b> Phase -Single Phase Voltage - 230V Frequency - 50/60 Workspace - 8 to 45 mm Dimension L x W x H (mm) - 290 x 150 x 330 Mass - 8 kg</p> <p><b>Humidifier</b> Usage/Application - Industrial Use Model Type - MCS-UH-3.0 Material -FRP</p>		
7.	Packing Machines (for all types of horticulture/ food grain/oilseed crops)	<p>Driven Type - Mechanical Machine Power - 1-2 HP Pouch Length - 2"-4" Frequency - 50 hz Voltage - 420 V Weight - 300 kg Filing Type - cup filler Size/Dimension - L-75 inchxH-85 inchxW-36 inch Material - Multi grain Seed</p>		
8.	All types of Boiler/Steamer / Drier (for all types of horticulture/ food grain/ oilseed crops)	<p><b>Boiler</b> Capacity - 100 ltr. Material - Stainless steel Automation Grade -Semi-Automatic Color - x Color Power - 200 V Weight - 80-90 kg. Voltage - 240 V Frequency - 50Hz Power Source - Electric Body Material - Stainless Steel</p> <p><b>Steamer</b> Shape - Round Capacity - 15 L to 250 L With Lid Features - Quick Making Foods Finishing - Polished Automation Grade - Semi-Automatic Material - SS</p> <p><b>Drier</b> Type - Batch Type Design - Electric Tray Type Capacity - 10 to 4000 kG</p>		
9.	All types of Washing Machines (for all types of horticulture/ food grain/ oilseed crops)	<p>Loading Type - Front Loading Capacity - 50 Kg Water Consumption-65 L Voltage- AC 240 V Phase-Three Phase Frequency-60 Hz Inner &amp; Outer Drum Body Material-304 Stainless Steel Inside Basket-30x48 inch Outside Basket-36x53 inch Inlet Water Valve-1.5 inch Outlet Water Valve-2 inch Machine Size-36x80x48 inch Machine Weight-550 Kg Extractor Motor Power-2 HP</p>		
10.	All types of Grinder/ Pulveriser/ Polisher (for all types of horticulture/ food grain/ oilseed crops)	<p>Capacity - 50 Kg/h Usage/Application - Commercial Voltage - 220 V Material- SS Automation Grade - Semi-Automatic Motor - 2 Year Frequency - 3 HP Speed - 50 Hz Phase - Single Phase/3 Phase</p>		

	All types of Cleaner-cum-Grader/Gradient separator/specific gravity separator (for all types of horticulture/ food grain/oilseed crops)	<b>Cleaner-cum-Grader</b> <b>Usage/Application - Cleaning</b> <b>Type Of Machines - Cleaning Machine</b> <b>Capacity - 50-150 Kg Per Hr</b> <b>Weight - 75 Kg</b> <b>Material - Mild steel</b>		
	All types of Power driven Dehusker/sheller/Thresher /Harvester / De-spiking/ Deconing Machine/ Peeler/ Splitter / Stripper (for all types of horticulture / food grains/oilseed crops)	Operation Mode - Automatic Electricity Connection - Three Phase Motor Power - 3 HP Material of Construction -MS Power -3 Kwh Capacity -100 - 1000 kgs / hr Model -Single disc Usage/Application -Sunflower seed, millet, paddy, etc.... Voltage -400-440 V Driven Type -electric motor Frequency -60 hz Machines Required -Husker Material -Mild steel		
D	<b>Other (Items supporting climate smart technology)</b>			
1.	Solar fencing	Area to be protected Acre 1.00 Fence Length (Perimeter) Meter 300 Fence Height above ground level Meter 2.14 (7 ft) Number of wire rows / strands Number 7 Specing between wire rows Meter 0.30 (1 ft) Pole to Pole distance Meter 5 Total Pole Height (Above+Below Ground level (1.5 ft)) Meter 2.74 (8.5 ft):- Input Voltage:- 12 V DC Output voltage :-7.0 KV to 9.9 KV Peak Current:- 7.5 A (500 Ohms Non induction load) Pulse Interval:- 1.2 second Pulse duration - 0.3 mille second Output energy:- 2.5 joules		
2.	Plastic Mulch Laying Machine	Output Capacity - 1001 - 2000 kg/hr Power -10-20 HP Speed - Upto 500 RPM Body Material - MS Automation Grade - Semi-Automatic Crop Type - Multi Crop		