



**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/ 520**

**Dated 30/08/2024**

**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 6th, Sep. 2024.

  
Sanjeev Kumar, HPFS), District Project  
Officer, Integrated Development Project,  
Solan, Distt. Solan (H.P.) 173212 Phone: 01792-  
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To,

District Project Officer,  
HPIDP, Solan

Subject:- Price list of various items for Indicatlce price.

Sir,

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

Goods for Group Beneficiaries Indicative Notice for Price Discovery				
Sr. No	Name of Goods/Items (Specification attached)	Specification	Rate in Figure	Rate in Words
<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 bigha		
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, tractor		
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	<p><b>Specifications</b></p> <p>Length (mm) 1960-2310  Width (mm) 970-1560  Height (mm) 1070-1350</p> <p>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 (cm<sup>3</sup>) - 66241-10308  Fertilizer box capacity (cm<sup>3</sup>) - 63310-10141  Ground wheel diameter (mm) - 390-450  Weight (kg) - 220-330  Source of power (hp/kW) - 35-45 /26.25- 33.75, Tractor</p>		
12.	Seed Drill	<p><b>Specifications</b></p> <p>Length (mm): 1940-2310  Width (mm): 970-1560  Height (mm): 1070-1350</p> <p>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 (cm<sup>3</sup>) - 66241-10308  Fertilizer box capacity (cm<sup>3</sup>) - 63310-10141  Weight (kg) - 224-328  Source of power (hp/kW) - : 35/26.25, tractor</p>		
13.	Multi Crop Planter	<p><b>Specifications:</b></p> <p>Length (mm): 970  Width (mm): 2350  Height (mm): 1120</p> <p>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</p>		
14.	Turbo Seeder- Happy Turbo Seeder	<p><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)</p>		
15.	Rotavator	<p>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</p>		
16.	Potato Digger	<p>Power -35-50 HP, Weight 900 KG, Power source Self Propelled Crop Potato, Grain tank capacity 150 KG Power Harvesting</p>		
17.	Tractor Drawn Reaper	<p><b>Specifications:</b></p> <p>Product Type : Tractor Operated Reaper  Brand : Made in India  Material : Iron  Driven By : Tractor</p> <p>Application : Cutting wheat, paddy, soyabean etc.  Required Power : Tractor of more than 25 HP  Filling Type : Hydraulic Jack  Filling Position : Front Rear Filling in Tractor  Cutting Capacity : 10 to 12 acres per day</p>		



18.	Zero Till Seed Cum Fertilizer Drill	<p>Specifications :</p> <p>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 - 2.8 inch Hopper Capacity : 60 Kg Require Tractor - 35 HP Weight : 375 Kg (Approx.)</p>		
19.	Ridge Furrow Planter	<p>Specifications :</p> <p>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</p>		
20.	Pneumatic Planter	<p>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 &amp; Hitching Tractor mounted with 3 Point Linkage Frame Strong and Robust Row Space 24" Standard &amp; Adjustable Drive PTO Driven and Ground wheel Sowing Depth Adjustable (Depth Control Wheels are provided) Furrow Opener Shovels for sowing in tilled / prepared fields.</p>		
21.	Thresher	<p>Output Capacity - 100T - 200U Kg/hr Power -10-20 HP Speed - Up to 500 RPM Body Material - MS Automation Grade - Semi-Automatic Crop Type - Multi Crop</p>		
<b>C Minor Agriculture tools ( Mechanical)</b>				
1.	Mini Rice Mill	<p>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 Kw/h Warranty - 1 to 6 months Voltage - 220 V Electricity Connection - Single Phase Weight - 84kg with motor Operating Speed - 2880 rpm Material -</p>		
2.	Mini Dal Mill	<p>Polishing Capacity - 10T-40K Kg/Hr Automation Grade - Manual Pulses Type - Masoor, Toor, Channa, All Kinds, Moong Production Capacity - 0-0.5 Ton/Hour Motor Type - Single phase Power - 1-3 HP</p>		
3.	Oil Mill with filter press (for all types of horticulture/ food grain/oilseed crops)	<p>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</p>		
4.	Extractor (for all types of horticulture/ food grain/oil seed crops)	<p>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</p>		
5.	Pomegranate Aril Extractor	<p>Pomegranate aril extractor Capacity - 40-60 Tons Application - Industrial Material - SS Minimum Order Quantity - 1 Piece</p>		

6.	Dehydration unit/Pricking Machine/Humidifier (for all types of horticulture/food gram/olseed crops)	<b>Dehydration unit - Automatic</b> Automation Grade - Automatic Capacity - 450 Kg Power Consumption - 1KW Voltage - 240V No. of Tray - 6 Max Temperature - 240 degree celsius Phase - Single Phase <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 <b>Humidifier</b> Usage/Application - Industrial Use Model Type - MCS-UIH-3.0 Material - FRP		
7.	Packing Machines (for all types of horticulture/ food grain/olseed crops)	Driven Type - Mechanical Machine Power - 1-2 HP Pouch Length - 2"-4" Frequency - 50 hz Voltage - 420 V Weight - 300 kg Filling Type - cup filler Size/Dimension - L-75 inchxH-85 inchxW-36 inch Material - Multi grain Seed		
8.	All types of Boiler/Steamer / Drier (for all types of horticulture/ food grain/ olseed crops)	<b>Boiler</b> Capacity - 100 lit. 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 <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 <b>Drier</b> Type - Batch Type Design - Electric Tray Type Capacity - 10 to 4000 KG		
9.	All types of Washing Machines (for all types of horticulture/ food grain/ olseed crops)	Loading Type - Front Loading Capacity - 50 Kg Water Consumption-65 L Voltage- AC 240 V Phase-Three Phase Frequency-60 Hz Inner & 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		
10.	All types of Grinder/ Pulveriser/ Polisher (for all types of horticulture/ food grain/ olseed crops)	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		

	All types of Cleaner-cum-separator/Gradient separator/specific gravity separator (for all types of horticulture/ food grain/oilseed crops)	Cleaner-cum-Grader Usage/Application - Cleaning Type Of Machines - Cleaning Machine Capacity - 50-150 Kg Per Hr Weight - 75 Kg Material - Mild steel		
	All types of Power driven Dehusker/sheller/Thresher /Harvester / De-spiking/ Decoring 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 -MIS Power - 3 Kw 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 Spacing 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 - Up to 500 RPM Body Material - MS Automation Grade - Semi-Automatic Crop Type - Multi Crop		