

HP Forest Department
Integrated Development Project (IDP) for Source Sustainability and Climate Resilient Rain-fed-Agriculture,
Una, District Una, HP.
REQUEST FOR QUOTATIONS (RFQ)

No.

519

Dated: 5-08-2023

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 item shall confirm to the specifications listed in the advertisement and suppliers shall be expected to hold their prices valid until 60 days from the deadline indicated in this notice. Interested suppliers may also visit project website at www.hpmdp.org and/or can get the details from DPO, IDP, Una office and should submit the item wise price list to DPO IDP Una by 19.08.2023. The supplier must have a GST number and shall submit their price list in the format attached

Goods for Group Beneficiaries

Sr. No.	Name of Goods/Items (Specification attached)	Specification	Rate in Figure	Rate in Words
1.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close 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 Manual/ Automatic Coverage area: 1 bigha		
4.	HDPE Pipes for Irrigation			
5.	Power Tiller (below 8 BHP)	Type: Below 8 HP with cage wheel, standard tools and accessories.		
6.	Power Weeder (Below 2 BHP)	Type: Self Propelled Engine operated Power Weeder. Power Source: Below 2 HP. Fuel: Petrol/Diesel		
7.	Self Propelled Machinery 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.		
8.	Tractor Drawn Mould Board/Tractor operated rotary plough	Type: Single bottom fixed Power Source: 35 Hp minimum Weight: 150 Kg		

9	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 (approx) Power Source : Tractor (25-35 HP)		
10	Tractor Drawn Disc Harrow	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 Sources : 40-55 HP		
11	Tractor Drawn Leveler	Type : Land Leveller Blade having 3 point hydraulic linkage. Power Sources : Tractor (25-45 PTO HP)		
12	Tractor Drawn Furrow Opener/ Ridger / bund former	Type : Furrow Opener / Rider having 3 furrow Material : Made of 10 gauge sheet Power Source: 35 hp minimum Weight : 175 Kg		
13	Reversible Mechanical Plough	Type of hitch attachment/ Linkage : 3 point linkage 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: Mechanical working depth in inch: 10		
14	Strip Till Drill	Seed metering mechanism : External fluted seed rollers. Fertilizers 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 & fertilizer box separate : Partition Sources of Power (hp/kw) 35 HP or above tractor mounted		
15	Seed cum Fertilizer Drill	Type : 5-6 tynes Rigid Power Sources : 22 HBP -35 minimum Weight : 90-140 Kg		
16	Turbo 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.)		
17	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. 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 trouble shooting. 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.I. Wire Mesh and angle iron should be 1.20m as per demand of farmer		
18	Mini Rice Mill	Type: Mini rice mill With Pre-Cleaner & Elevator, Power: 5 -10 Hp Quantity: 2.0 -5.0 q of paddy/hour		
19	Dal Processor with dehusker, Blower, Pre Grader and Broken Seed Separator	Capacity in single operation (Kg/hr): 80 or more. Power Source: 2hp, (1 HP+ 1 HP motors) Capacity: 125 kg/hour		
20	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.		
21	Vegetable Extractor (for all types of horticulture/ food grain/oil seed crops)	Material: Stainless steel Power : 2 HP and 1400 RPM Components: Water pump, starter, sieves for different seeds, seed collection tub Suitable for : Wet extraction		
22	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		
23	Vacuum Dehydration unit/Pricking Machine/Humidifier (for all types of Horticulture/Food grain/oilseed crops)	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.		
24	Packing Machines (for all types of horticulture/ food grain/oilseed crops)	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		
25	All types of Boiler/Steamer/Drier (for all types of horticulture/ food grain/oilseed crops)	Material: Stainless Steel Capacity: 800kg/hr Working pressure: 10 kg icm2g 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		
26	All types of Washing Machines (for all types of horticulture/ food grain/oilseed crops)	Continuous type Capacity: 500 Kg/hr Power : 1800 watt Technology : Bubble Washing		

		<p>Suitable for: Any types of fruits and vegetables</p> <p>Automation Grade: Semi Automatic</p> <p>Voltage: 220-240V/50HZ</p> <p>Frame: Stainless steel</p>		
27	All types of Grinder/Pulveriser/ Polisher (for all types of horticulture/ food grain/oilseed crops)	<p>Power Consumption: 2h.P -50 H.P</p> <p>Material: Mild Steel & Stainless Steel Capacity: 20kg- 400kg Per Hour</p> <p>Type: Fully Automatic</p> <p>Power: AC</p> <p>Voltage: 220 Volt/440 Volt Weight: 100kg- 4ton</p> <p>Driven Type: Motor & Pulley</p> <p>Motor Type: Single Phase Or Three Phase</p>		
28	All types of Cleaner-cum-Grader/Gradient separator/specific gravity separator (for all types of horticulture/ food grain/oilseed crops)	<p>Capacity: 1-3 TPH</p> <p>Type : Semi Automatic</p> <p>Power Sources : Electric</p> <p>Voltage : 220-240 V</p>		
29	Gradient Separator	<p>Capacity : 1 TPH</p> <p>Number of Drum: Electric</p> <p>Surface Treatment : Paint Coated</p>		
30	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)	<p>Capacity: 70kg/hr</p> <p>Electricity : 1kwh Single phase</p> <p>Power: 2 HP</p>		
31	Rotavator	<p>Type: Tractor drawn, multispeed and side transmission Gear box.</p> <p>Number of blades : 16-36</p>		

		Working width : 3-4 ft Power Source: Tractor (15-30 HP)		
32	Potato Digger	Type: Tractor PTO operated Potato Digger elevator. Power Source: Tractor (35-45 PTO HP)		
33	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)		
34	Zero Till Seed Cum Fertilizer Drill	Type: Tractor drawn. Power Source: Tractor (35-45 PTO HP). No. Of rows: 9/11/13		
35	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		
36	Plastic Mulch Laying Machine	Type: Self propelled		
37	Mulching Sheet	Type: UV stabilized polyethylene films for mulching Thickness: 100 micron Colour : Black & White Breadth : 120 cm		
38	Tractor operated Plastic Mulch Laying Machine	Type: Tractor operated Plastic Mulch Laying Machine Power Sources: 35 HP minimum Weight : 310 Kg		
39	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)		

Goods for Individual Beneficiaries

Sr. No.	Name of Goods/Items (Specification attached)	Specification	Rate in Figure	Rate in Words
1.	Drip irrigation system	Type: Drip irrigation system with all fittings & accessories for close 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 Pipe	IS Standard IS:14151:2008(Part-II) Nominal Outside Diameter (D) 19 mm, 13 mm, 25mm, 38mm, 50mm		
5.	Hose Pipe			
6.	Solar Pump			
7.	Power Tiller (below 8 BHP)	Type: Below 8 HP with cage wheel, standard tools and accessories.		
8.	Power Weeder (Below 2 BHP)	Type: Self Propelled Engine operated Power Weeder. Power Source: Below 2 HP. Fuel: Petrol/Diesel		
9.	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.		
10.	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.		
11.	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.		

12.	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 crass or stainless steel.		
13.	Seed treating drum	Type: Manually operated Size: 600 x 350m. Shape: Cylindrical Body Material: Mild Steel Product Weight: 25 kg		
14.	Poly Tunnels	Size: 3.6 M3 Sheet: 150 Micron (mu) / 600 Gauge		
15.	Vegetable Crates	Weight : 1.5 kg (min.) Dimensions: 542 L x 360W x 390H (OD)(+/- 0.25 to 0.5 %)		
16.	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-300 mm (minimum). Safe for carrying fruit/vegetables.		
17.	Seedling Trays (50/75/90 Cavities)	Type: Seedling tray with 50/75/90 Cavities, plastic tray easy to clean. Suitable for growing vegetable seedlings		
18.	Mulching sheets	Type: UV stabilized polyethylene films for mulching sheets Thickness: 100 micron Colour: Black and white Breadth: 120 cm		
19.	Winnowing Fan	Type: Power operated Winnowing fan with aluminium blade, pulley, switch, wire, plug pin, protective grill fitted Power Source: 0.5 HP electric motor		
20.	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		
21.	Solar Pump	Pressure: High Pressure Installation Type: Freestanding Motor Type: AC Power: 1 HP Temperature: 50 Degree		
22.	Drum Seeder	Power Source: Hand Operated Row to Row Spacing: 200 mm Number of Rows: 4 Rows Diameter of the Seed Metering Hole: 9 mm		
23.	Brush Cutter	Type: Self propelled two row power weeder Engine: Petrol Power Source : 1 to 2 HP		

24.	Brush Cutter	Type: Brush cutters/slasher four stroke petrolengine, Power Source : 1 to 2.0 HP		
25.	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 dryer 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 aluminium wire.		
26.	Pheromonetraps	Insect Type: Fruit Fly Trap Material: Plastic Pest Control Type: Pheromone		
27.	Sticky traps	Insect Type: Houseflies , Moths Material: Plastic Pest Control Type: Pheromone Dimensions: 6 x 8 inch Colour : Yellow		
28	Solar lighttraps	Insect Type: Moth Material: Plastic Pest Control Type: Light Colour: Yellow		
29	HDPE Vermibeds	Material: HDPE Dimensions: 12 ft x4 ft x 2 ft		
30	Tarpaulin	Material: HDPE Thickness: 200 GSM Dimensions : 15 ft X 18 ft		
31	Manually Operated ToolKit	Items included Hand Rake, Shovel, Spade, Sickle, Pickaxe, Weeds lasher, Khurpi, Hoe etc. *Items in kit can vary depending upon the farmer requirement.		
32	Electric/Manual Chaff Cutter	Motor Operated Chaff Cutter:- <ul style="list-style-type: none"> • 1- 2 HP electric motor (ISI Mark) along with pulley and wheel belt, Wt (approx)- 80Kg. • Mild Steel Handle with Wooden Grip, Diameter 15 mm, total length 500 mm, length of wood grip 430-450mm. • Cutting Blades 2 to 3 Nos made from carbon Steel, which are adjustable. • Cutting Assembly- 2Nos, 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 centre to 		

		<p>connect it to main shaft.</p> <ul style="list-style-type: none"> • Wormgears 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- :Electric- 200 to 250 Kg per hour <p>All the rotating parts should be covered by safety guards</p>		
33	Manually Chaff Cutter	<p>Manually Operated Chaff Cutter:-</p> <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 • Fly Wheel of 840-900mm diameter, width 75mm, with a circular hole of 10mm at the centre to connect it to main shaft • Worm gears should be 2 in number, one located at upper side and on the lower side of worm. • Feed Roller 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, legs up part may be detachable. • Chaff Cutting Capacity- :Manual- 100 to 150 Kg per Hour. 		

I/We also confirm that the normal commercial warranty/guarantee of _____ Months shall apply to the offered goods / Material.

That I/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

*Note:- The supplier should send the list of indicate price 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*

Endst No

S16-23

Copy is forwarded to:

- Pr. CCF-cum-Chief Project Director, IDP, Solan.
- Chairman and members of tender opening committee.
- All APOs under DPO, IDP, Una.
- Notice Board for wide publicity.



District Project Officer,
Integrated Development Project,
Santoshgarh Road, Una, HP
Ph: 01975-292077

Dated 5-08-2023



District Project Officer,
Integrated Development Project,
Santoshgarh Road, Una, HP