



अनुवांशिकी संभाग

DIVISION OF GENETICS,

भा. कृ. अ. प. भारतीय कृषि अनुसन्धान संस्थान

ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI - 110012



F.No.GD/SP/17-1/2019-20/

Dated: 5.09.2019

**Tender Notice**  
2019\_DARE\_500222\_1

**Sub: Purchase of Farm Implements**

**Online tenders** are invited by the Head, Division of Genetics, IARI New Delhi-110012 on behalf of Director IARI New Delhi from reputed Manufacture/Dealer/Supplier in two-bid system (Technical bid & Financial bid) for purchase of following items on behalf of Director ICAR-Indian Agricultural Research Institute, New Delhi to be supplied at **Young Farmers Association, Rakhra, Patiala Punjab and Sipani Krishi Anusandhan Farm, Mandasaur, Madhya Pradesh** . The last date for submission of Bid is **on 25.09.2019 at 1.00 PM**. The bid will be opened on the **26.09.2019 at 3.00PM** in this Division of Genetics IARI New Delhi-12 by the prescribed committee.

*Please visit [www.iari.res.in](http://www.iari.res.in) for Details Rules and Regulation and Log on [www.eprocure.gov.in](http://www.eprocure.gov.in) for online tender submission.*

S. N.	Description of item	Qty.	Earnest Money (Rs.)
1	Rotavator to be supplied at Young Farmers Association Rakhra, Patiala, Punjab	1	13000.00
2	Rotavator to be supplied Sipani Krishi Anusandhan Farm, Mandasaur, Madhya Pradesh	1	
3	Battery Operated Knapsack Sprayer-for Rakhra, Patiala, Punjab	1	
4	Battery Operated Knapsack Sprayer-for Mandasaur, Madhya Pradesh	1	
5	Automated Seed Cum Fertilizer Drill- for Rakhra, Patiala, Punjab	1	
6	Automated Seed Cum Fertilizer Drill- for Mandasaur, Madhya Pradesh	1	
7	Power Spraryer- for Rakhra, Patiala, Punjab	1	
8	Power sprayer-for Mandasaur, Madhya Pradesh	1	

**Instructions to the bidder and terms & conditions of tender:**

1. The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.

- 2. The rates quoted in INR shall be free of cost delivery and installation FOR at Young Farmers Association Rakhra Patiala, Punjab and Sipani Krishi Anusandhan Farm, Mandasaur, Madhya Pradesh.**
3. Full specifications of the item/article quoted for shall be given in the quotation.
4. If taxes, duties or any other charges over and above the rates quoted leveable, actual percentage of such taxes/duties/other charges should be clearly indicated.
5. EMD as mentioned above-should be in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi. The original EMD should be submitted offline to the Tender Inviting Authority on or before the last date and time of bid submission. The details of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee physically sent, should tally with the details available in the scan copy and the data entered during the bid submission time otherwise the uploaded bid will be rejected.
6. The EMD shall be refunded to the unsuccessful bidders after finalization of the quotation. In case of successful bidder, it can be adjusted towards security deposit which is 5-10% of the order value in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi and shall remain valid for 60 days beyond the date of completion of all contractual obligation of supplier including warranty obligation for the equipment/goods costing Rs. 1.00 lakhs (Rs. One Lakh) or more. However, there would be no performance security deposit for equipment/goods costing less than Rs. 1.00 lakh (Rs. One Lakh).
7. One-year warranty has to be invariable provided on the equipment/items by the firm. In case, there is any variation in the warranty period given in tender while mentioning the specification of the item/equipment, the warranty period shall be the final as given in the specification.
8. Payment will be made by mode of e-payment to the supplier/firm after satisfactory completion of work and receipt of pre-receipt bills triplicate.
9. The Director IARI, New Delhi reserves the right to accept or reject any or all the quotations either in full or in parts without assigning any reason.
10. TIN/VAT/PAN/C.S.T. Nos. Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.
11. In case, any dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & Court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi. His decision will be final and binding on both parties (Supplier and Purchaser)
12. The successful bidder has to execute the indented Job/Work as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by this office failing which 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the job is not completed within the given stipulated period.
13. Firms should 3 years' experience in this line, proof should be enclosed.
14. Quotations not complying with the above conditions are liable to be rejected.

(Laxman Singh)  
Admin Officer  
011-25843811

Copy: to in- charge AKMU to up load at IARI website

## DIVISION OF GENETICS

### Specifications

S N o	Quantity	Specifications	If yes, please attach Tech literature of the equipment duly printed & clearly specify page No of Bulletin which specifically confirm this	Whether Complied With YES/ NO
<b>1</b>	<b>2</b>	<b>Specifications- Rotavator</b>		
		<p>-To be consists of a steel frame, a rotary shaft on which blades are mounted, power transmission system, and gearbox.</p> <ul style="list-style-type: none"> <li>- The blades are made from medium carbon steel or alloy steel, hardened and tempered to suitable hardness.</li> <li>- The PTO of tractor to drives the rotavator</li> <li>- Suitable for 45 HP Tractor</li> <li>- Hitch Type: three point, CAT-II</li> <li>- Length (mm): 1760-2080</li> <li>- Width (mm): 950-1050</li> <li>- Height (mm): 935-1110</li> <li>- Working width (mm): 1000-2000 (Different sizes)</li> <li>- Type of blade: L-shape/ J shape</li> <li>- Thickness of blade (mm): 7-10</li> <li>- No. of Blades : minimum of 36 ( Depending on sizes)</li> <li>- Distance between consecutive flanges (mm): 213-220</li> <li>- Total number of flanges: 6-8</li> <li>- Number of blades per flange: 6</li> <li>- Diameter of rotor shaft (mm): 70-90</li> <li>- Rotor diameter (mm): 420-435</li> <li>- Revolution of rotor shaft (rpm): 210-237 (Single speed/ Multi Speed Variants)</li> <li>- Side drive: Gear drive/ Chain drive variants</li> <li>- Rotor seals: 5 Lip super seal make</li> <li>- PTO Connector: Propeller shaft with universal joints</li> </ul>	Yes/No	Yes/No
<b>2</b>	<b>2</b>	<b>Specifications- Battery Operated Knapsack Sprayer</b>		
		<p>This sprayer is provided with a rechargeable battery instead of the conventional handlelever system.</p> <ul style="list-style-type: none"> <li>• Tank capacity: 10/13/16 liters</li> <li>• Discharge rate: Min. 500 ml/min at pressure of 3 kg/cm<sup>2</sup></li> <li>• Volumetric efficiency: 80 %</li> <li>• Strap: 02 (Having min. width of 38 mm, min. length of 800 mm)</li> <li>• Length of delivery hose: 1000 mm (preferably)</li> <li>• Type of lance: Straight or goose neck type</li> <li>• Length of lance: 500-900 mm</li> </ul>	Yes/No	Yes/No

		<ul style="list-style-type: none"> <li>• Manufacturers name or recognized trademark, nominal length, Batch or code number should be mentioned on the lance</li> <li>• Type of nozzle: Hollow cone, fan or adjustable type</li> <li>• Manufacturers name or recognized trademark, Nozzle designation, Batch or code number should be mentioned on the nozzle</li> <li>• Mass of sprayer: 8-10 kg</li> <li>• Arrangement for lifting the sprayer should be provided</li> <li>• Set of gasket should be provided</li> <li>• Agitator should be provided</li> <li>• Manufacturers name or recognized trademark, Tank nominal capacity, Batch or serial number should be mentioned on the tank</li> <li>• The sprayer should be guaranteed for manufacturing and operational defects for one year</li> <li>• Battery: 12 Volt 7AH Sealed Lead-Acid rechargeable dry battery</li> <li>• Diaphragm pump.</li> </ul>		
3	2	<b>Specification- Automatic Seed cum Fertilizer Drill</b>		
		<ul style="list-style-type: none"> <li>• Should be suitable for sowing seed of wheat, soybean, maize, paddy (Dry-land), pulses seeds</li> <li>• Should be easy three point mounting</li> <li>• Should be amenable to adjust the spacing or seed sowing distance.</li> <li>• Should be capable to sow seeds of more than one crop seed at a time</li> <li>• Should be a multipurpose unit i.e. fit to sow seeds, apply fertilizer and covering the seeds with soil.</li> <li>• Should be adjustable to 45HP tractor or more</li> <li>• It should have at least 5 teech-10 pipes, double hopper (27 inch)</li> <li>• It should have at least 5 rows, adjustable</li> <li>• Row –to- row spacing should be adjustable, standard: 7 inch</li> <li>• Hopper Capacity (min.): Seed: 16 kg; Fertilizer: 20kg</li> </ul>	Yes/No	Yes/No
4	2	<b>Specification- Power Reaper</b>		
		<ul style="list-style-type: none"> <li>• Should be walking type reaper with handle of adjustable length</li> <li>• It should be easy to operate. Turning should be controlled by side clutch</li> <li>• Should be able to cover at least 1.2 – 1.8 acre/ hr.</li> <li>• Should be fitted with a powerful petrol engine; single cylinder air cooler petrol engine</li> <li>• Engine power should be at least 5HP</li> </ul>	Yes/No	Yes/No

	<ul style="list-style-type: none"> <li>• Capacity of the fuel tank should be (min.): 3 litre</li> <li>• Type of air cleaner should be dry type</li> <li>• Type of starting should be recoil type</li> <li>• It should have 1+1 steps of speeds</li> <li>• Should have working speed (in field) (min.): 2.5 km/hr</li> <li>• Type of cutting should be: vertical and adjustable;</li> <li>• Min. cutting height around 50mm and max. 22inch.</li> <li>• Cutting width should be at least 1200 mm</li> <li>• Placing of the crop after cutting should be on right side of the machine</li> </ul>		
	Company profile with following documents		
	1. Registration of Firm	Yes/No	Document may be submitted
	2. Authorization of Principal		Document may be submitted
	3. Are you registered with TAN, PAN and VAT/CST/LST Deptt., if yes please mentioned all the details and attached copy of the Same.	Yes/No	PAN No. TAN No. VAT No.
	4. Have you deposited EMD /- Original EMD is to be submitted to the Admn. Officer, Genetics before closing date of tender (refer condition No. 8)	Yes/No	Amount..... .. DDNo/FDR/B G No.... Name of Bank.....
	5. Have you enclosed latest authorization certificate resting with sufficient validity period from manufacturer/Principal supplier	Yes/No	Enclose copy
	6. Have you ever been debarred/ Black listed by the Govt. deptt./Court of law for doing any business in India attach self-declaration certificate in this regard	Yes/No	Enclose copy

We certify that Equipment being offered by us under this tender meets all the above requirements. Concealing of any fact regarding specification of equipment being offer will liable to reject our tender. We accept the terms and conditions of the tender indicated there in.

**Signature of renderers with office seal**