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|  | <p>अनुवांशिकी संभाग</p> <p>DIVISION OF GENETICS,</p> <p>भा. कृ. अ. प. भारतीय कृषि अनुसन्धान संस्थान</p> <p>ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE,</p> <p>NEW DELHI - 110012</p> |  |
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F.No.GD/SP/18/2019-20/

Dated: 26.08.2019

Tender Notice
2019_DARE_497541_1

Sub: Purchase of Tissue Lyser

Online open 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 **item/equipment** as per detailed specifications mentioned below . The last date for submission of Bid is **17.9.2019 at 1.00 PM**. The bid will be opened on the **18.09.2019 at 3.00PM** in this Division of Genetics IARI New Delhi-12 by the prescribed committee.

Please visit www.iari.res.in for Details Rules and Regulation and Log on www.eprocure.gov.in for online tender submission.

| S. N. | Description of item | Qty. | Earnest Money (Rs.) |
|-------|---------------------|------|---------------------|
| 1 | Tissue Lyser | one | 8600.00 |

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 at the **Division/Unit of Genetics, IARI, New Delhi – 110012**. However, equipment quoted in foreign currency must be quoted on FOB as well as in CIP basis
3. Indigenous equipment maybe quoted in INR only. However, imported equipment maybe quoted in foreign currency on FOB basis showing price up to CIF. If firm fails to quote the rates accordingly, the tender will liable to be rejected.
4. In case, LC is opened for purchase of Foreign equipment all charges outside India will be borne by the firm.
5. Custom Duty Exemption Certificate (CDEC) will be issued only when the bid is quoted in foreign currency in case of foreign made items only and meant for IARI
6. Full specifications of the item/article quoted for shall be given in the quotation.
7. 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.

8. 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.
9. 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).
10. 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.
11. 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.
12. 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.
13. TIN/VAT/PAN/C.S.T. Nos. Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.
14. 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)
15. 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.
16. 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

| <u>Specifications for Sample Homogenizer/Tissue Lyzer</u> | Whether Complied With YES/ NO | If yes, please attach Tech literature of the equipment duly printed & clearly specify page No of Bulletin which specifically confirm this |
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| 1. The system should offer processing of a wide variety of plant tissues, hard tissues like bark and seeds which can be used to disrupt the samples to release high-quality DNA, RNA and protein for subsequent purification and analysis. | | |
| 2. Should offer fast simultaneous disruption of 48 or 192 samples at a time through high-speed shaking with tungsten beads which beat and grind samples. | | |
| 3. The system must include compatible adapter Sets 2 x 24 and 2 X 96 for 2.0 ml and 96 well plates respectively | | |
| 4. System should be compatible with 10ml and 50ml grinding jars for cryogenic grinding of large biological samples. | | |
| 5. The machine & all its adapters should be manufactured from the same vendor and should have validated document for the same. | | |
| 6. Should have provision of effective disruption and homogenization using liquid nitrogen or in frozen condition. | | |
| 7. Should have provision for complete isolation & sealing of samples while processing so that there is no chance of cross contamination. | | |
| 8. The system should perform horizontal mode of lysis | | |

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| 9. System should have the Digital settings and control of disruption time (10 seconds-99 minutes) and vibration frequency (3–30 Hz) | | |
| 10. Storage - 99 programs onboard. | | |
| 11. Should be able to disrupt multiple biological samples through high-speed shaking in plastic tubes with steel, tungsten carbide or glass beads. | | |
| 12. The homogenization protocol should be aligned with downstream DNA & RNA extraction protocol. | | |
| 13. The vendor should provide different sizes of stainless steel beads (3mm, 5mm, 12mm and 20mm), 10 ml and 50ml grinding jars with lid, Liquid Nitrogen flasks of 1Litre capacity and one pair of mid arm length cryo gloves. | | |
| 14. The power line to the Tissue Lyser should be voltage-regulated and surge-protected, so the instrument should have a stabilizer along with it. | | |
| 15. The company should have three years experience in dealing in scientific equipments | | |
| 16. The system should have at least two years of warranty | | |
| 17. Installation and onsite application training should be included in the cost of the equipment | | |
| 1. 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. |
| 2. 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/BG No.... Name of Bank..... |
| 3. Have you enclosed latest authorization certificate resting with sufficient validity period from manufacturer/Principal foreign firm | Yes/No | Enclose copy |
| 4. 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