



अनुवांशिकी संभाग
DIVISION OF GENETICS,
भा. कृ. अ. प. भारतीय कृषि अनुसन्धान संस्थान
ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE,
NEW DELHI - 110012



ICAR/IARI/Gen/58/2019-20/

Dated: 08.01.2021

Tender Notice

Tender ID: 2021_DARE_608434_1

Sub: Purchase of Gas Chromatograph

Online open tenders are invited by the Head, Division of Genetics, IARI New Delhi-110012 on behalf of Director IARI New Delhi from reputed Indian Manufacture/Dealer/Supplier in two-bid system (Technical bid & Financial bid) for purchase of **Gas Chromatograph** as per following details. The last date for submission of Bid is **29-01.2021 at 1.00 PM**. The bid will be opened on the **30.01.2021 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	Gas chromatograph	one	32000.00

Instructions to the bidder and terms & conditions of tender:

- Bidders may please note that Preference will be given to “Make in India” as per order of Ministry of Commerce and Industry, Department of promotion of Industry and Internal Trade, Govt. of India subject to technical suitability of the product.**
- The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.
- 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.
- Indigenous equipment should be quoted in INR only. However, imported equipment should be quoted in foreign currency on FOB basis showing price of equipment up to CIF. If firm fails to quote the rates accordingly, the tender will liable to be rejected. Firms are advised to quote accessories being supplied locally in Indian Rupees. For local product payment will not be paid in foreign currency.**
- In case, LC is opened for purchase of Foreign equipment all charges outside India will be borne by the firm.
- 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
- Full specifications of the item/article quoted for shall be given in the quotation.
- 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.

9. 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.
10. 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).
11. 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.
12. 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.
13. 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.
14. TIN/VAT/PAN/C.S.T. Nos. Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.
15. 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)
16. 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.
- 17. Firm should attach two copies of supply order for each year for the last three year and user list of last three years with the technical bid.**
18. 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

SPECIFICATIONS: GAS CHROMATOGRAPH

<u>TECHNICAL SPECIFICATION FOR GAS CHROMATOGRAPH</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
Fully Automated latest microprocessor-based Gas Chromatograph should be computer-controlled Data workstation based with Digital and analog output. Built in detailed diagnostic function and Graphical user interface on instrument for viewing the parameter and real time chromatogram with following features:		
<ul style="list-style-type: none"> ▪ Microprocessor based modular GC system with capillary injection port and High Sensitivity Flame Ionization Detector with EPC/AFC/PPC on both Injection Port and Detector for operation on 220V 		
<ul style="list-style-type: none"> ▪ Automatic ignition and re-ignition of FID flame through keyboard or GC software 		
<ul style="list-style-type: none"> ▪ Licensed software should be supplied for the operation of the instrument with 21 CFR compliance facility, so that input methods and output data cannot be edited / manipulated 		
<ul style="list-style-type: none"> ▪ Instrument should be supplied with On-site validation i.e. IQ & OQ at the time of installation 		
<ul style="list-style-type: none"> ▪ Capability of installing 2 injection ports and 2 detectors simultaneously 		
<u>COLUMN OVEN:</u>		
<ul style="list-style-type: none"> ▪ Capacity – 12.5 liters or above 		
<ul style="list-style-type: none"> ▪ Temperature Range – (Ambient + 10°C) to 400°C 		
<ul style="list-style-type: none"> ▪ Cooling Speed – 300°C to 50°C in less than 6.0 minutes 		
<ul style="list-style-type: none"> ▪ Temp. Programming steps – 09 Program Steps or more 		
<u>CAPILLARY INJECTION PORT:</u>		
<ul style="list-style-type: none"> ▪ Capillary Injection Port with built-in EPC/AFC/PPC Flow Controller. 		
<ul style="list-style-type: none"> ▪ Suitable for all capillary columns 		
<ul style="list-style-type: none"> ▪ Pressure range from 0 to 100 psi 		
<ul style="list-style-type: none"> ▪ Split Ratio Setting: 1 : 5000 and above 		
<ul style="list-style-type: none"> ▪ Temp. Range: Up to 400°C 		
<u>DETECTOR:</u>		
<u>FLAME IONIZATION DETECTOR (FID) with EPC/AFC/PPC</u>		
<ul style="list-style-type: none"> ▪ Temperature range : up to 400°C 		
<ul style="list-style-type: none"> ▪ Detection limit: 3.0 pgC/s or less 		
<ul style="list-style-type: none"> ▪ Dynamic range: 10⁷ 		
<u>AUTO-SAMPLER:</u>		
<ul style="list-style-type: none"> ▪ Capacity: 100 vials or more 		
<ul style="list-style-type: none"> ▪ Vials capacity: 1.5 ml 		
<u>UTILITIES:</u>		
Following items to be supplied / quoted along with the main system:		
<ul style="list-style-type: none"> • Consumables including Ferrules, Septa, Liners, O-Rings, Nuts. 		

• Appropriate MicroSyringe for autosampler (01 no.)		
• Gas Purification Panel for H2, N2 & Zero Air with fittings like Nuts, Ferrules, Union, Couplings, clamps etc		
• Gas Cylinder with double stage SS Diaphragm regulator for H2, N2 & Zero Air		
• S. S. tubing with colour code sleeves (35 feet) for each gas to be supplied i.e. total 105 feet.		
• Branded PC with pre-loaded licensed software, 1 TB HDD, 8 GB RAM		
• Branded 5KVA On-line UPS with 30 minutes back-up		
• Capillary Column (30-meter x 0.25 mm x 0.25 µm) – 04 No.		
WARRANTY: 2 years from the date of installation.		
Firm should attach two copies of supply order for each year for the last three year and user list of last three years with the technical bid.		Attach two copy of supply order for each last three year and user list of last three years.
Other documents required with technical bid		
1. Name of Manufacturing country of equipment		Indicate here the name of country
2. Name of Currency in which on line rate is quoted in BOQ		Indicate here the name of currency
3. .Are your 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. Heave 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.....
5. Have you enclosed latest authorization certificate resting with sufficient validity period from manufacturer/Principal foreign firm	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 their in.

Signature of renderers with office seal