



जल प्रौद्योगिकी केन्द्र

भा.कृ.अ.प.—भारतीय कृषि अनुसंधान संस्थान
नई दिल्ली—110012



मिसिल संख्या: ज.प्रौ.के / 35-1 / डी.एस.टी.(24-673) / 2020-21

दिनांक: 25.02.2021

आनलाईन निविदा सूचना / E-Tender Notice

निदेशक, भा.कृ.अ.प.—भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली द्वारा जल प्रौद्योगिकी केन्द्र, में अनुसंधान कार्य हेतु प्रतिष्ठित आपूर्तिकर्ताओं से दो बोली प्रणाली (तकनीकी एवं वित्त बोली) के अंतर्गत **Nitrogen Analyser** की खरीद हेतु आनलाईन निविदा आमंत्रित किये जाते हैं।

आनलाईन निविदा संख्या	ज.प्रौ.के / डी.एस.टी.(24-673) / 2020-21
आनलाईन निविदा जारी करने की तिथि	26.02.2021 समय 12-00 बजे।
आनलाईन निविदा (शुरू) जमा करने की तिथि	26-02-2021 समय 12-00 बजे।
आनलाईन निविदा जमा करने की अंतिम तिथि	19-03-2021 समय 12-00 बजे।
आनलाईन निविदा (तकनीकी) खोलने की तिथि	20-03-2021 समय 12-00 बजे।
पत्राचार/सम्पर्क करने का पता	सहायक प्रशासनिक अधिकारी, जल प्रौद्योगिकी केन्द्र, भा.कृ.अ.प.—भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली—110012

विस्तृत नियम व शर्तों के लिए भा.कृ.अ.सं. की वेबसाइट www.iari.res.in एवं आनलाईन निविदा जमा करने के लिए <http://eprocure.gov.in> देखें।

सहायक प्रशासनिक अधिकारी

प्रतिलिपि:

1. प्रभारी, ए.के.एम.यू., भा.कृ.अ.प.— भा.कृ.अ.सं., नई दिल्ली से अनुरोध कि उपरोक्त को संस्थान की वेबसाइट पर रखें।

WATER TECHNOLOGY CENTRE
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI -110012

F.No. WTC/35-1/DST Project(24-673)/2020-21

Dated: 25-02-2021

As per list attached

Subject: E-Tender for the purchase of Nitrogen Analyser.

Sir,

Online BID are invited from reputed manufacture/Dealer/Supplier in **two bid system (Technical bid & Financial bid)** for purchase of **Nitrogen Analyser** by the Project Director, WTC, ICAR-IARI, New Delhi on behalf of Director ICAR-Indian Agricultural Research Institute, New Delhi. The last date for submission of bid is on **19-03-2021 at 12.00 P.M.**

The Technical bid (Tender) will be opened on **20-03-2021 at 12.00 PM** and Financial Bid will be opened later on.

Please visit www.iari.res.in for details rules and regulation and log on www.eprocure.gov.in for online.

Instructions to the bidder and terms & conditions of tender:

1. 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.
2. The equipment is to purchase for Research purpose and therefore shall be purchased at concessional GST Rate of 5%. The required certificate shall be issued to the successful bidder for availing concessional GST Rate.
3. The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for the receipt of quotations.
4. The rates quoted shall be for free delivery and installation at the Water Technology Centre, ICAR-IARI, New Delhi-110 012. Costs of imported item/equipment manufactured in abroad, should be quoted in the currency of manufacturing country on FOB basis as well as in CIP basis.
5. Indigenous equipment should be quoted in INR only. However imported equipment may be quoted in foreign currency in FOB basis showing price 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.
6. In case, LC is opened for purchase of foreign equipment all charges outside India will be borne by the firm.
7. 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.
8. The successful bidder will have to provide the original proforma invoice from the foreign principal (duly signed in ink), in case of imported item/equipment at the earliest but

- positively within 15 days of the date of receipt of purchase order, otherwise the purchase order will automatically stand cancelled without any further communication.
9. In case the bid is offered in Indian Rupees on FOR value basis than CDEC/DSIR certificate will not be given by the Institute at all. However, GST as applicable will be paid by the Institute as per concessional GST under notification No. 45/2017-Union Territory Tax (Rate) and 47/2017-Integrated Tax Rate issued by the MoF, GOI.
 10. Full specifications of the article quoted for shall be given in the quotation along with literature/pamphlet/drawing etc. User list of the quoted document may also be additionally provided for reference.
 11. If taxes, duties or any other charges over and above the rates quoted leviable, actual percentage of such taxes/duties/other charges should be clearly indicated.
 12. If the bid is submitted by the authorized dealer on behalf of the Manufacturer/OEM, than valid authorization certificate of the Manufacturer/OEM must be attached with the bid, otherwise bid will not be considered.
 13. As per CVC's guidelines No.12-02-6CTE-SPJ(1)-2/161730 (circular No.3/1/12) dated 13/1/2012, in a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. Further, if an agent submits bid on behalf of the Principal/OEM the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
 14. Supply is to be made by any convenient mode of transport at supplier's risk unless otherwise specified.
 15. In case the material is supplied through an authorized agent, manufacturer shall be responsible for the successful installation of the equipment. The manufacturer shall be liable to any penal action for the shortcomings of the authorized agent. Any payment that is to be made separately to the agent if any shall be clearly mentioned in the quotation.
 16. The bid should be accompanied with earnest money of **(Rs 10,000/- Rupees. Ten Thousand only)** 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/FDR/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.
 17. No interest on security deposit and earnest money deposit shall be paid by the Institute to tenderer.
 18. 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. Here would however, be no performance security deposit for equipment/goods costing less than Rs. 1.00 lakh (Rs. One Lakh).
 19. One year warranty has to be invariable provided by the firm. In case, there is any variation in the warranty period given in the specification of the item/equipment, the warranty period shall be the final as given in the specification.

20. 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. In case of foreign currency payment shall generally be made through LC, L/wire transfer directly to the manufacturer.
21. 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.
22. E-Tender not complying with the above conditions are liable to be rejected.
23. Scanned copy of GST/PAN/C.S.T. Nos may be attached with the bid.
24. AMC/CMC charges shall not be included for the evaluation of the financial/commercial bids.
25. 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)
26. The successful bidder has to execute the indented material/items as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by the Unit/Divisions of this Institute failing which 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the material is not supplied within the given stipulated period.
27. There will be no exemption for paying earnest money. However, Firms registered with the Central Purchase Organization/NSIC/MSME only are exempted from submitting bids without EMD (proof of registration must be attached therefore without which it will not be considered).

The following scanned documents must be furnished with the technical bid failing which tender will not be accepted at all.

1. GST Number
2. Pan Card
3. Earnest Money Deposit (EMD)
4. Technical specification of equipment/item along with compliance statement in accordance with the tender technical specification.
6. The tender documents duly signed by the concerned firm accepting the same should be attach with technical bid. Certificate to be signed by the tenderer (Annexure-II).
8. Certificate declaring that the firm has not been debarred/Black listed by the Govt. Deptt./Court of law for doing any business in India (Annexure-III).

SCHEDULE

Sl. No.	Name of the Equipment/Description of Material	Quantity required	Approximate Cost
1.	Nitrogen Analyser Specification : As per Annexure-I	One	-

Asstt. Admn. Officer

- 1. Copy to Incharge, USI with the request to kindly upload on IARI website**

TECHNICAL SPECIFICATIONS: NITROGEN ANALYZER**A. Automatic Digestion System 20 Place Block PC Compatible**

- Twenty place 250 ml capacity PC Compatible Block Digestion System
- TFT Graphic Touch Screen Display
- Live graphical representation of time /temperature gradient
- Temperature Controller
- Temperature Control Range: Room temperature to 450 ° C, Temperature Accuracy : ± 0.5 ° C
- All essential accessories like Digestion Tubes, SS Insert Rack, Exhaust Manifold, Suction assembly for safe removal of acid fumes

B. Automatic Scrubber System:

- Four stage acid neutralization scrubber (condensation of water vapours, neutralization in alkali, neutralization in water, dissolution of air free of acid fumes in raw tank water/ carbon filter.
- Non corrosive centrifugal inbuilt magnetic suction pump for water recirculation
- Fibre Reinforced plastic (FRP) Tank,
- Containers for Alkali and Water
- Automatic water level indicator in FRP Tank

C. Automatic Distillation System :

- Autosequencing Programmable Microprocessor based Dual Distillation with inbuilt software,
- Colour Touch Screen Display
- Independent stainless steel non corrosive steam generator, expansion vessel and water condenser,
- Micro processor controlled Addition of distilled water for dilution, Automatic KMnO₄ addition for determination of available nitrogen, Alkali Addition, Steam Processing,
- Process over indication with alarm with inbuilt delay time features,
- Complete Automatic safety features.
- Facility to program and control distillate volume for determination of available nitrogen
- Auto Titration Connectivity feature for online Titration
- Auto sensing of "NO WATER" condition in condenser & steam generator with alarm & signal
- Auto deactivation of operation after warning on no water condition in case of user non availability
- Automatic monitoring and measuring of high temperature in distillate with sensor for auto warning signal and safety alarm to alert user to control distillate temperature.
- Auto reagent Level Sensor with Alarm for Reagents
- Non corrosive steam Generator
- The control panel unit along with inbuilt temperature controller, timer, mother board and SMPS should be isolated in separate compartment to protect electronics from wet chemistry & acid/ alkali process area for longevity and safety of all electronic components.
- Nitrogen level : 1 to 200 mg Nitrogen (Min / Max Detection Limit)
- Nitrogen Reproducibility: $\pm 0.1\%$ RSD , Nitrogen Recovery : $> 99.5\%$
- Electrical Requirement: 220-230V single phase

D. Digital Burette Titration System**Remarks:**

- Company should have good performance track record with references of users of similar equipment.
- The instrument shall strictly confirm to the specifications with relevant brochure.
- Spares should be made available after the expiry of warranty period.

Sd/-

(Dr. Khajanchi Lal)
Principal Scientist

(To be furnished on company letter head)

CERTIFICATE TO BE SIGNED BY THE TENDERER

CERTIFICATE

It is certified that I have read and understood and will comply with all instructions contained in Terms & conditions of this tender documents. All pages submitted with these tender documents from page _____ to _____ have been filled properly and signed with seal of the firm/company.

Signature of tenderer: - _____

Name in block letters: - _____

Name of firm: _____

Full address: _____

i) Telephone No. _____

ii) Mobile No. _____

iii) Fax No. _____

iv) Email id _____

v) Website _____

Signature of Tenderer with office seal

(To be furnished on company letter head)

DECLARATION

This is to confirm that our firm M/s

.....

.....

Has never been blacklisted/debarred by any state Govt./Central Govt./Department of public undertaking enterprises.

Date:

Place:

Signature of tenderer: _____

Name in block letters: _____

Office seal/Stamp: