



ICAR-National Bureau of Plant Genetic Resources
Pusa Campus, New Delhi – 110 012

Phone: 011-25841022, 25849545; FAX: 011-25842495, 25849459;



No.5(198)/Purchase/2019-20

Dated: 11 October, 2019


NOTICE FOR INVITING TENDER THROUGH E-PROCUREMENT

Online Bids are invited from interested firms under two bid system for procurement of '**Chemistry automation module flow analyser system**' at ICAR-NBPGR, New Delhi. Manual bids shall not be entertained.

Tender documents may be downloaded from e-procurement website of CPPP <https://eprocure.gov.in/eprocure/app> or www.nbpgr.ernet.in as per the schedule given in CRITICAL DATE SHEET as under:

CRITICAL DATE SHEET

Tender No.	F. No. 5(198)/Purchase/2019-20
Name of Organization	ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi -110012
Date and Time for Issue/Publishing	15.10.2019 at 02.30 PM
Document Download/Sale Start Date and Time	16.10.2019 at 10.30 AM
Bid Submission start Date and Time	16.10.2019 at 2.30 PM
Bid Submission End Date and Time	11.11.2019 at 02.30PM
Date and Time for Opening of Bids	12.11.2019 at 02.30PM
Address for Communication	Asstt. Admn. Officer (Purchase), ICAR-NBPGR, New Delhi


(Avdhesh Kumar)
Asstt. Admn. Officer (P)

ICAR-NATIONAL BUREAU OF PLANT GENETIC RESOURCES
PUSA CAMPUS, NEW DELHI -110012

Check list for the tender

The bidders are requested to fill the check list for evaluation of technical bid.

Sr. No.	Particulars	Remarks (YES/NO)
01	Whether the required EMD attached/scan copy uploaded or the bidder is MSME. In case of MSEM please provide the relevant documents in support of the same.	
02	Whether the scan copy of registration number uploaded	
03	Whether the scan copy of PAN number uploaded	
04	Whether the firm has GST Number or not	
05	Whether the bidder is Manufacturer or Agent of the manufacturer. Please mention as the case may be. In case of agent of the manufacturer/Principal the proper authorization is attached or not.	
06	Whether the scanned copies of Income Tax return uploaded as per requirement of the tender.	
07	Whether the all Annexures signed and accepted	
08	Whether the scanned copies of user list uploaded	
09	Whether the make and model of the equipment mentioned and catalogue provided	
10	Whether the tender document is sealed & signed and scan copies uploaded	
11	Whether the firm is Black listed by any of the Government Department/Agency	
12	Whether the proprietor of the firm is SC/ST. In case so please mention in the bid.	
13.	Any other information	
14	Whether the rates quoted in BoQ as per tender	

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in/eprocure/app>.

1. The Tender form/bidder documents may be downloaded from the <https://eprocure.gov.in/eprocure/app> or www.nbpgr.ernet.in. **Online submission of Bids through** Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) is mandatory. Manual/Offline bids shall not be accepted under any circumstances.
2. Tenderers/bidders are requested to visit the website <https://eprocure.gov.in/eprocure/app> and www.nbpgr.ernet.in regularly for any changes/modifications in tender document.
3. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Council reserves the right to accept or reject any or all the tenders.
4. The interested Firms are required to deposit (in original) an Earnest Money Deposit (EMD) of the amount mentioned against items in the form of Demand Draft/FDR-TDR/BG from any of the Commercial Bank in favour of **Director, NBPGR payable at New Delhi** may be address to **Asstt. Admn. Officer (Purchase), NBPGR, New Delhi** on or before **bid closing date and time as mentioned in the Critical Date Sheet**.
5. The interested Firms are required to deposit (in original) **Tender Fee, if any** (Non-refundable) in the shape of Demand Draft in favour of **Director, NBPGR payable at New Delhi** may be address to **Asstt. Admn. Officer (Purchase), NBPGR, New Delhi** on or before **bid closing date and time as mentioned in the Critical Date Sheet**.
6. The firm should send the original brochures of the product and may be addressed to Asstt. Admn. Officer (Purchase), NBPGR, New Delhi on or before bid opening date and time as mentioned in the Critical Date Sheet along with Tender Fee & EMD.
7. Bidders need not to come at the time of Technical as well as Financial bid opening at NBPGR. They can view live bid opening after login on CPPP e-procurement portal at their remote end. If bidder wants to join bid opening at NBPGR then they have to come with bid acknowledge slip that is generated after successfully submission of online bid.

8. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
9. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
10. Bidder has to select the payment option as 'offline' to pay the tender fee/EMD as applicable and enter details of the instrument.
11. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
12. Bidders are requested to note that they should necessarily submit their financial bids in the Format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cell with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
13. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
14. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric, encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
15. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
16. Upon the successful and timely submission of bids (i.e. after clicking 'Freeze Bid Submission' in the portal), the portal will give a successful bid submission message and a bid summary will be displayed with the bid no. and the date and time of submission of the bid with all other relevant details.
17. The firms are also required to upload copies of the following documents:-

- **Technical Bid**

- a) Scanned copy of Tender fee and Earnest Money Deposit (EMD)/its exemption, if any.
- b) Scanned copy of Firm's registration, PAN Card, GST No., Tender acceptance letter (Annexure-V).
- c) Scanned copy of Manufacturers authorization certificate issued by Principal Manufacturer duly verified by the Indian Agent or Manufacturing certificate.
- d) Scanned copy of Income Tax Statement for the last two/three years.
- e) Scanned copy of All Annexures with signature. .
- f) Scanned copy of User List (if any)/Purchase Orders.

g) Scanned Copy of Make and model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.

- **Financial Bid:-**

a) Price Bid as BoQ.xls



(Avdhesh Kumar)
Asstt. Admn. Officer (P)

Annexure-II

Terms & Conditions

1. The tenderer shall quote rates, which will include the delivery & other incidental charges. Taxes, if any, should be indicated separately.
2. The rates should be quoted as per the BOQ uploaded on the CPP Portal (reference may be obtained from Annexure-III). Taxes, if any, should be indicated separately. It must be noted that the contract shall be awarded to the firm which fulfills all the required terms and conditions and remains L-I for any particular items.
3. The firm must also possess valid PAN No. & Service Tax registration number and a copy of the same must also be enclosed with the tender document.
4. Copy of previous two/three years of Income Tax Statement may be furnished.
5. The firm should be in existence for over 05 (Five) years in the trade. However startups are relaxed for this condition as per Govt. guidelines.
6. Modification in the tender documents after the closing date is not permissible.
7. The successful firm shall have to supply the Various Scientific Equipments within 4-6 weeks from the date of confirmed supply order and if the materials are not supplied in time then EMD shall be forfeited. The rates quoted shall be valid for one year from the date of opening of tender.
8. The contractor/bidder or his representative may contact the undersigned at **Tel. No. 011-25841022** for any further clarification. No variation in terms of quality of the items shall be entertained or else EMD/Security deposit shall be forfeited.
9. The Director, NBPGR shall have the right to reject all or any of the offers, accept more than one offer, and assign part of the job.
10. The interested Firms are required to deposit (in original) an Earnest Money Deposit (EMD) of the amount mentioned against item in the form of Demand Draft/FDR-TDR/BG from any of the Commercial Bank in favour of **Director, NBPGR payable at New Delhi** may be address to **Asstt. Admn. Officer (Purchase), NBPGR, New Delhi** on or before **bid submission closing date and time 2.30 p.m. on 11.11.2019**. No quotation shall be considered without the earnest money deposit. Demand draft drawn in favour of any officer other than 'Director, NBPGR payable at New Delhi' will not be accepted and the tender will be rejected. The earnest money will be refunded only after the finalization of the procurement and no interest will be paid on earnest money.
11. Rates once finalized will not be enhanced/reduced during the currency of the contract.
12. In case of foreign currency, conversion rates in INR will be taken on that day when financial bid will open.
13. In case, the successful bidder shows inability at any stage, after the contract is finalized and awarded, for whatsoever reason(s), to honor the contract, the earnest money /performance security deposited would be forfeited.
14. The Director, ICAR-NBPGR reserves the right to cancel the contract at any time during the currency period of the contract without giving any reason.
15. The firm to whom the tender will be awarded, will have to deposit the performance security equal to 10% of the total amount at the time of installation of the equipment. If the services are not found to be satisfactory, the performance security is liable to be forfeited. No interest will be paid on performance security.
16. If any dispute(s) arises between NBPGR and the firm with reference to the contract, NBPGR will decide it and its decision will be binding on the firms.
17. Bid Validity: 90 days
18. The contract will be given to L1 only as per comparative statement.
19. The bidders must certify that **'The firm is not black listed by any of the Government Department/Agency'** while submitting the quotation.

- 20. Authorization Certificate: Authorization certificate from the Principal/Manufacturer for this specific tender only will be entertained. Authorization issued in favor of multiple firms will not be accepted and bids of such bidders will be cancelled straight way.**
21. Our Institute is registered with DSIR and we are exempted from Excise Duty & Custom Duty. Hence CDEC/DSIR will be provided to the firm, if demanded. Rate should be quoted accordingly.
22. Payment terms:-
- a) Payment for goods supplied from abroad: By Letter of Credit (LC)/FDD/Wire Transfer.
 - b) Payment of goods supplied within India-100% of the contract price on receipt of goods by the consignee supported by satisfactory installation/working report & submission of Performance value.
23. Installation:- Within 30 days from the date of receipt of equipment in the Institute failing which Liquidated Damage clause shall apply.
Liquidated Damage clause: It would be realized @ 0.5% (half per cent) of the base price (excluding taxes) of the delayed goods for each week of delay subject to maximum 10%.
24. Prices:
- i. Equipment imported from the other countries: Rates must be quoted on FOB international port of shipment in foreign currency only by the authorized Indian Agent or directly by the Principal/manufacturer.
 - ii. Rates for accessories/local items may be quoted in INR only.
 - iii. If any bidder wants to quote in INR, price be quoted on F.O.R, NBPGR basis.
25. Tender Evaluation: Tender evaluation will be done as enumerated in Manual on Procurement of Goods (2017) and GFR-2017.

‘Terms & Conditions are acceptable’

Dated

(Authorized signatory of the firm)

(Reference for BOQ) (To be quoted in format provided on CPP Portal)

Price bid for Various Scientific Equipments (IFB-3) at ICAR, NBPGR, New Delhi

Sr. No.	Name of item	Quantity	Per unit price* (in figures/words) (as per BOQ)
01	Chemistry automation module flow analyser system	01	

- Items should be of reputed make and suitable for high end elite users
- Tax extra as applicable should be indicated separately in the column provided.

Note: The above mentioned Financial Proposal/Commercial bid format is provided as BoQ_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial bid. **Bidder shall not tamper/modify downloaded price bid template in any manner.** In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with NBPGR.



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Dated: 11 October, 2019

Name of the Firm _____

Registered/Postal Address _____

1	Permanent Account Number (PAN)	
2	Service Tax Registration No., if applicable	
	Bank Details	
	Bank Name	
	Branch Address	
	Account Number	
	Type of account (current/saving)	
	MICR No.	
	RTGS/NEFT code	

Date:

Name of the Authorized Signatory

Place:

Stamp & Signature

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

Date:

To

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No. _____

Name of Tender/Work:

Dear Sir,

1. I/ We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/work' from the web site(s) namely:

As per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc...) which form part of the contract agreement and I/We shall abide hereby the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender conditions of above mentioned tender documents/corrigendum(s) in its totality/entirely.
5. I/we do hereby declare that our Firm has not been black-listed/debarred by any Govt. Department/Public sector undertaking.
6. I/we certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject that bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Details of Equipments & EMD

Sr. No.	Purchase of item	Qty	Earnest Money in INR	Tender Fee	File. No. for reference
01	Chemistry automation module flow analyser system	01	94000.00	NIL	F. No. 5(198)/Purchase/2019-20

Note: EMD defined on to the Portal is MINIMUM. Bidder has to submit the EMD as per item for which quoting for.

Specification for Chemistry Automation Module Flow Analyser System

Automation of food samples analysis using customized segmented flow analyser for the simultaneous analysis of the following chemistries

- Amylose
- Carbohydrate
- Nitrate + Nitrite
- Alpha Amylase
- Glucose + Fructose

However, System must be capable and flexible of handling simultaneous analysis of 15 or more chemistries unattended.

System should Include-

Auto Sampler

- Sample capacity of 140 or more for sample tubes/cups of 5 -10 ml capacity
- Fully Random Access Sampler
- 9 or more separate positions for keeping standards of 5-10 ml.
- 4 or more channel build-in rinsing pump for supply of rinsing liquids
- Built-in Dilutor station for automatic pre and post dilutions of samples and prepare working standards for automatic chemistry calibration
- Completely software controlled run on Windows 10 operating system

Chemistry Module Holder

- Module Holder for 5 or more chemistry channels
- 32 or more channel proportioning pump with dual pump deck
- Multi-speed pump function with standby / analyze / fast rinse options
- Built-in 10 or more channel high precision air injector
- Built-in air supply pump
- Pressure regulator for air segmentation
- 3 or more cuffed pump tubes to be supplied as standard
- Digital temperature control and display for reactors in the module
- Separate compartments for electronics, chemistry and detector heads

Chemistry Modules

- Modules for the analysis of –
 - Amylose
 - Nitrate + Nitrite
 - Alpha Amylase
 - Carbohydrate
 - Glucose + Fructose

Detector

Digital Photometric Detector, Data Acquisition Unit with complete software control

- Wavelength selection based on interference filters.
- Wavelength range 410 – 1000 nm or wider
- Accommodation for 2 or more flow cells of 5 to 50 mm path length each.
- It should provide flexibility of different path length varying from 5 – 50mm to cover both high & low concentration of analyte
- 20 bits or higher resolution absorption recording.
- Detection range up to 6.0 AU or higher
- Signal / noise ratio < 0.0003 AU or less.
- 8 or more slots for analogue detectors
- Halogen lamp

Software

Should be able to control all components of Chemistry automation module with following features

- Automatic re-sampling of carry over samples and chemistry synchronization
- Automatic baseline/peak height settings and sensitivity drift correction
- Automatic offset and gains control
- Real time graphics display of multiple analysis channels
- Real time peak detection with actual peak information
- Real time display of first and second order calibration curve according ISO 8466 and inverse logarithm
- Automatic lamp on/off for detector
- Direct data transfer and generation of reports in ASCII and excel file formats
- Flexibility to edit sample set tables, weight factors, dilution factors etc. in real time
- Extensive data validation capabilities including real time CLP protocols and calibration statistics

Data station (Computer & Printer) Intel core i7 8th Generation processor with intel UHD Graphics, 8GB DDR4 RAM, 1TB HDD hard drive, DVD/CD writer optical drive, USB 2 and USB 3.1 ports 2 each, Licensed Windows 10 operating system and MS Office.
Printer: Laser Jet printer, auto duplex, wireless connectivity

Warranty - 1 Year comprehensive warranty along with two years AMC for extended period for the entire system from OEM mentioning part numbers should be quoted in bid document

Hard copy of Technical bid also be submitted alongwith EMD and Catalogue.