



भा.क.अनु.प.- राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव ब्यूरो
ICAR-NATIONAL BUREAU OF AGRICULTURALLY IMPORTANT MICROORGANISMS
पोस्ट व ग्राम - कुशमौर, मऊ (उ.प्र.) २७५१०३



Village & PO : Kushmaur, Mau 275103 (UP)

Tel : (0547) 2530080, FAX : (0547) 2530381, E-Mail : nbaimicar@gmail.com, (Web): www.nbaim.org.in

F.No. 19/store/NBAIM/2016-17/Equipment

Date:13.05.2016

Expression of Interest

The Director, ICAR-National Bureau of Agriculturally Important Microorganism, Mau on behalf of the President, Indian Council of Agricultural Research, New Delhi invites duly filled and sealed tenders from the Manufacturer/registered firms for the purchase of below mention equipments.

Sr. No.	Equipment	Qty	EMD (In Rs.)	Tender fee (In Rs.)	Bid
1.	Table top cooled microcentrifuge	02	20000	500	Single bid system would be followed
2.	Distillation Unit	01	5000	500	
3.	Horizontal Gel Electrophoresis systems(Mini, Midi and large with power pack	01	6000	500	
4.	Horizontal electrophoresis unit with power pack	03	10000	500	
5.	Thermal Cycler	05	40000	500	
6.	Mini Vertical electrophoresis	02	6000	500	
7.	Laminar airflow	02	6000	500	
8.	U.V /vis Transilluminator	01	2000	500	
9.	Gel documentation system	01	12000	500	
10.	Gel Electrophoresis	01	6000	500	
11.	Air conditioner(in various capacity)	03	3000	500	
12.	Furniture and fixtures	As per required	5000	500	
13.	Temperature controlled high speed centrifuge with rotors	01	50000	500	Two bid system

The tender documents alongwith detailed terms and conditions can be downloaded from our website i.e. www.nbaim.org.in, www.mgrportal.org.in & <http://eprocure.gov.in/epublish/app>. The tenders will be accepted by 14.06.2016 up to 11:00AM. The same will be opened at 11:30AM on the same day in the presence of bidders or their authorized representatives, if any. A DD of Rs. 500/- as tender fee i/r/o each item will be required, which is payable to The Director, ICAR Unit NBAIM, Mau payable at Maunath Bhanjan. Separate Tender forms along with tender cost & EMD will be required i/r/o each items. Tender form should be submitted to The Director, ICAR-National Bureau of Agriculturally Important Microorganism, Kushmaur Mau (U.P.) 275103 for above mentioned items on the scheduled date and time positively by speed post/courier/ in person. The Director, ICAR-NBAIM, Mau reserves all right to accept or reject any or all the tenders without assign any reason.

Administrative Officer



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NOTICE INVITING TENDER THROUGH SINGLE BID SYSTEM

Sub: Purchase of Equipments (Single Bid) item no. 01 to 12 - reg.

Dear Sir,

We have a requirement of above said equipments for which Bids are invited to submit most competitive quotation for the same. The envelope containing the quotations should be superscripted as **"TENDER FOR ITEMS (Name of items) & No.** Tender should reach at The Director, ICAR-National Bureau of Agriculturally Important Microorganism, Kushmaur Mau (U.P.) - 275103 on **14.06.2016 up to 11:00 AM** which will be opened at **11:30AM on 14.06.2016**. A DD of Rs. 500/- as tender fee i/t/o each items will be required, which is payable to The Director, ICAR Unit NBAIM, Mau payable at Maunath Bhanjan. All the relevant details are given below:-

- I. Description of the goods required and the required quantity : **(As enclosed in Annexure-III)**
- II Guiding specification and other Technical Details : **(As enclosed in Annexure-IV)**
- III. Terms of delivery (Delivery at site) : **FOR ICAR-NBAIM, MAU**
- IV. Delivery period for goods : **Within 60 days from the date of the purchase order**
- V. Erection/installation and commissioning (if required, depending on the goods ordered) : **Completed within 07 (seven) days of delivery of the goods at site.**
- VI. Terms of Inspection by the purchaser's representative : **Indenting Officer**
- VII. Training of Purchaser's scientist/technician/operator for operating the equipments/goods ordered, as and if necessary : **ICAR-NBAIM scientists/technicians/operator for operating the goods/equipments ordered, as and if necessary ICAR-NBAIM operator(s) is/are to be trained for a period of 02 days/weeks at Bureau premises/supplier's premises for successfully operating the goods purchased. The training shall be completed within 07 days of installation.**

VIII. Price structure

- a. The tenderer shall quote for the complete requirement of equipments/goods & services and for the full quantity as shown against a serial number in the list of requirements in Annexure-III, the tenderers are, however, free not to quote against all the serial numbers mentioned in the List of Requirements (in case there are more than one serial number in the list of requirements).
- b. **Specification quoted by the firm should essentially attach literature, leaflet/brochure of the equipments /items with the tender documents.**
- c. All duties, taxes and levies payable by the supplier under the contract shall be included in the quoted price. The purchaser will not pay any such duties, taxes and levies separately. However, VAT/S.T., as legally and contractually leviable, will be quoted separately by indicating the nature and the current rate of VAT/Sales Tax, as applicable at the time of quoting. The sales tax will be paid extra at actual at the time of supply provided the transaction of sale is legally liable to sales tax and the amount of the sales tax is contractually payable. If the supplier in its quotation does not ask for sales tax extra, the same shall not be paid even if asks for the same at the later date.
- d. The rates and prices quoted by the supplier shall remain firm and fixed during the currency of the contract and shall not be subject to variation on any account whatsoever, including statutory variations, if any. However, sales tax will be paid extra as per provision under Clause viii (c) above.

ix) Receipt of goods and Terms of Payment:

- a. Payment terms for supply of goods, including erection/ installation and commissioning (as and when applicable). Immediately on receiving the goods at site, the purchaser will verify the quantities of the items supplied as specified in the delivery challan of the supplier and also check for any superficial damage etc. in the goods so supplied and issue a provisional receipt accordingly. If the goods supplied do not require erection/ installation and commissioning at site, the purchaser, within two working days of issue of the provisional receipt, will issue acceptance certificate(of the goods) to the supplier, provided the goods supplied are acceptable in terms of the contract. However, if the goods supplied also need erection/ installation and commissioning, the purchaser will issue acceptance certificate within two working days, after successful erection/ installation and commissioning.

The supplier will then send its invoice along with the purchaser's acceptance certificate and other accompanying documents to the paying authority for payment. The paying authority will release the full payment to the supplier as due in terms of the contract, within fifteen working days of receipt of supplier's invoice, purchaser's receipt certificate and other accompanying documents, provided the same are in order.

B. Training of purchaser's scientist/technician/operator, if applicable - Before release of payment to the supplier as per sub-para (a) above and a certificate required i/r/o successful completion of training of the operator(s) in terms of the contract.

x) Paying Authority: The Assistant Finance & Accounts Officer, on behalf of the Director, ICAR-NBAIM.

xi) Liquidated Damage Clause: The purchaser reserves all right to accept or deny the extension of delivery period. If any time during the performance of the contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall promptly inform the purchaser in writing the fact of the delay and the likely duration of the same. After receipt of supplier's communication, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion after the existing delivery period, or to extend the delivery period suitably by issuing an amendment to the contract. If the supplier fails to deliver the goods and/or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier's control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% (half per cent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance. The maximum limit of such deduction will, however, be 10% (ten percent) of the contract price of the delayed goods or services, after which the order will be treated, cancelled. The liquidated damage will also include damage due to delay in supply, installation and training. Further, during such delayed period of supply and/or performance, the supplier shall not be entitled to any increase in price and cost, whatsoever, on any ground. However, the purchaser shall be entitled to the benefit of any decrease in price and cost on any ground, whatsoever, of the goods & services, supplied during the period of delay. The purchaser's letter (to the supplier, with copies endorsed to other concerned) extending the delivery period will be subject to the above conditions.

xii) Warranty Clause: Manufacturer's standard warranty clause is acceptable.

xiii) Dispute Resolution Mechanism: If any dispute or difference arises between the purchaser and the supplier relating to any matter connected with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions. However, if the parties fail to resolve the dispute or difference by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration. The arbitration shall commence thereafter. The arbitration shall be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR and the procedure to be followed in this respect will be as per the Indian Arbitration and Conciliation Act 1996. The venue of the arbitration shall be the place from where the contract is issued.

2. Bidders are also required to fulfill the following conditions and furnish the details as indicated in subsequent paragraphs.

- a. At the time of awarding the contract, the purchaser reserves the right to increase or decrease, the quantity of goods and services as specified in the List of Requirements, without any change in the unit price or other terms and conditions.
- b. Please furnish a certified copy of Bidder latest ITCC (Income Tax Clearance Certificate) or relevant supporting documents.

- c. Please indicate if Bidder is currently registered with any Govt. Organization and if registered, furnish all relevant details.
- d. Please states whether business dealings with Bidder firm presently stand banned by any Government organization and, if so, furnish relevant details.
- e. A supplier shall not submit more than one quotation for the same set of goods. No pooling should be done in association with any other supplier.
- f. The supplier shall at all be responsible, at no cost to the purchaser, against all third party claims of infringement of patent, trademark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.
- g. Correction or over-writing in the tender document is not permissible. The quotation(s) as well as the contract shall be written in English language. All correspondence and other documents pertaining to the quotation(s) and the contract, which the parties exchange, shall also be written in English. The quotation and all correspondence and documents relating to the quotation Exchanged between the bidder and the purchaser may also be written in Hindi language provided that the same is accompanied by an English translation, in which case, for the purpose of interpretation of the quotation, the English translation shall govern.
- h. The contract shall be governed by the laws of India and interpreted in accordance with such laws.
- i. The quotation/offer shall remain valid for acceptance for a period not less than 90 days after the specified date of opening of the offers.
- j. A DD as Earnest Money in favour of “**The Director, ICAR Unit NBAIM, Mau**” payable at **Maunath Bhanjan** is to be enclosed along with the quotation. No quotation shall be considered without the Earnest money deposit (EMD).
- k. In case, the successful bidder shows inability at any stage, after the contract is finalized and awarded for whatsoever reason(s), to honour the contract, the EMD/Performance Security deposited would be forfeited.
- l. **The firm to whom the tender will be awarded, will have to deposit the performance security equal to 5% of the total amount tentatively arrived till such time the period of contract expires. If the supply/services are not found to be satisfactory, the performance security is liable to be forfeited.**
- m. PAN No./ TIN No. and other details should be provided in respective annexure.
- n. Mere declaration that specification is according to indenter’s requirement would not be sufficient, unless & until supported by proper manufactures brochures.
3. The quotation shall be sealed in an envelope. The envelope shall be addressed to the purchaser and it should also bear the "Tender enquiry no. and the words "**DO NOT OPEN BEFORE 11:30AM ON 14.06.2016**". This envelope should then be put inside another envelope, which will also be duly sealed. The outer envelope will bear the full address of the purchaser. The supplier must ensure that its tender (i.e. quotation), duly sealed as above, reaches the purchaser at least one hour before the time and date of opening of tenders. The supplier may, at its choice, send the tender by regd. post or by speed post. Alternatively, the supplier may also hand delivery the tender to the purchaser in which case the purchaser shall give the supplier a receipt, indicating the time & date of receipt of the tender.

4. The tenders, which are received late by the purchaser will be ignored. Further, the purchaser does not accept any liability and responsibility for the tenders in case the same are not properly sealed and marked and/or sent as above.
5. The tenders, which are received on time (as per para 3 above), will be opened at ICAR-NBAIM Office, Mau at **11:30 AM on 14.06.2016** . The purchaser will open the tenders in the presence of the tender's duly authorized representatives, who choose to attend the tender opening.
6. The purchaser will evaluate and compare the quotations which are substantially responsive i.e. which are properly prepared and signed and meet the required terms & conditions, specifications etc. The purchaser will award the contract to the supplier whose quotation will be determined to be responsive and offering the best evaluated deal.
7. The Institute will not be held responsible for any sort of postal delay of any tender form received after stipulated date & time as specified above shall be deemed as summarily rejected. Tenders forms so received will be opened on the stipulated date & time in the presence of tenders or their authorized agents. ***The purchaser reserves the right to accept or reject any or all quotations at any time prior to or after supply order, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenders.***
8. ***Please submit Bid quotation accordingly. Bidder shall sign all the pages of Bid quotation. Bidder price quotation may be furnished in the format enclosed as Annexure-V. Bidder are also required to return this original tender enquiry (all the pages), as it is, duly signed by Bidder on every page, for our record. Bidder may retain a photocopy of this tender enquiry for Bidder records.***
9. The larger outer cover/ envelope should indicate **Tender Number, Name of the item and opening date on the top of the right hand corner.**

Encl: Annexure-I, II, III, IV, V

Administrative Officer

Annexure-I

Name of the firm : -----

Registered/Postal Address : -----

1.	Phone number/Mobile number	
2.	E-mail Address	
3.	PAN No	
4.	VAT/TIN no., if applicable	
5.	Bank Details: Bank Name: Branch Address with Phone No. Account No.: Type of account (Current/Saving):	
6.	RTGS/IFSC code & Branch	

Note: Kindly furnish the following information along with Bid quotation:

The envelope shall be addressed to the purchaser and it should also bear the “**Tender enquiry no. and the words “Do not open before 11:30 AM on 14.06.2016.**”

(Signature of the Proprietor /representative of the firm)

(Printed on letter head of firm)

TO WHOM IT MAY CONCERN

We hereby certify that our firm

..... has

not been black listed by any Government, or semi
Government department in India.

(Signature of the Firm with Seal)

LIST OF EQUIPMENTS REQUIRED

Sr. No.	Equipment	Qty	EMD (In Rs.)	Tender fee (In Rs.)	Bid	
14.	Table top cooled microcentrifuge	02	20000	500	Single bid system would be followed	
15.	Distillation Unit	01	5000	500		
16.	Horizontal Gel Electrophoresis systems(Mini, Midi and large with power pack	01	6000	500		
17.	Horizontal electrophoresis unit with power pack	03	10000	500		
18.	Thermal Cycler	05	40000	500		
19.	Mini Vertical electrophoresis	02	6000	500		
20.	Laminar airflow	02	6000	500		
21.	U.V /vis Transilluminator	01	2000	500		
22.	Gel documentation system	01	12000	500		
23.	Gel Electrophoresis	01	6000	500		
24.	Air conditioner(in various capacity)	03	3000	500		
25.	Furniture and fixtures	As per required	5000	500		
26.	Temperature controlled high speed centrifuge with rotors	01	50000	500		Two bid system

TECHNICAL SPECIFICATION OF EQUIPMENTS REQUIRED – Technical specification should be indicated point wise in their tender supported by leaflet or brochure/s.

1. Table top cooled microcentrifuge

1. System should be microprocessor controlled, have large and individual LED display for easy visibility of different system parameters.
2. Have touch key pads for easy data entry.
3. Have safety features like lid and lid interlock.
4. Noise level should be less than 65 dB.
5. Maximum speed:13000rpm or higher; maximum rcf:17000Xg or more.
6. Temperature set range should be from -5° C to +40° C.
7. Should be supplied with 24X1.5/2ml rotor for microtubes.
8. All optional rotors, accessories and stabilizer of appropriate rating should be quoted.
9. Original company literature from principal company, manufacturer must be supplied clearly verifying all specifications.
10. Warranty: 2 years from the date of installation.

2. Distillation Unit

Specifications

- Double distilled water output of 2 litres/hr.
- EC should be between 0.2 to 0.5 microsiemens.
- Boilers and condensers: Quartz grade
- Unit should be housed horizontally in a compact corrosion free cabinet.
- The unit should have safety or auto cutoff.
- Warranty should be of 2 years.

3. Horizontal Gel Electrophoresis

- Basic unit with lid and connecting cords
 - i. Made of clear transparent single mould acrylic.
 - ii. Platinum electrodes
 - iii. Electrodes plug-in type
 - iv. Electrode plug essentially & conveniently compatible with power packs of other standard Indian & International brands.
 - v. Easy visibility of the dye
 - vi. Should be supplied with 2 pairs of connection cords
- Should comprise the following components-
 1. Mini Horizontal Gel electrophoresis unit with-
 - Combs of 10 or 15 wells
 - Comb thickness: 0.75/1.0/1.5 mm
 - Run up to 20 samples at once
 2. Midi Horizontal Gel Electrophoresis unit with-
 - Combs of 15 or 20 wells
 - Comb thickness: 0.75/1.0/1.5 mm
 - Run up to 40 samples at once
 - Combs should be positioned anywhere along the length of the tray
 3. Maxi Horizontal Gel electrophoresis System with-
 - Combs of 30 or 40 wells
 - Comb thickness: 0.75/1.0/1.5 mm
 - Run more than 80 samples at once
 - Combs should be positioned anywhere along the length of the tray
- Power pack
 - i. Output range to be programmable ; Volts: 10-500V, Current : 0.01-2.5A, Power: 1-500W
 - ii. Output type should be constant voltage, constant current, or constant power
 - iii. Timer: 1 min-99hr, 59 min
 - iv. Volt hour control should be present
 - v. Pause/resume function should be present
 - vi. LCD display
 - vii. Programmable methods should be present
 - viii. Real time clock
 - ix. Automatic recovery after power failure should be present
 - x. Data transferring /archiving option to be present
 - xi. Safety features : sudden load change detection, short circuit detection, overvoltage protection
 - xii. Operating conditions: 0-45°C; 0-95% humidity
 - xiii. Number of output jackets should be at least 4 sets in parallel
 - Casting of the gel in casting unit – Tape free casting
 - Comb stand
 - Comb height should be adjustable and convenience in fixing the combs.
 - All Accessories should be quoted
 - On-site Warranty: - 2 Yrs,
 - Compatible stabilizer

4. Horizontal electrophoresis unit with power pack

- **Basic unit with lid and connecting cords**
 - i. Made of clear transparent single mould acrylic.
 - ii. Platinum electrodes
 - iii. Electrodes plug-in type
 - iv. Electrode plug essentially & conveniently compatible with power packs of other standard Indian & International brands.
 - v. Easy visibility of the dye
 - vi. Should be supplied with 2 pairs of connection cords
- **Should comprise the following components-**
 1. **Mini Horizontal Gel electrophoresis unit with-**
 - Combs of 10 or 15 wells
 - Comb thickness: 0.75/1.0/1.5 mm
 - Run up to 20 samples at once
 2. **Midi Horizontal Gel Electrophoresis unit with-**
 - Combs of 15 or 20 wells
 - Comb thickness: 0.75/1.0/1.5 mm
 - Run up to 40 samples at once
 - Combs should be positioned anywhere along the length of the tray
 3. **Maxi Horizontal Gel electrophoresis System with-**
 - Combs of 30 or 40 wells
 - Comb thickness: 0.75/1.0/1.5 mm
 - Run more than 80 samples at once
 - Combs should be positioned anywhere along the length of the tray
- **Power pack**
 - i. Output range to be programmable ; Volts: 10-500V, Current : 0.01-2.5A, Power: 1-500W
 - ii. Output type should be constant voltage, constant current, or constant power
 - iii. Timer: 1 min-99hr, 59 min
 - iv. Volt hour control should be present
 - v. Pause/resume function should be present
 - vi. LCD display
 - vii. Programmable methods should be present
 - viii. Real time clock
 - ix. Automatic recovery after power failure should be present
 - x. Data transferring /archiving option to be present
 - xi. Safety features : sudden load change detection, short circuit detection, overvoltage protection
 - xii. Operating conditions: 0-45°C; 0-95% humidity
 - xiii. Number of output jackets should be at least 4 sets in parallel
 - Casting of the gel in casting unit – Tape free casting
 - Comb stand
 - Comb height should be adjustable and convenience in fixing the combs.
 - All Accessories should be quoted
 - On-site Warranty: - 2 Yrs,
 - Compatible stabilizer

5. Thermal Cycler

Peltier based Gradient Thermal cycler power supply: 220-230 volt, 50-60 Hz.

2. Should have facility for heated lid with temperature of ≥ 105 °C
3. Sample capacity 96 x 0.2ml tubes with gradient capability.
4. Gradient range should be 1 to 20 °C.
5. Should have minimum ramp rate of 4 to 5 °C sec⁻¹ for heating and 3.5 to 4 °C sec⁻¹ for cooling or better.
6. Should have a temperature range of 4-99 °C or better.
7. Should have a block temperature accuracy of ± 0.4 °C or less and Gradient accuracy: 0.3 °C or less.
8. Should have a touch screen to enter the parameters.
9. Should have an internal memory of > 200 programs or better.
10. Should have provision for USB port for transfer of files.
11. Provision for auto restart in case of power interruption.
12. Should be licensed certified PCR for research with documentary proof.
13. Should have CE certification.
14. Should be supplied with 2KVA online UPS with 30 minutes or more power back-up.
15. Original company literature from principal company, manufacturer must be supplied: clearly verifying all specifications.
16. Warranty: Two year from the date of installation.

Note: AMC charges for 3 years after completion of warranty to be mentioned.

06. Mini vertical electrophoresis

1. Should be capable to run two gels simultaneously.
2. Gel dimensions: 10-15cm X 10-15 cm or more.
3. Should have leak free casting system.
4. Safety Lid with attached leads. Should be provided with one extra pair of leads.
5. Quote rates (in the unit price) for notched glass plates (4 pairs), spacers (one pair each of 0.75 mm, 1.00 mm and 1.5 mm), combs with 10-20 wells compatible with the supplied spacers and clamps and clamp assemblies (two sets) if needed.

6. Spirit level- optional.
7. Any other essential accessory needed for efficient use of equipment to be quoted. To supply along with technical brochure, literature, authorization from principal and compliance.
8. Warranty: 2 years from the date of installation

07. Laminar airflow

1. The system should be approved by Bureau of Indian Standards
2. Laminar airflow with horizontal airflow and suitable for all kinds of microbiological works
3. Size should be ~6 ft. X 2 ft. X 2 ft.
4. Body duly powder coated from outside with stainless steel working table.
5. Steel make bottom platform area for work, Polycarbonate side panels, Stove enamel painted and stand
6. Detachable system for working table from rear
7. High capacity motor/blower system.
8. Separate lighted power ON/OFF indicator switches for blower and lighting
9. Mounted pre-filters that are easy to change
10. Sealed cooled fluorescent light
11. 5/15 Amp single phase safety with switches for external equipment
12. Power supply 220V / 50Hz
13. UV light 2 nos. 30W 254 nm which aids in decontamination of working area
14. HEPA filters (0.3 μm or better) which are DOP tested, efficiency 99.99%
15. Polycarbonate / Acrylic transparent front door with pneumatic hinges
16. Gas cock fittings – No. 2
17. Less vibrant and noise level about 500 Db.
18. Quote all accessories and models, in unit price, list of consumables
19. Onsite warranty: - 2 yrs.
20. Original company literature from principal company / Manufacturer must be supplied, clearly verifying all specifications.
21. User list in India
22. Installation – Free of cost

08. U.V/vis Transilluminator

1. Illuminator should have source for both white light and UV light for visualization of protein and nucleic acids – Two-in- one type
2. It should have stainless steel filter frames
3. It should have high quality reflectors
4. Angle resistant UV blocking cover
5. Wavelength of 254 nm and 365 nm
6. Provision to accommodate 6 tubes of 8 watts or better
7. Filter area of $\geq 20 \times 20$ cm
8. It should come with all accessories like UV face shield, UV Goggles
9. Two years warranty

Optional:

10. Quote for a set of spare UV tube lights (unit price to be quoted)

09. Gel documentation system

1. Gel Documentation System 220 Volts
2. CCD resolution (HxV)- more than 1200 x900 pixel arrays
3. Camera image gradation: 16-bit (65,536 grey scales), Pixel density: 12 bit or better
4. Exposure time - 0.01 mili-seconds to 10 seconds
5. Illumination modes: Trans-UV, white and Epi-white
6. Filter holder: 3 positions. 2 for filters, 1 without filter
7. Excitation source: Ultraviolet and white light
8. Transillumination area: 25x26 cm min
9. Software: Customized report generation, including images, data and analysis of results, Lane Profile Analysis, Molecular Weights calculation. Colony counting.
10. Computer-- Branded system with I-5 processor, 4 GB RAM, 1 TB Hard Disk, 21” TFT Monitor, Wireless Key board and Mouse, Combo Drive, pre-installed Windows software, Branded printer, Warranty Two years.

10. Gel electrophoresis unit

1. Basic unit with lid and connecting cords

- i. Made of clear transparent single mould acrylic.
- ii. Platinum electrodes
- iii. Electrodes plug-in type
- iv. Electrode plug essentially & conveniently compatible with power packs of other standard Indian & International brands.
- v. Easy visibility of the dye
- vi. Should be supplied with 2 pairs of connection cords

2. Should comprise the following components-

1. Mini Horizontal Gel electrophoresis unit with-

2. Midi Horizontal Gel Electrophoresis unit with-

3. Maxi Horizontal Gel electrophoresis System with-

- Combs of 10 or 15 wells
- Comb thickness: 0.75/1.0/1.5 mm
- Run up to 20 samples at once
- Combs of 15 or 20 wells
- Comb thickness: 0.75/1.0/1.5 mm
- Run up to 40 samples at once
- Combs should be positioned anywhere along the length of the tray
- Combs of 30 or 40 wells
- Comb thickness: 0.75/1.0/1.5 mm
- Run more than 80 samples at once
- Combs should be positioned anywhere along the length of the tray

3. Power pack

- Output range to be programmable ; Volts: 10-500V, Current : 0.01-2.5A, Power: 1 - 500W
- Output type should be constant voltage, constant current, or constant power
- Timer: 1 min-99hr, 59 min
- Volt hour control should be present

- Pause/resume function should be present
- LCD display
- Programmable methods should be present
- Real time clock
- Automatic recovery after power failure should be present
- Data transferring /archiving option to be present
- Safety features : sudden load change detection, short circuit detection, overvoltage protection
- Operating conditions: 0-45°C; 0-95% humidity
- Number of output jackets should be at least 4 sets in parallel

4. Casting of the gel in casting unit – Tape free casting

5. Comb stand

6. Comb height should be adjustable and convenience in fixing the combs.

7. All Accessories should be quoted

8. On-site Warranty: - 2 Yrs,

9. Compatible stabilizer

11. Air Conditioner

Sl. No.	Items- Air-conditioners	Specification	Quantity Required
1	Air-Conditioner	2- Ton, Split, Energy efficient with stabilizer with installation	01 pc
2	Air-conditioners	1.5 Tons, split, Energy efficient with stabilizer with installation	02 pcs

12. Furniture and fixtures

Sl. No.	Items	Specifications	Quantity Required
1	Chairs	Low neck, black colour, revolving and movable, durable, height adjustable	4 pcs
2	Stool	Revolving with seat cushion, movable, height adjustable	4 pcs
3	Floor box Fixture	36''X15''30''(L X W X H) Steel body high gaze (brown colour) partitioned with 2 self, fitted with double door system of wooden board (tick colour) with lock & handle.	6 pcs
4	Wall box Fixture	48'' X 24'' X 10'' (L X H X W) Steel body high gaze (brown colour) partitioned with 2 halves, fitted with double door system of wooden board (tick colour) with lock & handle.	1 pcs
5	Wall box Fixture	36'' X 24'' X 10'' (L X H X W) Steel body high gaze (brown colour) partitioned with 2 halves, fitted with double door system of wooden board (tick colour) with lock & handle	2 pcs
6	Wall box Fixture	30'' X 24'' X 10'' (L X H X W) Steel body high gaze (brown colour) partitioned with 2 halves, fitted with double door system of wooden board (tick colour) with lock & handle	3 pcs

Format of Price Quotation

S. No.	Name of Equipment(s)	Make and model	Qty.	Price	TAXES		Total amount
					VAT/SAT	Other charges, if any	
1.							

Total in words:

- We confirm that our offer will remain valid or acceptance for 60 days after the date of opening of tenders.

(Sign & Seal of the tendering firm with address with date and place)



भा.कृ.अनु.प.- राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव ब्यूरो
ICAR-NATIONAL BUREAU OF AGRICULTURALLY IMPORTANT MICROORGANISMS
पोस्ट व ग्राम - कुशमौर, मऊ (उ.प्र.) २७५१०३



Village & PO : Kushmaur, Mau 275103 (UP)

Tel : (0547) 2530080, FAX : (0547) 2530381, E-Mail : nbaimicar@gmail.com, (Web): www.nbaim.org.in

NOTICE INVITING TENDER THROUGH TWO BID SYSTEM

Sub: Purchase of Equipments item no. 13 Temperature controlled high speed centrifuge with rotors through two bid system - reg.

Dear Sir,

We have a requirement of above said equipments for which Bids are invited to submit Bidder most competitive quotation for the same. The envelope containing the quotations should be superscripted as **"TENDER FOR ITEMS (Name of items) & No.** Tender should reach at The Director, ICAR- National Bureau of Agriculturally Important Microorganism, Kushmaur Mau (U.P.) - 275103 on **14.06.2016 till 11:00 AM** which will be opened at **14.06.2016 at 11:30AM**. A DD of Rs. 500/- as tender fee i/r/o each items will be required, which is payable to The Director, ICAR Unit NBAIM, Mau payable at Maunath Bhanjan. All the relevant details are given below:-

- I. Description of the goods required and : **(As enclosed in Annexure-VIII)**
the required quantity
- II Guiding specification and other Technical : **(As enclosed in Annexure-IX)**
Details
- III. Terms of delivery (Delivery at site) : **FOR ICAR-NBAIM, MAU**
- IV. Delivery period for goods : **Within 60 days from the date of the purchase order**
- V. Erection/installation and commissioning (if : Completed within 07 (seven) days of delivery
required, depending on the goods ordered) of the goods at site.
- VI. Terms of Inspection by the purchaser's : **Indenting Officer**
representative
- VII. Training of Purchaser's operator(s) for : ICAR-NBAIM operator (s) for operating the
operating the goods ordered, as and if goods ordered, as and if necessary ICAR-
necessary NBAIM operator(s) is/are to be trained for a
period of 02 days/weeks at Directorate
premises/supplier's premises for successfully
operating the goods purchased. The training
shall be completed within 07 days of
installation.

VIII. Price structure

- a. The tenderer shall quote for the complete requirement of goods & services and for the full quantity as shown against a serial number in the list of requirements in Annexure-VIII, the tenderer are, however, free not to quote against all the serial numbers mentioned in the List of Requirements (in case there are more than one serial number in the list of requirements).
- b. **Specification quoted by the firm should be attached literature, leaflet/brochure of the equipments /items with the tender documents essentially.**
- c. All duties, taxes and levies payable by the supplier under the contract shall be included in the quoted price. The purchaser will not pay any such duties, taxes and levies separately. However, VAT/S.T., as legally and contractually leviable, will be quoted separately by indicating the nature and the current rate of VAT/Sales Tax, as applicable at the time of quoting. The sales tax will be paid extra at actual at the time of supply provided the transaction of sale is legally liable to sales tax and the amount of the sales tax is contractually payable. If the supplier in its quotation does not ask for sales tax extra, the same shall not be paid even if asks for the same at the later date.
- d. The rates and prices quoted by the supplier shall remain firm and fixed during the currency of the contract and shall not be subject to variation on any account whatsoever, including statutory variations, if any. However, sales tax will be paid extra as per provision under Clause viii (c) above.

ix) Receipt of goods and Terms of Payment:

- a. Payment terms for supply of goods, including erection/ installation and commissioning (as and when applicable). Immediately on receiving the goods at site, the purchaser will verify the quantities of the items supplied as specified in the delivery challan of the supplier and also check for any superficial damage etc. in the goods so supplied and issue a provisional receipt accordingly. If the goods supplied do not require erection/ installation and commissioning at site, the purchaser, within two working days of issue of the provisional receipt, will issue acceptance certificate(of the goods) to the supplier, provided the goods supplied are acceptable in terms of the contract. However, if the goods supplied also need erection/ installation and commissioning, the purchaser will issue acceptance certificate within two working days, after successful erection/ installation and commissioning. The

supplier will then send its invoice along with the purchaser's acceptance certificate and other accompanying documents to the paying authority for payment. The paying authority will release the full payment to the supplier as due in terms of the contract, within fifteen working days of receipt of supplier's invoice, purchaser's receipt certificate and other accompanying documents, provided the same are in order.

B. Training of purchaser's operator(s), if applicable - Before release of payment to the supplier as per sub-para (a) above and a certificate required i/r/o successful completion of training of the operator(s) in terms of the contract.

x) Paying Authority: The Assistant Finance & Accounts Officer, on behalf of the Director, ICAR-NBAIM.

xi) Liquidated Damage Clause: The purchaser reserves all right to accept or deny the extension of delivery period. If any time during the performance of the contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall promptly inform the purchaser in writing the fact of the delay and the likely duration of the same. After receipt of supplier's communication, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion after the existing delivery period, or to extend the delivery period suitably by issuing an amendment to the contract. If the supplier fails to deliver the goods and/or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier's control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% (half per cent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance. The maximum limit of such deduction will, however, be 10% (ten per cent) of the contract price of the delayed goods or services, after which the order will be treated, cancelled. The liquidated damage will also include damage due to delay in supply, installation and training. Further, during such delayed period of supply and/or performance, the supplier shall not be entitled to any increase in price and cost, whatsoever, on any ground. However, the purchaser shall be entitled to the benefit of any decrease in price and cost on any ground, whatsoever, of the goods & services, supplied during the period of delay. The purchaser's letter (to the supplier, with copies endorsed to other concerned) extending the delivery period will be subject to the above conditions.

xii) Warranty Clause: Manufacturer's standard warranty clause is acceptable.

xiii) Dispute Resolution Mechanism: If any dispute or difference arises between the purchaser and the supplier relating to any matter connected with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions. However, if the parties fail to resolve the dispute or difference by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration. The arbitration shall commence thereafter. The arbitration shall be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR and the procedure to be followed in this respect will be as per the Indian Arbitration and Conciliation Act 1996. The venue of the arbitration shall be the place from where the contract is issued.

2. Bidder are also required to fulfill the following conditions and furnish the details as indicated in subsequent paragraphs.

- a. At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to 25%, the quantity of goods and services as specified in the List of Requirements, without any change in the unit price or other terms and conditions.
- b. Please furnish a certified copy of Bidder latest ITCC (Income Tax Clearance Certificate) or relevant supporting documents.
- c. Please indicate if Bidder is currently registered with any Govt. Organization and if registered, furnish all relevant details.
- d. Please states whether business dealings with Bidder firm presently stand banned by any Government organization and, if so, furnish relevant details.
- e. A supplier shall not submit more than one quotation for the same set of goods. No pooling should be done in association with any other supplier.
- f. The supplier shall at all times be responsible, at no cost to the purchaser, against all third party claims of infringement of patent, trademark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.
- g. Correction or over-writing in the tender document is not permissible. The quotation(s) as well as the contract shall be written in English language. All correspondence and other documents pertaining to the quotation(s) and the contract, which the parties exchange, shall also be written in English. The quotation and all correspondence and documents relating to the quotation Exchanged between the bidder and the purchaser may also be written in Hindi language provided that the same is accompanied by an English translation, in which case, for the purpose of interpretation of the quotation, the English translation shall govern.
- h. The contract shall be governed by the laws of India and interpreted in accordance with such laws.
- i. The quotation/offer shall remain valid for acceptance for a period not less than 90 days after the specified date of opening of the offers.
- j. A DD as Earnest Money in favour of “**The Director, ICAR Unit NBAIM, Mau payable at Maunath Bhanjan**” is to be enclosed along with the quotation. No quotation shall be considered without the earnest money deposit (EMD).
- k. In case, the successful bidder shows inability at any stage, after the contract is finalized and awarded for whatsoever reason(s), to honour the contract, the EMD/Performance Security deposited would be forfeited.
- l. **The firm to whom the tender will be awarded, will have to deposit the performance security equal to 5% of the total amount tentatively arrived till such time the period of contract expires. If the supply/services are not found to be satisfactory, the performance security is liable to be forfeited.**
- m. PAN No./ TIN No. and other details should be provided in respective annexure.
- n. Mere declaration that specification is according to indenter’s requirement would not be sufficient, unless & until supported by proper manufactures brochures.

3. The quotation shall be sealed in an envelope. The envelope shall be addressed to the purchaser and it should also bear the "Tender enquiry no. and the words **"DO NOT OPEN BEFORE 11:30 AM ON 14.06.2016 "**". This envelope should then be put inside another envelope, which will also be duly sealed. The outer envelope will bear the full address of the purchaser. The supplier must ensure that its tender (i.e. quotation), duly sealed as above, reaches the purchaser at least one hour before the time and date of opening of tenders. The supplier may, at its choice, send the tender by regd. post or by speed post. Alternatively, the supplier may also hand deliver the tender to the purchaser in which case the purchaser shall give the supplier a receipt, indicating the time & date of receipt of the tender.
4. The tenders, which are received late by the purchaser will be ignored. Further, the purchaser does not accept any liability and responsibility for the tenders in case the same are not properly sealed and marked and/or sent as above.
5. The tenders, which are received on time (as per para 3 above), will be opened at ICAR-NBAIM Office, Mau at **11:30AM on 14.06.2016** The purchaser will open the tenders in the presence of the tender's duly authorized representatives, who choose to attend the tender opening.
6. The purchaser will evaluate and compare the quotations which are substantially responsive i.e. which are properly prepared and signed and meet the required terms, conditions, specifications etc. The purchaser will award the contract to the supplier whose quotation will be determined to be responsive and offering the best evaluated deal.
7. The Institute will not be held responsible for any sort of postal delay any tender form received after stipulated date & time as specified above shall be deemed as summarily rejected. Tenders forms so received will be opened on the stipulated date & time in the presence of tenders or their authorized agents. *The purchaser reserves the right to accept or reject any or all quotations at any time prior to or after supply order, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenders.*
8. *Please submit Bid quotation accordingly. Bidder shall sign all the pages of Bid quotation. Bid price quotation may be furnished in the format enclosed as Annexure-X. Bidder are also required to return this original tender enquiry (all the pages), as it is, duly signed by Bidder on every page, for our record. Bidder may retain a photocopy of this tender enquiry for Bidder records.*
9. The larger outer cover/ envelope should indicate **Tender Number, Name of the item and opening date on the top of the right hand corner.**
10. Other terms and conditions:

SUBMISSION OF BID

The Bidding Process shall be in **two parts**, viz.

Part-I: Qualifying documents and Technical Bid

Part- II: Financial Bid

SUBMISSION OF BIDS:

The proposal must consist of two separate envelopes as follows:

“Qualifying documents and Technical Bid”

The First envelope must enclose the following documents and should be marked in bold letter as **“Qualifying documents and Technical Bid”**.

1. A brief description of the firm and an outline of recent experience in assignments of a similar nature
2. Proof of registration central or State Govt. or equivalent
3. Proof of Sales Tax Registration, PAN Card Details
4. Copy of Income tax & sales tax return
5. List of user Departments with their contact number/ address,
6. Firm / Companies has to give an undertaking, that his/ her firm/ company is not barred or black listed & also declare that his company is having no legal case by any department or institute
7. Firm / Companies may have to give technical presentation in front of a committee or official, if need be.
8. A DD of Rs. 500/- as tender fee and Earnest Money (as indicate in the list Equipment) i/r/o each items will be required, which is payable to The Director, ICAR Unit NBAIM, Mau payable at Maunath Bhanjan.
9. Technical specification of Equipment for which tender has been submitted. Technical specification should be indicated point wise in their tender supported by leaflet or broacher/s.

“FINANCIAL BID” - The second envelope must enclose Financial Bids envelope superscribing **“FINANCIAL BID”**. Both the bids will be sealed in a bigger envelope and super scribed as **“Tender for..... (Name of equipment)”**. The bid document should be properly numbered and signed on each page by the authorized signatory of the company under company seal and submitted in proper manner.

Bids with all the relative annexure and the detailed proposal of the bidders solicited herewith in this document should be submitted to stipulate date of Submission of Bid.

Evaluation of Technical Bid

The Technical bid will be examined by ICAR-NBAIM which may call for clarifications/additional information from the bidders.

Validity of Proposal

Financial Bid of the bidders who have been short-listed by the Evaluation Committee will only be opened. The price quoted in Financial Bid should be inclusive of all taxes, duties, transpiration and any other charges. No price escalation on any ground whatsoever will be entertained during the period of validity of the rates.

INSTRUCTIONS TO THE BIDDER

General Terms & Conditions of the Quotation

- Any incomplete or ambiguous terms/conditions/quotes will be declared as disqualify.
- ICAR-NBAIM reserves the right to accept/ reject any or all Proposal/s without assigning any reason thereof.
- ICAR-NBAIM reserves the right to stop the process at any stage and go in for fresh bidding without assigning any reasons thereof.
- Bidder should provide details of their Fax, email and full address(s) to ensure that replies to Bids could be conveyed promptly.
- Please read the term & conditions laid down in this document carefully.
- Please fill in the relevant information in the blanks provided.
- Please sign in full by the Authorized Signatory (ies) with company seal in all the relevant Annexure and return the complete set in sealed cover.
- Bids not fulfilling any or all of the conditions prescribed or which are incomplete are liable to be rejected.
- No consideration will be given to bids received after the time stipulated above. Any extension of time shall be sole discretion of ICAR-NBAIM.
- The firm should not have been black listed by any Govt. Bodies/ PSUs etc.

Encl: Annexure-VI, VII, VIII, IX, X

(Ajay Kumar Soni)
Administrative Officer

Name of the firm : -----

Registered/Postal Address : -----

1.	Phone number/Mobile number	
2.	E-mail Address	
3.	PAN No	
4.	VAT/TIN no., if applicable	
5.	Bank Details: Bank Name: Branch Address with Phone No. Account No.: Type of account (Current/Saving):	
6.	RTGS/IFSC code & Branch	

Note: Kindly furnish the following information along with Bid quotation:

The envelope shall be addressed to the purchaser and it should also bear the “**Tender enquiry no. and the words “Do not open before 11:30AM on 14.06.2016.**”

(Signature of the Proprietor /representative of the firm)

(Printed on letter head of firm)

TO WHOM IT MAY CONCERN

We hereby certify that our firm

.....

has not been black listed by any Government, or semi Government department in India.

(Signature of the Firm with Seal)

LIST OF EQUIPMENT REQUIRED

Sr. No.	Name of Equipment	Qty	Bid security (in Rs).	Bid system
01.	Temperature Controlled high speed centrifuge with rotors	01	50000	Two bid system

TECHNICAL SPECIFICATION OF EQUIPMENT REQUIRED – Technical specification should be indicated point wise in their tender supported by leaflet or brochure/s.

1. Temperature controlled high speed with rotors

Should be Microprocessor controlled for all operations and large TFT Display Screen.

2. Maximum speed should be at least 25000 RPM or more
3. Machine should have a capacity and space for running different types of rotor such as:
 - a) PCR strip rotor 12 x 8 x 0.2 ml
 - b) Fixed angle rotor for 6 x 85 ml
 - c) Fixed angle rotor of 6 x 30 ml tubes
 - d) Fixed angle rotor of 10 x 10 ml tubes
 - e) Bucket rotor
 - f) Plate rotor
 - g) Drum rotor
4. Machine should be able to maintain temperature ranging from -4 to +40°C.
5. Should be fitted Maintenance free, noiseless, brush-less motor drive
6. Should have self-diagnostic error messages & audible alarm
7. Fitted with Motorized lid locks with facility of automatic lid opening after the run
8. Rotors should be autoclaveable
9. Compatible Stabilizer
10. System compliance with ISO and CE is mandatory. Firms quoting for the tender should enclose authorization from Principal Company.

11. Should enclose documentary proof in the form of catalogue mentioning about all the features that are quoted

12. User list to be enclosed

13. Warranty: 2 years

Accessories Required

14. Fixed Angle rotor for 6 x 50 ml culture tube with minimum 14000 rpm; minimum rcf: 20,300 x g or more.

15. Adapter for 15/50 ml round bottom and culture tubes for Fixed Angle rotor for 6 x 50 ml.

16. Swing out Rotor 4 place for 4 x 100-120 ml with bucket for 4 x 50 culture tube and 15 ml adapter with minimum 5000 rpm; minimum rcf. 3700 x g

Annexure X

Format of Price Quotation

S. No.	Name of Equipment(s)	Make and model	Qty.	Price	TAXES		Total amount
					VAT/SAT	Other charges, if any	
1.							

Total in words:

- We confirm that our offer will remain valid or acceptance for 60 days after the date of opening of tenders.

(Sign & Seal of the tendering firm with address with date and place)