

BID DOCUMENT

(e - Publishing)

Supply of Biophotometer with Peltier Temperature control and Mixing facility for kinetic analysis



Issued On:

10-06-2019

**BANARAS HINDU UNIVERSITY
VARANASI-221005, INDIA**

SECTION I: NOTICE INVITING TENDERS (NIT)

1. Sealed tenders are invited from the eligible, capable and registered bidders of BHU and or the Central Public Procurement Agency of Government of India. Unsolicited offers are liable to be ignored. However, suppliers who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration as per procedure. Note: to get registered as an approved supplier with the Procuring Entity, please download supplier approval form and submit.
2. Bidders /Tenderers can download the bid document from Central Public Procurement Agency website at www.eprocure.gov.in .Tender document can also be downloaded from the University website at www.bhu.ac.in For further details regarding Amendment /Addendum /Extension please visit website: www.eprocure.gov.in and www.bhu.ac.in
3. Bidders/Tenderers need to submit the required documents like GST registration, PAN Number/Card, valid document regarding the existence and registration of the firm along with the bid, as per Check List.
4. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organisation is large scale industry or small scale industry. If you have NSIC/MSE/MSI/DGS&D Certificate, please attach it to the quotation. Mention your registration details.
5. Complete details and ISI specification if any must accompany the quotation. Make/brand of the items shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.
6. Samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labelled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at your cost if insisted.
7. The bids will be opened by a committee of members duly constituted for the purpose at the time and date as specified in the tender document. In the event of the date being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
8. The bidders should submit the **Price Bid** and filled in the blank spaces provided for mentioning the name of bidder and rates. Bidders need not modify any other text or replace it with any other copy of same **Price Bid format**. The prices quoted should be firm till the supplies are completed. Please quote the rates in words and figures. Rates quoted should be free delivery at destination including all charges otherwise the quotation is likely to be rejected. Prices quoted for free delivery at destination will be given preference. If there is no indication regarding the F.O.R., in the quotation, then it will be considered as F.O.R. destinations. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation.
9. The Financial bid (price bid) of only technically qualified bidders will be opened by a committee and the result will be displayed on the www.eprocure.gov.in which can be seen by all bidders who participated in the tender.
10. Tenderers should indicate whether the prices quoted are exclusive or inclusive of tax. They should indicate the rate(s) of tax. Payment of GST is primarily the responsibility of

the seller and will not be paid unless the percentage value is clearly mentioned in the quotations. If no indication regarding GST is recorded in the quotation, the GST will be considered as included. In case, the firm is exempted from payment of tax, a copy of the Exemption Certificate issued by the appropriate authority may be furnished. The tenderers/bidders are advised to note that in case bidders indicate higher Tax Rates in their offer compared to what is actually payable, necessary administrative actions such as deregistration, suspension of business dealing and/or banning of business dealing, in addition to recovery against the firm may be taken.

11. Cartel Formation and Quoting Prices in Pool-Tenderers may note that Offers of such firms who resort to unethical practice of cartel formation and quote prices in a pool shall be rejected and their offers shall also not be considered for award of any contract for the next two years.
12. The firm has to give an affidavit duly attested by the Notary Public (in original) on a non-judicial stamp paper of Rs. 10/= that the firm is not providing its services at lower rates quoted in this tender to any Government/Private organization or any other institution during past one year, as per "FALL CLAUSE" adhered by DGS & D/GeM and other Government agencies. Further, If at any time during the currency of contract period, the firm reduces the price or offers such services to any person (s) /organization (s) / body etc including the purchaser or any Department of Central Government or any Department of State Government or any statutory undertaking of the Central or a State Government as the case may be, at a price lower than the price chargeable under the contract, it shall forthwith inform such reduction to the Joint Registrar – Purchase and the price payable under the contract for services rendered after the date of coming into force of such reduction shall stand correspondingly reduced. However, if it is discovered later on that the firm failed to inform the University about the reduction in the service price and continues to charge higher rates, **is liable to be deducted from E.M.D. Furthermore, such firm is liable to be debarred from doing any business with the University in future.** The firm has to give self declaration as per ANNEXURE-1.
13. The firm has to give self declaration as per ANNEXURE-2 that there is no vigilance/CBI /FEMA case pending against the firm/supplier.
14. At any time prior to the date of submission of bid, Registrar, BHU, may, for any reason, whether at his own initiatives or in response to a clarification from a prospective bidder, modify the bidding documents by an amendment. All prospective bidders/ tenderer who have received the bidding document will be notified of the amendment in writing and the amendment shall be binding on them. In order to provide reasonable time to take the amendment into account in preparing the bid. Registrar, BHU, may at his discretion, extend the date and time for submission of bids.
15. The tendered rates and the validity of bids shall be for a minimum period of Six months from the date of finalisation of the contract.
16. Payments shall be made within 30 working days after satisfactory delivery of the material / execution of the order on bill basis.

All supplies are subject to inspection and approval before acceptance. Manufacturer / supplier warranty certificates and manufacturer / Government approved lab test certificate shall be furnished along with the supply, wherever applicable.

17. If the supply received do not conform to the description, the University will be entitled to reject the contract. On such rejection penalty will be imposed to the firm.

If the terms of the quotation etc. are vague, incomplete, contradictory and confusing, the offer will summarily be rejected without any information.

In case of sub-standard services/ non-execution of services within the stipulated time, the University reserves the right to impose penalty on the concerned firm.

18. Printed conditions of tender including there on to reserve or otherwise sent alongwith the tender, if any shall not be binding upon us.
19. The Tenderers are advised to submit the **ANNEXURE-3** along with other desired enclosures necessarily to ensure the eligibility criteria. Hard copies of all enclosures should reach to **Dr. Devanjan Sinha, Department of Zoology, BHU, Varanasi-221005** within the stipulated date and time.
20. BHU reserves all rights to make any changes in terms and conditions of the tender and also to reject any or all bids without assigning any reason thereof.
21. The Vice Chancellor, B.H.U. or his authorized representative shall be the final authority in all disputes and decision will be binding on all concerned.
22. Dispute clause: Any dispute related to the enquiry shall be subject to the jurisdiction of the court at VARANASI only.

For any clarification and further details contact **Telephone No: 07800766664 (Dr. Devanjan Sinha)** or contact in person during office hours.

Technical Specifications

"Summary of Technical Specifications"

| Item No | Name of Goods or Related Service | Technical Specifications and Standards |
|---------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Biophotometer with Peltier Temperature control and Mixing facility for kinetic analysis | <p style="text-align: center;"><u>Biophotometer with Peltier Temperature control and Mixing facility for kinetic analysis</u></p> <ol style="list-style-type: none"> 1. Optics must have the combination of xenon flash lamp with holographic aberration-corrected concave grating and receiver as CMOS photodiode. 2. Operating principle must be with two beams: Absorption single-beam spectrophotometer with the reference beam. 3. Instrument should operate moment switched on with no warming up time. 4. Should be compact & stand-alone system to handle sample volume ranging from 50 μL to 4 mL. 5. UV/Vis wavelength range from 200 nm to 830 nm, with spectral scanning feature. 6. Future upgrade for low volume sample measurements should be possible 7. System should also allow using conventional quartz/glass/plastic cuvettes in addition to low volume measurement. 8. Must allow rapid and reliable quantification of Nucleic acids and proteins, OD600, dye methods (to calculate the FOI (both nucleic acid & protein). 9. Should allow acquire data at user-defined wavelengths from 200 nm to 830 nm and at user preferred path-length 10. Detection limit for dsDNA: 2.5 ng/μL (with defined path-length of 10 mm). 11. Concentration via standard series must have curve fit evaluations viz., Regressions (linear, cubical, quadratic), and Interpolations (linear & Spline) with curve sections in detail with view directly on the instrument display. 12. Should allow transfer of measured data to PC by connecting the device directly to PC without any additional software in addition to transfer the data via USB stick. 13. Must have evaluation methods with factor, standard or standard series. 14. Must have Multi – wavelength, Dual-wavelength applications with subtraction and division analysis. 15. Pre-programmed methods for a quick start. 16. Direct operation on the device, with no requirement for PC. 17. Measuring results (>1,000) can be saved directly on the device. Greater than 100 method programs in memory. 18. Spectral band width: < 4 nm 19. Photometric measuring range: 0 A to 3.0 A at 260 nm 20. Random error: ≤ 0.002 if A = 0, ≤ 0.005 (0.5 %) if A = 1 21. Systematic error: \bullet }1% if A = 1 22. Display: VGA TFT-Display 5.7" 23. Should include peltier driven thermal device for excellent temperature control with user controllable mixing function for complete, dependable and reproducible sample preparation mixing speed ranging 300 to 3000 rpm. 24. System should be programmable for temperature and time with capability to store 20 programs. System should have a temperature control range from 15 $^{\circ}$C below RT to 100 $^{\circ}$C with |

| | | |
|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>temperature settings ranging from 1 °C to 100 °C with accuracy of ± 0.5 °C at 20 – 45 °C with two blocks. System should have heating rate of max. 7 °C/min and cooling rate max. 2.5 °C/min between 100 °C and RT. System should be able to set from 15 sec to 99:30 h or continuous mode</p> <ol style="list-style-type: none">25. System should have a large display to show set and actual parameters26. System should ensure prevention of lid wetting or cross-contamination27. System should have provision for heated lid to prevent condensation on the lid28. System should have maximum flexibility for user exchangeable blocks for various formats of tubes and plates29. System should possess automatic block recognition and set to its maximum speed limit30. System should have both interval mixing and short mixing functions31. System must be CE Certified32. System should have USB interface for software upgrade33. Should be accompanied with UPS (APC/Emerson make) of appropriate power ratings to take care to voltage fluctuation and high voltage surges.34. System should be associated with appropriate warranty schedules35. Quoted price should be FOR cytogenetics lab BHU |
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Annexure – 1

DECLARATION REGARDING THE FIRM IS NOT PROVIDING ITS SERVICES AT LOWER RATES

(Affidavit of Rs. 10/- duly attest by the Notary Public)

Date:

The _____
Department of _____
Faculty of _____
Banaras Hindu University
Varanasi – 221 005

Sir,

Re.: Tender Enquiry No.:Dated _____ for 'Supply and installation of _____'. I/we hereby declare that my company / firm is not currently selling its _____ at lower rates quoted in the tender to any government / private organisation or any other institution during past one year. Further, if at any time, our firm / company reduces the price or offers such services to any persons / organisations / bodies etc. at a price lower than the price chargeable under the contract, I / We shall inform such reduction to the university immediately. I / We hereby give our consent that if it is recovered later on that our firm failed to inform the University about the reduction at service price and continues to charge higher rates then our firm / company should be debarred from doing any business with the University in future.

Yours faithfully

(Signature of the Bidder)
Printed Name
Designation
Seal

DECLARATION REGARDING CLEAN TRACK BY BIDDER

(on Company's / Firm's letterhead)

Date:

The _____
 Department of _____
 Faculty of _____
 Banaras Hindu University
 Varanasi – 221 005

Sir,

Re.: Tender Enquiry No.: Dated _____ for _____

I/we carefully gone through the Terms & Conditions contained in the above referred Tender Document. I/we hereby declare that my company / firm is not currently debarred / blacklisted or no legal case pending by any Government / Semi Government Organizations / Institutions in India or abroad. In addition to this there is no vigilance/CBI /FEMA case pending against the firm/company. I/we further certify that I'm competent officer in my company /firm to make this declaration.

Or

I/we declare the following

| No. | Country in which the company is debarred / blacklisted / case is pending | Black listed / debarred by Government / Semi Government Organizations / Institutions | Vigilance/CBI /FEMA case pending | Reason | Since when and for how long |
|-----|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|--------|-----------------------------|
| | | | | | |

(NOTE : In case the company / firm was blacklisted previously, please provide the details regarding Period for which the company / firm was blacklisted and the reason/s for the same)

Yours faithfully

(Signature of the Bidder)

Printed Name

Designation

Seal

LIST OF DOCUMENTS ENCLOSED
(on Company's / Firm's letterhead)

Date:

The _____
Department of _____
Faculty of _____
Banaras Hindu University
Varanasi – 221 005

Sir,

Re.: Tender Enquiry No.: Dated _____ for supply and installation of

I/we are enclosing following documents :

- | | |
|--------------------------------------------------------------------------|----------|
| 1. Non – refundable Tender Fee of Rs. /- | YES / NO |
| 2. Earnest Money Deposit (EMD) for an amount of Rs.10000 | YES / NO |
| 3. MSME / SSI / NSIC Certificate, if available | YES / NO |
| 4. CHA Licence duly attested by Custom Officer / Notary | YES / NO |
| 5. Copy of membership of IATA / FIATA / WCA | YES / NO |
| 6. GST registration certificate | YES / NO |
| 7. Documents regarding the existence and registration of the firm | YES / NO |
| 8. PAN Card | YES / NO |
| 9. Copy of Income Tax Return of last three financial year | YES / NO |
| 10. Audited Balance Sheet of firm / company of last three financial year | YES / NO |
| 11. Original Affidavit on a non – judicial stamp paper (Annexure – 1) | YES / NO |
| 12. Declaration regarding Clean Track Record (Annexure – 2) | YES / NO |
| 13. Client List where the firm is providing its services | YES / NO |
| 14. Name, address, email id & contact details of overseas associates | YES / NO |
| 15. Price Bid. However, the same will be opened online only. | YES / NO |

Yours faithfully

(Signature of the Bidder)
Printed Name
Designation
Seal

Limited Tender Form

Name of the Procuring Entity _____

| | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------|----------|----------------|---------------|----------------|----------------------|---------------------|-------------|
| Firm's Reference | | Date | | | | | | | |
| Firm Registration No. (if any) | | PAN (Attach photocopy) | | | | | | | |
| GST No. | | LIMITED TENDER FORM | Address: | | | | | | |
| Phone | | | | | | | | | |
| Fax | | | | | | | | | |
| Email | | | | | | | | | |
| M/s. | Enquiry No. And Date | | | | | | | | |
| | Date of Tender Opening | | | | | | | | |
| | The tender would be opened at three pm on the date of tender opening above, at the address mentioned above | | | | | | | | |
| <p>Please submit on or before 3.00 PM on the date of tender opening, your quotation for the following goods, in accordance with the terms and conditions printer overleaf, in a sealed cover, marked on top with – Enquiry No; Date of Tender Opening.</p> <p>Yours Sincerely Procuring Officer</p> | | | | | | | | | |
| Tender Schedule: All Rates in Figurers and in Words in Rupees | | | | | | | | | |
| Sr. No.: | Description and Specification | Qty | Unit | Delivery Terms | Rate per Unit | Taxes & Duties | Packing / forwarding | Total Rate per Unit | Total Value |
| | | | | | | | | | |
| Delivery Schedule: | | | | | | | | | |
| Enclosed Specifications/Drawing/ Special Conditions of Contract: | | | | | | | | | |
| Item/Tender Specific Condition of this tender: | | | | | | | | | |

| |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>I/we engage to supply the material(s) to your office and comply the following:</p> <ol style="list-style-type: none"> 1. Tender schedule and technical specification indicated. 2. Item/tender specific conditions for this tender. 3. Terms and conditions printer overleaf. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|
| <p>4. General conditions of contract signed by me at the time of supplier registration (for registered suppliers).</p> <p>5. I/we confirm that set off for the ED, GST, etc. Pain on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as sets offs as may become available in future under GST, etc.</p> <p>6. This offer is valid for 90 (ninety) days from the date of opening of the tender.</p> <p>7. That we have not been debarred by any Government/Undertaking.</p> <p>8. That the rates quoted are not higher than the rates quoted for same item to any Government/Undertaking.</p> <p>9. That the bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.</p> | | | |
| Signature & Seal Place & Date: | | Name of Authorised Signatory: | |
| Address: | | Tel. No./Fax No./Mobile No.: Email Id: | |

Terms and Conditions of Limited Tender

1. The quotation must be in the form furnished by Procuring Entity and should be free from corrections/ erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. Quotations written in pencil will not be considered.
2. Quotation will be opened on due date at 3.00 PM at the indicated venue in presence of the tenderers or their representatives who may wish to be present.
3. The Banaras Hindu University reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.
4. Participation in this tender is by invitation only and is limited to the selected Procuring Entity's registered suppliers.
5. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organisation is large scale industry or small scale industry. If you have NSIC/MSE/MSI/DGS&D Certificate, please attach it to the quotation. Mention your registration details.
6. Complete details and ISI specification it any must accompany the quotation. Make/brand of the items shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.
7. Samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labelled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at your cost if insisted.
8. All drawing sketches and samples, if any, sent along with this enquiry must be returned / along with quotations duly signed.
9. The Banaras Hindu University reserves the right to modify the quantity specified in this enquiry.
10. In case the items in the enquiry are covered by any rate contract or running contract finalised by the University, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be confirmed whether you could supply at the RC rates outside rate contract.

11. Delivery period required for supplying the material should be invariably specified in the quotation.
12. In case your quotation is accepted and order is placed on you, the supply against the order should be made within the period stipulated due to delayed delivery by way of penalty. Failure to supply the material within the stipulated period shall entitle Procuring Entity for the imposition of penalty without assigning any reasons @ $\frac{1}{2}\%$ (half percent) of the total value of the item covered in order as penalty per day subject to a maximum of 5% (five percent) unless extension is obtained in writing from the office on valid ground before expiry of delivery period.
13. If the deliveries are not maintained and due to that account Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained thereby will be recovered from the defaulting supplier.
14. Our normal payment terms are 100% (hundred percent) within 45 (forty five) days on receipt and acceptance of material at our site in good condition.

Proprietary Article Certificate

| | | | |
|-----------|-------|-------|-------|
| Ref. No.: | | | |
| Place: | _____ | Date: | _____ |

"I, _____, am personally satisfied that the goods (described below) purchased are of the requisite quality and specification and have been purchased from a reliable supplier/ contractor at a reasonable price."

| | |
|----------------------------------|--|
| Item: | |
| Quantity: | |
| Indenter: | |
| Unit Rate: | |
| Taxes / Duties: | |
| Other Charges: | |
| Total Unit Price: | |
| Total Price: | |
| Purchased from: M/s. | |
| Vide Bill No.: | |
| Justification: | |
| Cheque may be drawn in favour of | |
| Name : | |
| Designation: | |
| Signature: | |

INVITATION FOR BIDS
Notice Inviting Tender (NIT)

DEPARTMENT OF ZOOLOGY
INSTITUTE OF SCIENCE
BANARAS HINDU UNIVERSITY

e-Publishing Notice

Ref: BHU/ZOO/2019-20/03

Dated: 10-06-2019

Online tenders are hereby invited **in two cover system** from reputed **manufacturer/ authorized representative of a manufacture/whole sale dealer/importer** for supply of :-

- **Biophotometer with Peltier Temperature control and Mixing facility for kinetic analysis**

Bidders can download complete set of bidding documents from e- procurement Platform <http://eprocure.gov.in/eprocure/app> from 12-06-2019 onwards. Bidders need to submit the bids **Last Date/ Time for receipt of bids through e-procurement is: 05-07-2019** upto 04:00PM. (Server time). Late bids shall not be accepted.

For further details regarding Tender Notification & Specifications please visit website: <http://eprocure.gov.in/eprocure/app> and www.bhu.ac.in.

CRITICAL DATE SHEET

| | |
|-----------------------------------------|-------------------------------|
| Published Date | 12-06-2019 (04:00 PM) |
| Bid Document Download Start Date | 12-06-2019 (04:00 PM) |
| Clarification Start Date | 12-06-2019 (04:00 PM) |
| Clarification End Date | 18-06-2019 (04:00 PM) |
| Pre bid meeting | NA |
| Bid Submission Start Date | 12-06-2019 (04:00 PM) |
| Bid Document Download End Date | 05-07-2019 (05:00 PM)) |
| Bid Submission End Date | 05-07-2019 (05:00 PM)) |
| Bid Opening Date | 06-07-2019 (12:30 PM)) |

sd/-

Registrar