



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND
RESEARCH THIRUVANANTHAPURAM (IISERTVM)
(Govt. of India, Ministry of H.R.D)**

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KERALA, INDIA.

Date: 17th August 2015

INVITATION TO TENDER(IND)

No: IISER/PUR/6100/15
Due Date: 01st September 2015 [4PM]
Date of Opening: 02nd September 2015 [3PM]

Dear Sirs,

Sub: Supply of Multimode Plate and Cuvette Reader.

We invite Sealed Tenders for the following items:

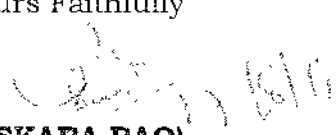
Sl No:	Item/ Description	Qty
1.	Multimode Plate and Cuvette Reader [Specifications as per Annexure I]	1 No

Please quote your lowest rate and shortest delivery period as per the following terms. Your offer in sealed cover **SUPERSCRIBING TENDER NUMBER AND DUE DATE** shall reach us on or before the due date and time. Please follow "Instruction to Tenderers" attached.

- EMD** : Rs. 40,000/- in the form of DD or B.G. to be submitted along with the quote. Quote received without EMD will be summarily rejected.
- Payment** : Within 30 days after supply and installation/Net 30 days /LC. **No advance payment will be made by IISERTVM.**
- Delivery** : To be delivered at our stores (Free delivery). If inport, mention Ex-works/FCA/CIP terms with clear breakup charges.
- Taxes & Duties** : Indicate taxes and duties. We are exempted for customs duty under 51/96 notification and Excise duty under 10/97 notifications.
- Discount** : Indicate, if any.
- Delivery Schedule** : Required Immediately. Indicate your schedule
- Validity of quote** : 60 days

Thanking You,

Yours Faithfully


(K. BHASKARA RAO)
Deputy Registrar
[Purchase & Stores]

P.S. CATALOGUE/LEAFLET FEATURING ALL TECHNICAL SPECS/INFORMATION OF THE PRODUCT QUOTED SHALL ACCOMPANY THE OFFER.

Specifications for a Multimode plate and cuvette reader

Monochromatic based multi-mode reader should be bench type modular with following features.

- Xenon flash lamp light source
- Quad monochromator:
Instrument should have dual excitation Monochromators and dual emission Monochromators to select any wavelength from UV-NIR range.
- Plate shaking: Linear and orbital.
- Temperature Control: Ambient +5 to 40 Dec C
- Plate formats: Instrument should read multiple plate formats up to 384-wells; it should also have a cuvette port.

The reader should be capable of measuring Absorbance, Fluorescence (top and bottom reading), Fluorescence Polarization, Luminescence Glow and Flash (Dual Injector) and future upgradable with Gas control Module.

The Reader should be able to Perform following parameters in absorbance mode:

Wavelength range : 250-1000 nm
Wavelength increment : 1 nm or less
OD value : 0-4 or more
Accuracy : less than 1nm
Detection : Photodiode

The Reader should be able to perform following parameters in Fluorescence mode:

Wave length selection : Dual excitation and emission monochromator

Wavelength range : 250-800 nm

Detection : Photomultiplier tube

Reader should be capable of reading Time Resolved Fluorescence (TRF), Fluorescence resonance energy transfer (FRET), Time Resolved FRET (TR-FRET) and Fluorescence Polarisation (FP).

Wavelength Selection should be dual monochromatic for Fluorescence top and bottom reading.

The reader should be able to perform following parameters in Luminescence mode:

Measurement : Flash and glow luminescence.



Wavelength Range	:	from 400nm to 600nm with 1nm Increment Reader should be able to perform wavelength scanning and dual color luminescence.
Dynamic range	:	should be 6-7 orders of Magnitude.
Luminescence Sensitivity	:	should be less than 10 pM for 384 well plates.
Detector	:	low dark/low noise PMT.
Injector volume	:	should be minimum 10ul of lower and maximum 1ml or higher.
Number of injectors	:	2

Application range: Absorbance, ELISAs, DNA/RNA/protein quantification, gene expression, luciferase and fluorescence reporter assays, cell proliferation assays

Essential Accessories

The system should be supplied along with a suitable computer system and monitor with necessary data transfer ports.

Software: Should be included with the system. Appropriate and user friendly software should be capable of data acquisition and analysis. The software should have all the necessary functions for the various assays mentioned above and should provide an automatic export of measurement parameters into result files in a user specified formats. Should have all standard the quantitation features, fully integrated with the system.

Installation and service:

1. Bidder should provide 3 years of warranty inclusive in the offer, which should include annual maintenance, necessary calibrations whenever required etc. The terms of the warranty must be clearly mentioned.
2. Bidder should clearly specify the terms of after sales service, laboratory training to researchers etc. They should also give a rough estimate of the annual maintenance charge, which the user would incur after the warranty period.
3. Bidder should provide all the pre-installation requirements and make sure that all the materials required for the various assays (plates etc.) will be available when needed.
4. Bidder should have at least 10 installations in India with proven track record of maintenance and application support.
5. Bidder should dismantle and reinstall the whole system from our present transit campus to IISER permanent campus at Vithura free of cost.
6. Three years AMC, post-warranty period should be provided.


17/8/15

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INSTRUCTION TO TENDERERS [IMPORTS]:

1. **PRICE:** The price quoted shall be firm. The terms of FOB/EXW/FCA/CIF/CIP etc shall be clearly mentioned.
2. **AGENT & AGENCY COMMISSION:** In case Tenderer is represented by any agent in India, their name and address shall be furnished. The amount of commission included in the price shall be clearly shown in the offer; which will be paid directly to the Indian Agents by purchaser in equivalent Indian Rupees. In case Indian agents existing and their agency commission is not shown in the Tender, reasons for the same shall be clearly mentioned in Tender. Details of Indian agent's statutory registration shall be stated. If Agency Commission is paid by Principals in foreign currency, the reasons for the same and exemption from Enforcement Directorate in India shall also be provided.
3. **LEAFLET/CATALOGUE:** Tenderer should furnish all necessary leaflet/catalogue etc., of the stores offered by him to enable the Purchaser to evaluate his offer correctly.
4. **MODE OF DESPATCH:** Tenderer shall indicate the mode of dispatch (*i.e.*, Sea/Air-freight/Parcel Post, etc.) depending upon the normal mode of dispatch adopted by him for the type of stores offered for consideration of the Purchaser.
5. **COUNTRY OF ORIGIN:** Tenderer shall indicate in his offer the country of origin of goods offered and the name and address of the manufacture.
6. **INSURANCE:** If insurance of the goods is felt necessary, the same shall be advised by the Tenderer in the offer.
7. **DELIVERY/SHIPMENT:** The time for and date of delivery quoted shall be reasonable/realistic and shall strictly be adhered to in case of placing order on the Tenderer.
8. **MODE AND TERMS OF PAYMENT:** Payment in full (excluding the amount of Agency Commission included in the price payable directly by the Purchaser to the Indian Agents in Indian Rupees) will be made immediately on presentation of the prescribed documents against SIGHT DRAFT or LETTER OF CREDIT or WIRE TRANSFER against shipping documents. **OURS BEING A GOVT OF INDIA EDUCATIONAL INSTITUTE WE ARE UNABLE TO MAKE ANY ADVANCE PAYMENT**
9. **WARRANTY:** Period of warranty and conditions shall be clearly mentioned in the Tender.
10. **GENERAL:** The Tenderer shall also be complied with the following:
 - a. Mention your Banker's name and address.
 - b. Show approximate net and gross weight and dimensions of packages/cases.
 - c. Furnish list of recommended spares for satisfactory operation for a minimum period of one year if the quote is for Plant & Machinery, Equipments etc.
 - d. Details of any technical service, if required for erection assembly, commissioning and demonstration.
 - e. Conform that the prices quoted are inclusive of all taxes, levies, duties arising in the tenderer's country.
 - f. The offer is valid for a minimum period of 90 days from the due date of opening of the tender.
 - g. Samples, if called for, will be sent free of all charges.
 - h. Late tenders and Delayed will not be considered.
 - i. Offers made by Indian Agents on behalf of their Principals, should be supported by the Proforma Invoice of their Principals.
 - j. The authority of person signing the tender, if called for, shall be produced.
 - k. The purchaser reserves the right to accept or reject the lowest or any other offer in whole or in part without assessing any reason.

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INSTRUCTIONS TO TENDERERS [INDIGENOUS].

1. Tenders should be sent in sealed envelopes superscribing the relevant tender no. and the due date of opening. Only one tender should be sent in each envelope.
2. Late tender and Delayed Tenders will not be considered under any circumstances.
3. Sales Tax and /or other duties/levies where legally levies and intended to be claimed should be distinctly shown separately in the tender.
4. (a). Your quotation should be valid for a minimum period of 60 days from the date of opening of the Tender. Quotation with firm prices will be preferred.
(b). Prices are required to be quoted according to the units indicated in the Invitation to Tender. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.
5. **(a) Preference will be given to those tenders offering supplies from ready stocks. The basis of delivery is at IISER site free of cost.**
(b) Our payment terms are within 30 days of receipt and acceptance of the item at our site.
6. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.
(b) Samples, if called for, should be submitted free of all charges by the tenderer and the IISER shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to take back the samples at his own expense.
(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.
(d) **Specifications:** Stores offered should strictly conform to our specifications. Deviations, if any should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary along with the quotations. Test Certificates wherever necessary should be forwarded along with supplies. Whenever specifically mentioned by us the tenderer could suggest changes to specifications with appropriate reasons for the same.
7. IISER shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted.
8. Corrections, if any, in the Quotation must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail. Quotation must have price for each line item and totaling of the price including taxes and duties should be clearly mentioned.
9. The tenderer should mention the name of his bankers, Sales Tax Registration, PAN number etc in the tender.
10. The authority of the person signing the tender, if called for, should be produced.
11. The purchaser reserve the right to accept or reject the lowest or any other offer in whole or in part without assigning any reason.
12. IISER being a Govt of India Educational and Research Institute, is exempted from payment of Excise Duty under Notification No. 10/97 and Customs Duty under Notification No. 51/96- Customs dated 23rd July 2009. Also, we can issue Form 16 as per VAT Rules.
13. The stores supplied should be covered with minimum of 1 year warranty from the date of supply, installation and commissioning.
14. Earnest Money Deposit/ Bid Security should be submitted alongwith your quote as mentioned in Invitation for Tender. EMD should be in favour of Indian Institute of Science Education and Research Thiruvananthapuram valid for 90 days


DEPUTY REGISTRAR
[PURCHASE & STORES]