



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

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Date: 15th October 2015

INVITATION TO TENDER(IND)

**No: IISER/PUR/6412/15
Due Date: 03rd November 2015 [4PM]
Date of Opening: 04th November 2015 [3PM]**

Dear Sirs,

SUB: Supply of Cell Disruption System.

We invite Sealed Tenders for the following items:

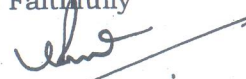
Sl #:	Item/ Description	Qty
1.	Cell Disruption System (Specifications as per Annexure I)	1 No

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. 33,000/- 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 import, 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.

SPECIFICATION FOR CELL DISRUPTION SYSTEM:

1. The system should be able to process sample volumes between 50ml through to 200ml.
2. Should be able to process the fluid samples with continuous flow.
3. Should be suitable for wide range samples e.g.- bacteria, yeast, mammalian, plant and other eukaryotic samples.
4. Should not require compressed air or gas, just plug and switch on.
5. Should be capable of processing samples with minimal dead loss/hold back volume (< 2 ml).
6. The disruption system should maintain a stable pressure that can be accurately and easily set in the range from 1000 psi (65 bar) through to 35000 psi (2400 bar) or above. The setting should be digitally displayed.
7. The system should be able to set the programme disruption cycle by touch screen control.
8. The machine should have processor control to do automatic shutdown when process is completed.
9. Should be quick and easy to use.
10. Disruption head: should be easily dismantled for manual cleaning and heat sterilization.
11. Materials in contact with samples should be stainless steel or equivalent non-corrosive materials that do not react with biomolecules eg. PTFE, EPDM, PEEK etc.
12. Should provide collection container (2 numbers) along with suitable adaptor and tubes. The collection container should be easy to be placed in ICE bath during collection process.
13. Disruption head should be mounted in stainless steel tray to avoid spillage and should be surrounded by cooling jacket.
14. Chiller for cooling disruption head must be provided in order to ensure sample is kept cool throughout the process.
15. Cart to place the cell disrupter should be provided.
16. A minimum of three years standard warranty for all items should be provided. The bidder should provide AMC for three years after the warranty.
17. Technical compliance statement: The bidder should provide printed brochure containing detailed specification of the product. Reference should be given to the catalogue/brochure provided or company website when providing specifications. Point wise technical compliance statement should be attached mentioning the page number in the catalogue/brochure/company website and the page no. of the quotations.
18. The equipment will be initially installed in our transit campus. The bidder should take responsibility for dismantling the instrument, transport and reinstalling in our new campus at Vithura at no additional cost.


K. BHASKARA RAO
Deputy Registrar
[Purchase & Stores]
IISER TVM