

# **Notice Inviting Tender**

## **Supply and Installation of Radioactive Counting equipment**

**Tender No. MRDG/FIST/RADIOACTIVE COUNTER/2019-02**

**Indian Institute of Science  
Bangalore – 560012**

**2019**

## Table of Contents

<b>1</b>	<b>Section 1</b>	<b>Bid Schedule</b>	
<b>2</b>	<b>Section 2</b>	<b>Eligibility Criteria</b>	<b>As specified by IISc</b>
<b>3</b>	<b>Section 3</b>	<b>Terms and Conditions</b>	<b>As specified by IISc</b>
<b>4</b>	<b>Section 4</b>	<b>Specifications</b>	<b>Technical Specifications</b>
<b>5</b>	<b>Section 5</b>	<b>Technical Bid</b>	<b>Annexure: 1 Bidder details</b>
			<b>Annexure: 2 Details of purchase orders</b>
			<b>Annexure: 3 Declaration of regarding experience of bidder</b>
			<b>Annexure: 4 Declaration of regarding clean track record by the bidder</b>
			<b>Annexure: 5 Declaration of acceptance to tender terms and conditions</b>
			<b>Annexure: 6 Details of items quoted</b>
<b>6</b>	<b>Section 6</b>	<b>Commercial Bid</b>	<b>Quotation with Price, Technical specifications of the Equipment</b>
<b>7</b>	<b>Section 7</b>	<b>Check list</b>	

## SECTION 1 – BID SCHEDULE

1	Tender No	MRDG/FIST/ RADIOACTIVE COUNTER/2019-02
2	Tender Date	29/11/2019
3	Item Description	Radioactivity counting equipment
4	Tender Type	Two Bid System a) Technical Bid (Part-A) b) Commercial Bid (Part-B)
5	Place of Submission and tender opening	The Chair, Department of Molecular Reproduction, Development and Genetics, Indian Institute of Science, Bangalore 560 012.
6	Last Date & Time for submission of tender	13/12/2019 4.00 p.m.s
7	Date of opening of technical bids	16/12/2019
8	Tender Fees	NIL
9	For further clarifications	

## **SECTION 2 – ELIGIBILITY CRITERIA**

### **SECTION 2 – ELIGIBILITY CRITERIA**

#### **Prequalification criteria:**

- 1. Bidder should have well established own establishment (Enclose Company Registration Certificate)**
- 2. The vendor should have a good track record of having previously supplied similar equipment's in India (Self-declaration – Annexure 3)**
- 3. The vendor should have qualified technical service personnel for the instrument based in Bengaluru.**
- 4. Bidder should have executed at least one order of similar instrument in India in the last 2 years. (Provide copy of Purchase orders – Annexure 2)**
- 5. The payment will be through a Letter of Credit**
- 6. The Bidder should not be currently blacklisted by any institution, bank in India or abroad (Self Declaration-Annexure-4)**
- 7. The Bidder should accept tender terms & conditions (Annexure-5)**

## **SECTION 3 – TERMS AND CONDITIONS**

### **Submission of Tender:**

- 1. All documentations in the tender should be in English**
- 2. Tender should be submitted in two envelopes (two bid system)**

**Technical Bid (Part-A) – Technical bid consisting of all technical details along with commercial terms and conditions; and**

**Commercial Bid (Part-B) – Indicating item wise price for the items mentioned in the technical bid**

**Superscripting on both the envelopes the tender number and the due date and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscripted with the Tender No & Due Date.**

**3. The SEALED COVER superscripting Tender number / due date & should reach the undersigned on or before due date mentioned in the tender notice. In case due date happens to be holiday the tender will be accepted and opened on the next working day.**

**If the quotation cover is not sealed, it will be rejected.**

**4. All communications are to be addressed to the undersigned only**

**5. Quoting of Price (s): PRICE QUOTED SHOULD BE IN MULTI CURRENCY**

**6. Excise Duty (ED)/ GST/ other taxes, levies, like Service Tax (ST), Education cess, etc., are to be indicated separately. BIDDER should mention Central and State GST Registration and PAN in the tender.**

**7. If Price is not quoted in Commercial Bid as provided in Tender document then, the bid is liable to be rejected after forfeiting Earnest Money Deposit.**

**8. The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without there by incurring any liability to the effected bidder or bidders or any obligation to inform the affected bidder or bidders.**

**9. If the foreign bidder is represented, by their Indian representatives, the foreign bidder has to submit a certificate about their relationship with the Indian firm.**

**10. Incomplete bids will be summarily rejected.**

### **Cancellation of Tender:**

**Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:**

- a. To accept OR reject lowest tender or any other tender or all the tenders.
- b. To accept any tender in full or in part.
- c. To reject the tender offer not confirming to the tender terms.

**Validity of The Offer: Days from the date of opening of the technical bid.**

**Evaluation of Offer:**

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required criteria as stated in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Pre- qualification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during Technical evaluation or during Commercial evaluation. The decision in regard to acceptance and / or rejection of any offer in part or full shall be the sole discretion of IISc, and decision in this regard shall be binding on the bidders.
4. The award of contract will be subject to acceptance of the terms and conditions stated in this tender.
5. Offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
  - a. Non-submission of complete offers.
  - b. Receipt of bids after due date and time and or by email / fax (unless specified otherwise).
  - c. Receipt of bids in open conditions.
6. In case any BIDDER is silent on any clauses mentioned in these tender documents, IISc Bangalore shall construe that the BIDDER had accepted the clauses as of the tender and no further claim will be entertained.
7. No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
8. Lowest bid will be calculated based on the total price of all items tendered.

**Prerequisite requirements:**

**In case of supply of equipment/instrument, you will have to intimate well in advance the prerequisite installation requirement of the goods so that the same is kept ready well in advance for installation.**

**Mode of Shipment:**

The consignment must be air-lifted, insured and transported to the installation site by the supplier.

**Customs clearance:**

The Centre will furnish the necessary papers for the import of items into India, necessary custom duty exemption certificate and other supporting documents to facilitate the import of the items.

**Warranty:**

The complete system is to be under warranty period of 5 years including free supply of spare parts and labor from the date of functional installation. If the instrument is found to be defective, it has to be replaced or rectified at the cost of the supplier within 10 days from the date of receipt of written communications from us. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended. Bidder will be responsible for the proper functioning of the instruments during the warranty period. The bidder should provide yearwise breakup of warranty cost.

**Extended Warranty:**

The manufacturer should provide -- years of extended warranty (including parts and labor) after completion of standard warranty.

**Purchase Order:**

1. The order will be placed on the bidder whose bid is accepted by IISc based on the terms & conditions mentioned in the tender.
2. The quantity of the items in tender is only indicative. IISc reserves the right to increase /decrease the quantity of the items depending on the requirement.
3. If the quality of the product and service provided is not found satisfactory, IISc reserves the right to cancel or amend the contract.

**Delivery and Installation:**

The system should be delivered, installed and demonstrated (without any extra charges) within 45 days from the date of receipt of confirmed purchase order. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and inspection of all the items and features/capabilities tested by the centre. After successful installation and inspection, the date of taking over of the entire system by the centre shall be taken as the start of the warranty period.

**Payment Terms:**

The payment for the equipment will be through a Letter of Credit for the 100% of the equipment value.

1. 70% of the purchase order value will be released against shipping documents and remaining
2. 30% after satisfactory installation and demonstration.

No advance payment shall be made.

**Statutory Variation:**

Any statutory increase in the taxes and duties subsequent to suppliers offer if it takes place within the original contractual delivery date will be to IISc account subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc.

**Disputes and Jurisdiction:**

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bangalore.

**General:**

1. All amendments, time extension, clarifications etc., within the period of submission of the tender, will be uploaded on the IISc website only and will not be published in newspapers. Bidder should regularly visit the above website to keep themselves updated. No extension in the bid due date/time shall be considered on account of delay in receipt of any document by mail
2. The bidder may furnish any additional information, which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information.
3. The bidder may visit the site before submission of tender, with prior intimation.
4. All imported equipment should be quoted in the currency of the country of origin, and all locally sourced items should be quoted in Indian Rupees.
5. Any information furnished by the bidder found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/taking up of work in IISc Bangalore.

The Chair,  
Department of Molecular Reproduction,  
Development and Genetics,  
New Biological Sciences Building,  
Indian Institute of Science,  
Bangalore 560 012.



## Section – 4 – Technical Specifications

**A. Specific Requirements:** Appropriate accessories viz. scintillation tubes and fluid must be included in the quote

**The above-mentioned technical specifications are highly desired. However, lower technical specifications may be considered if the above-mentioned specifications are found to be unsuitable in financial terms. The Institute reserves the right to go for lower specifications taking into consideration its financial constraints and technical preferences.**

### Tender Specifications

Equipment should be able to detect radioactivity from various sources (listed below) emitting  $\alpha$ ,  $\beta$  or  $\gamma$  particles and precisely determine the amounts.

The equipment should have the following features:

1. Should be able to quantitatively record radioactive particles emitted from the following isotope sources –  $^{32}\text{P}$ ,  $^{33}\text{P}$ ,  $^{14}\text{C}$ ,  $^3\text{H}$ ,  $^{35}\text{S}$ ,  $^{131}\text{I}$ ,  $^{125}\text{I}$ .
2. Computer controlled and fully automated with necessary software.
3. Suitable computer (external / inbuilt) should be provided along with the equipment.
4. Equipment should be able to measure Beta, Alpha & Gamma radioactivity.
5. Energy Range: 0–2,000 keV
6. Efficiency:  $^3\text{H}$  –minimum 60%,  $^{14}\text{C}$  - minimum 95%
7. Figure of merit ( $E^2/B$ ,  $E$ =Efficiency,  $B$ =Background) in optimized window for  $^{14}\text{C}$  should be 360 or better with low level sealed large glass vial standards
8. Figure of merit ( $E^2/B$ ,  $E$ =Efficiency,  $B$ =Background) in optimized window for  $^3\text{H}$  should be 180 or better with low level sealed large glass vial standards
9. The system should be able to report DPM directly without the quench curves for single label samples either by TDCR or Direct DPM.
10. The system should have an external standard source ( $^{152}\text{Eu}/^{133}\text{Ba}$ ) for reporting quench indicator based on external standard.
11. The system should be able to load minimum 200 samples at a time and preferably be automated.
12. Racks for minimum 480 samples of 20ml and 5ml sample vials should be provided with the instrument.
13. Unquenched standards for  $^3\text{H}$ ,  $^{14}\text{C}$  & background should be provided with the instrument.
14. Windows based analysis software should also be provided
15. Original licensed software; additional license for analysis only along with appropriate computer
16. All specifications should be supported by published literature from the manufacturer.
17. The supplier should have a proven track record for service.
18. Comprehensive warranty for 5 years

## **Section 5: Technical Bid**

**The technical bid should furnish all requirements of the tender along with all annexure in this section and submitted to**

**Tender No: MRDG/FIST/RADIOACTIVE COUNTER/2019-02**

**Dated: 29/11/2019**

**Supply and Installation of Radioactivity Counting equipment**

**The Chair,  
Department of Molecular Reproduction, Development and Genetics  
New Biological Sciences Building  
Indian Institute of Science  
Bangalore – 560012, India**

**Annexure-1:**

**Details of the Bidder**

The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

**1 Name of the Bidder:**

**2 Nature of Bidder (Pvt Ltd or Public Ltd Co/Partnership firm etc)  
(Attach attested copy of Certificate of Incorporation/ Partnership Deed)**

**3 Registration No/ Trade License,  
(if any attach copy)**

**4 Registered Office Address**

**5 Address for Communication**

**6 Contract person Name Designation**

**7 Telephone No**

**8 Email ID & Website**

**9 PAN No. (attach copy)**

**10 GST No. (attach copy)**

**11 Service Tax registration No. (attach copy)**

**12 Annual Turnover (attach audit reports)  
2017-18  
2018-19**

**13 Earnest Money Deposit Details** **NIL**

**14 Tender Cost** **NIL**

**(Signature of the Bidder)**

**Printed Name  
Designation, Seal**

**Date:**

**Annexure-2:**

**Past Purchase Orders**

**Details of the Purchase Orders executed during the last two years 2017-18 & 2018-19**

**Provide the following details for each order:**

**Order Number and date**

**Items Value**

**Name of Organization**

**Contact Person Name and Designation**

**Contact Details with Email**

**Date of Completion**

**Enclose copy of purchase order**

**(Signature of the Bidder)**

**Printed Name**

**Designation, Seal**

**Date:**

**Annexure-3:**

**Declaration Regarding Experience**

To,

**Indian Institute of Science  
Bangalore – 560012, India  
Contact No: 080 22933371**

**Ref: Tender No: MRDG/FIST/RADIOACTIVE  
COUNTER 2019-02  
Dated: 28/11/2019**

**Supply and installation of Radioactivity Counting  
Equipment**

Sir,

**I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm has more than five years of experience in supplying and installing centrifuges and ultra-centrifuges to Central/State Govt. universities / research institutes.**

**(Signature of the Bidder)  
Printed Name  
Designation, Seal  
Date:**

**Annexure-4:**

**Declaration Regarding Clean Track by Bidder**

To,

**Indian Institute of Science,  
Bangalore – 560012, India**

**Ref: Tender No: MRDG/FIST/RADIOACTIVE COUNTER/2019-02  
Dated: 28/11/2019**

**Supply and installation of Radioactivity Counting Equipment**

Sir,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm is not currently debarred / black listed by any Government / Semi Government Organizations / Institutions in India or abroad. I further certify that I'm competent officer in my company / firm to make this declaration.

Or

I declare the following:

Country in which the company is debarred/blacklisted / case is pending:

Blacklisted / debarred by Government / Semi Government/Organizations /Institutions:

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

Date:

**Annexure – 5:**

**Declaration for Acceptance of Terms and Conditions**

**To,**

**Indian Institute of Science,  
Bangalore – 560012, India**

**Ref: Tender No: MRDG/FIST/RADIOACTIVE COUNTER/2019-02**

**Dated: 28/11/2019**

**Supply and installation of Radioactivity Counting Equipment**

**Sir,**

**I've carefully gone through the Terms & Conditions as mentioned in the above referred RFP document. I declare that all the provisions of this RFP are acceptable to my company. I further certify that I'm an authorized signatory of my company and am, therefore, competent to make this declaration.**

**Yours faithfully,  
(Signature of the Bidder)**

**Printed Name  
Designation, Seal**

**Date:**

**Annexure – 6:**

**Details of items quoted:**

**Company Name:**

**Product Name:**

**Part / Catalog number:**

**Product description / main features:**

**Detailed technical specifications:**

**Remarks:**

**Instructions to bidders:**

- 1. Bidder should provide technical specifications of the quoted product/s in detail.**
- 2. Bidder should attach product brochures along with technical bid.**
- 3. Bidders should clearly indicate which of the technical specifications (key specifications or desirable specifications) they are able to meet or otherwise, IISc may ask for clarifications or further information.**



## Section 6: COMMERCIAL BID

The commercial bid should be furnished with all requirements of the tender with supporting documents as mentioned under:

Tender No: MRDG/FIST/RADIOACTIVE COUNTER/2019-02

Dated: 29/11/2019

Supply and installation of Radioactivity Counting Equipment

S. No:	Description	Catalog Number	Quantity	Unit price	Subtotal
1	Instrument				
2	Accessories				
3	Extended warranty				
4	Cost of Insurance and Airfreight				
5	CIP Bengaluru international airport				

Addressed to:

The Chair,  
Department of Molecular Reproduction, Development and Genetics,  
New Biological Sciences Building,  
Indian Institute of Science,  
Bangalore – 560012, India

## **SECTION 7 – CHECK LIST**

**(This should be enclosed in the Envelop A)**

**The following items must be checked before the Bid is submitted:**

### **1. Envelope “A”: Technical Bid**

**a) Section 5 Technical Bid (each pages duly sealed and signed by the authorized signatory)**

**Annexure 1: Bidders details**

**Annexure 2: Details of purchase orders**

**Annexure 3: Declaration regarding experience**

**Annexure 4: Declaration regarding clean track**

**Annexure 5: Declaration for acceptance of tender terms and conditions**

**Annexure 6: Details of items quoted**

**b) Copy of this tender document duly sealed and signed by the authorized signatory on every page.**

**c) Checklist**

### **2. Envelop “B”: Commercial Bid**

**Section 6: Commercial Bid:**

**Your quotation must be submitted in two envelopes Technical Bid (Envelope A) and Commercial Bid (Envelope B) super scribing on both the envelopes the Tender no. and due date and the both these sealed covers are to be put in a bigger cover which should also be sealed and duly super scribed with our Tender No. & Due Date.**