

## Notice Inviting Tender

For

### “Real Time PCR Machine, Fully Automated Gel Documentation system, & Other Equip. For Microbiology Department”

At

**All India Institute of Medical Sciences, Raipur**

| Sr. No | DME Stage                | Start Date & Time  |
|--------|--------------------------|--|
| 1.     | NIT No.                  | AIIMS-RPR/Store/Tender/Equipment for Deptt of Microbiology/2016/01   |
| 2.     | NIT issue date           | 04-11-2016   |
| 3.     | Pre-bid Meeting          | 21-11-2016at 03:00 pm<br>Venue: Committee Hall, 1st floor, Medical College Building, AIIMS, Tatibandh, Raipur-492099 |
| 4.     | Last Date of submission  | 02-12-2016 at 03:00 pm   |
| 5.     | Open EMD & Technical bid | 02-12-2016 at 03:30 PM<br>Venue: Store Officer, Medical College Building, 2nd floor, AIIMS, Tatibandh, Raipur-492099 |
| 6.     | Tender document cost     | ₹ 5,700/- (Inclusive VAT) AIIMS, Raipur, (C.G.)  |
| 7.     | EMD Amount               | Detailed EMD amount is mentioned in next page  |



**All India Institute of Medical Sciences, Raipur  
Tatibandh, Raipur – 492099, Chhattisgarh**

Tele: 0771- 2971307, email: [store@aiimsraipur.edu.in](mailto:store@aiimsraipur.edu.in)

Website: [www.aiimsraipur.edu.in](http://www.aiimsraipur.edu.in),

Govt. Portal: [www.tender.go](http://www.tender.go)

## **Chapter I- Instruction to bidders**

### **Notice Inviting Tender**

#### **“Real Time PCR Machine, Fully Automated Gel Documentation system, & Other Equip. For Microbiology Department”**

All India Institute of Medical Sciences, Raipur, Chhattisgarh, an apex healthcare institute being established by Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed Tenders for supply & installation of the following item(s) at the institute. You are requested to quote your best offer along with the complete detail of specifications, terms & conditions.

1. Interested parties may send their tender in sealed cover addressed to the Store Officer, All India Institute of Medical Sciences, Tatibandh, Raipur superscripted with tender number and complete in all respects latest by 02-12-2016 up to 3:00 pm. The Quotations will be opened on the same day at 03.30 PM in the Medical College Building, All India Institute of Medical Sciences, Raipur. The tenders received after the scheduled date and time will be rejected out rightly.
2. The tender is in **two- bid** system i.e. Technical Bid & Financial Bid. The technical bid will be opened on the designated date by the Purchase Committee. The financial bid containing the rate of various item(s) will be opened on a suitable date, to be intimated later by the Purchase Committee in respect of those who qualify the terms and conditions of the technical bid.
3. The bidder should seal the technical bid and the financial bid in separate covers super scribed "**Technical bid for Real Time PCR Machine, Fully Automated Gel Documentation System, & Other Equip. for Microbiology**" and "**Financial Bid for Real Time PCR Machine, Fully Automated Gel Documentation System, & Other Equip. for Microbiology**". Both Sealed Envelopes should be kept in a main/ bigger envelope super scribed as "**Tender for Real Time PCR Machine, Fully Automated Gel Documentation System, & Other Equip. for Microbiology**". The "Technical Bid" will be analyzed and 'Financial Bid' of only those firms who are found eligible in "Technical Bid" will be opened in due course and the eligible firms would be intimated there of accordingly.
4. Tender document may be downloaded from this Institute's official website <http://www.aiimsraipur.edu.in> & [www.tenders.gov.in](http://www.tenders.gov.in) and the tenderer shall deposit a separate Bank Draft/ Pay Order in favour of "**All India Institute of Medical Sciences, Raipur**" worth ₹ 5,700/- (Inclusive @14% VAT) AIIMS, Raipur, (C.G.) along with tender Document (Technical Bid). The tenders submitted without tender cost or without EMD shall be liable to be rejected summarily. The cost of the bid document is non-refundable.

**Store Officer  
AIIMS, Raipur**

## Chapter-II- Conditions of Contract General Terms and Conditions

**Subject:** - Notice Inviting Tender for Real Time PCR Machine, Fully Automated Gel Documentation System, & Other Equip. for Microbiology Department at All India Institute of Medical Sciences, Raipur.

### **1. Earnest Money:**

| Schedule   | Name of the Items   | Qty. | EMD Amount | Experience   | Turnover      |
|------------|---|------|------------|--------------|---------------|
| Schedule A | Real Time PCR Machine   | 1    | ₹ 69,000/- | ₹ 7,70,000/- | ₹ 11,50,000/- |
| Schedule B | Fully automated gel documentation system with UPS                       | 1    | ₹ 30,000/- | ₹ 3,35,000/- | ₹ 5,00,000/-  |
| Schedule C | Laminar Flow (PCR Work Bench)   | 2    | ₹ 15,000/- | ₹ 1,70,000/- | ₹ 2,50,000/-  |
| Schedule D | Horizontal gel electrophoresis with compatible power pack & accessories | 1    | ₹ 4,500/-  | ₹ 50,000/-   | ₹ 75,000/-    |
| Schedule E | a. Electronic adjustable pipette(10µl-100µl)                            | 1    | ₹ 1,200/-  | ₹ 12,000/-   | ₹ 19,000/-    |
|            | b. Electronic adjustable pipette(0.1µl-10µl)                            | 2    |            |              |               |
| Schedule F | Microwave oven  | 1    | ₹ 900/-    | ₹ 10,000/-   | ₹ 15,000/-    |

Earnest money by means of a Bank Demand Draft/ Pay Order / FD / BG schedule wise mentioned above may be enclosed with the quotation (Technical Bid). It is also clarified that the quotations received without earnest money will be summarily rejected. The DD/Pay Order/FD/BG may be prepared in the name of **“All India Institute of Medical Sciences, Raipur”**.

- No request for transfer of any previous deposit of earnest money or security deposit or payment of any pending bill held by the ministry in respect of any previous work will be entertained.
- Tenderer shall not be permitted to withdraw his offer or modify the terms and conditions thereof. In case the tenderer fail to observe and comply with stipulations made herein or backs out after quoting the rates, the aforesaid amount of earnest money will be forfeited.
- Tenders without Earnest Money or Tender cost will be summarily rejected.
- No claim shall lie against the AIIMS in respect of erosion in the value or interest on the amount of EMD.

### **2. Signing of Tender:**

All the duly filled/completed pages of the tender should be given serial /page number on each page and signed. The individual signing the tender or other documents connected with contract must specify whether he sign as:

- a) A sole proprietor of the concern or constituted attorney of such sole proprietor;
- b) A partner of the firm, if it is a partnership firm in which case he must have authority to execute the contracts on behalf of the firm and to refer to arbitration disputes concerning the business of the partnership either by virtue of the partnership agreement or by a power of attorney duly executed by the partners of the firm.
- c) Director or a principal officer duly authorized by the Board of Directors of the Company, if it is a company.

**N.B.**

In case of partnership firms, a copy of the partnership agreement, or general power of attorney duly attested by a Notary Public, should be furnished on stamped paper duly sworn or affirmed by all the partners admitting execution of the partnership agreement or the general power of attorney. The attested copy of the certificate of registration of firm should also be enclosed along with the tender.

- i. In the case of partnerships firm, where no authority to refer disputes concerning the business of partnership firm has been conferred on any partner, the tender and all other related document must be signed by all partners of the firm.
- ii. A person signing the tender form or any document forming part of the tender on behalf of another person should have an authority to bind such other person and if, on enquiry it appears that the person so signing had no authority to do so, AIIMS, Raipur may without prejudice, cancel the contract and hold the signatory liable for all costs, consequences and damages under the civil and criminal remedies available.
- iii. The tenderer should sign and affix his firm's stamp at each page of the tender and all its annexure as the acceptance of the offer made by tenderer will be deemed as a contract and no separate formal contract will be drawn. NO PAGE SHOULD BE REMOVED/ DETACHED FROM THIS NOTICE INVITING TENDER.

**3. Opening of Tender:**

The tenderer is at liberty to present either him or authorize not more than one representative to be present at the opening of the tender. The representative present at the opening of the tender on behalf of the tenderer should bring with him a letter of authority from the tenderer and proof of identification.

**4. Validity of the bids:**

The bids shall be valid for a period of 180 day from the date of opening of the tender. This has to be so specified by the tenderer in the commercial bid.

**5. Right of acceptance:**

AIIMS, Raipur reserve the right to accept or reject any or all tenders /quotations without assigning any reason there of and also does not bind itself to accept the lowest quotation or any tender. Any failure on the part of the contractor to observe the prescribed procedure and any attempt to canvass for the work will prejudice the contractor's quotation or any tender.

**6. Communication of Acceptance / Right of Acceptance :**

AIIMS, Raipur reserve the right to reject any tender including of those tenderer who fails to comply with the instructions without assigning any reason whatsoever and does not bind

itself to accept the lowest or any specific tender. The decision of this Institute in this regard will be final and binding. Any failure on the part of the contractor to observe the prescribed procedure and any attempt to canvass the work prejudice the contractor's quotation.

#### **7. Performance Security:**

The successful tenderer will be required to furnish a Performance Security Deposit of 10% of tender Purchase order value in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Scheduled Bank duly pledged in the name of the "All India Institute of Medical Sciences, Raipur". The security deposit can be forfeited by order of this Institute in the event of any breach or negligence or non-observance of any condition of contract or for unsatisfactory performance or non-observance of any condition of the contract.

Performance Security shall be submitted in the form of Demand Draft, Bank Guarantee or Fixed Deposit Receipt issued by any Scheduled Bank. Performance Security will valid till 60 days after completion of contractual obligations (including warranty period, if **applicable**) under the contract.

#### **8. Delivery & Installation:**

The successful bidders should strictly adhere to the following delivery schedule supply, of items should be effected within **4 weeks** from the date of supply / purchase order and this clause should be strictly adhere to failing which administrative action as deemed fit under rules will be taken against the defaulter. Otherwise liquidated damage will be imposed as per **clause no. 9**.

#### **9. Liquidated damages:**

If the suppliers fails to deliver and place any or all the items or perform the service by the specified date as mention in supply / purchase order, penalty at the rate of 0.5% per week of the delayed value of goods subject to the maximum of 10% of delayed goods value will be deducted.

#### **10. Risk Purchase & Recovery of sums due:**

- Failure or delay in supply of any or all items as per Requisition / Purchase Order, Specification or Brand prescribed in the tender, shall be treated as 'noncompliance' or 'breach of contract' and the order in part of full be arranged from alternative source(s) at the discretion of the Store Officer and the difference in price has to be recovered from the tenderer as mentioned elsewhere.
- The amount will be recovered from any of his subsequent / pending bills or security Deposit.
- In case the sum of the above is insufficient to cover the full amount recoverable, the contractor shall pay to the purchaser, on demand the remaining balance due.

#### **11. Inspecting, Testing and Quality control**

- i. The purchaser or its nominal representative will inspect and test the ordered goods and the related services to confirm their conformity to the contract specification and other quality control details incorporated.
- ii. The Purchaser reserves the right for stage inspection during manufacturing process, pre-  
*Seal & Sign of the bidder .....*

dispatch inspection or post-delivery inspection. The Purchaser as deemed fit shall resort to all these inspection or may waive off any of the inspection.

- iii. Stage Inspection: The Supplier shall offer semi-finished product without paint for stage inspection supported with invoice & test report of major raw material as per relevant specification standards.
- iv. Before resorting to Bulk Manufacture, the supplier shall offer/send the prototype/actual-finished sample for approval by the Inspector. The approval of Samples shall be in respect of workmanship and finishing and shall be without prejudice to the rights of purchaser/user to get random testing of items during pre-dispatch inspection or from the actual lot offered. In the event of the failure of the supplier to deliver the sample by the date specified in the contract or any other date agreed by the purchaser or in the event of rejection of the sample second time, the purchaser shall be entitled to cancel the contract and purchase the stores at the risk and cost of the supplier.
- v. The Inspector shall have full and free access at any time during the execution of the contract to the supplier's work for satisfying himself that the goods are being manufactured in accordance with the specification mentioned in the Contract, and he may require the Supplier to make arrangements of inspection of the goods or any part thereof or any material at his premises or at any other place specified by the Inspector and if the Supplier has been permitted to employ the services of a sub-inspection of the goods after they have been inspected by the Inspector for the purpose aforesaid. The decision of the purchaser/ inspection authority in this regard shall be final and binding on the Supplier. All terms and condition of the contract as they apply to the inspection shall also apply to the re- inspection.
- vi. The Supplier shall provide, without any extra charge, all material, tools, labour and assistance of every kind, which the Inspector may demand of him for any test, and examination, which he shall require to be made on the Supplier's premises and the Supplier shall bear and pay all costs attendant thereon. If the Supplier fails to comply with condition aforesaid, the Inspector shall, in his sole judgement, be entitled to remove for test and examination all or any of the goods manufactured by the Supplier to any premises other than his (Supplier's) and in all such cases the Supplier's shall bear the cost of transport/and carrying out such tests elsewhere. A certificate in writing of the Inspector, that the Supplier has failed to provide the facilities and the means for test and examination, shall be final.
- vii. The Supplier shall also provide and deliver for test, free of charge, at such place other than his premises as the Inspector may specify such material or goods as he may require for tests for which Supplier does not have the facilities or special/independent tests.
- viii. The Inspector shall have the right to put all the goods or materials forming part of the same or any part thereof to such tests as he may think fit and proper. The Supplier shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspector.
- ix. Goods accepted by the purchase/AIIMS, Raipur and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchasers/AIIMS,

Raipur's right to reject the same later.

- x. The Purchaser's Inspector reserves the right to may draw samples through random sampling method after receiving the finished goods at destination. All the supplies shall be accompanied with the Manufacturer's certificate that the material conforms to the specifications.

Further to above if on the goods being rejected by the Inspector or AIIMS, Raipur at the destination, the Supplier fails to make satisfactory supply within the stipulated period of delivery the Purchaser shall be at liberty to:-

- a. Require the Supplier to replace the rejected goods forthwith but in any event not later than a period of 15 days from the date of rejection and the Supplier shall bear all cost of such replacement, including freight, if any, on such replacing and replaced goods but without being entitled to any extra payment on that or any other account.
- b. Purchase or authorize the purchase of quantity of the goods rejected or goods of a similar description when goods exactly complying with particulars are not in the opinion of the Purchase, which shall be final, readily available without notice to the supplier at his risk and cost and without affecting the Supplier's liability as regards the supply of any further installment due under the contract, or
- c. Cancel the contract and purchase or authorized the purchase of the goods or goods of a similar description (when goods complying with particulars are not in the opening of the Purchase, which shall be final, readily available) at the risk and cost of the Supplier.
- d. The Inspector shall have the power:-
  - Before any goods or part thereof are submitted for inspection to certify that they cannot be in accordance with the contract owing to the adoption of any unsatisfactory method of manufacture.
  - To reject any goods submitted as not being accordance with particulars.
  - To reject the whole of the installment tendered for inspection, if after inspection of such portion thereof as he may in his discretion think fit, he is satisfied that the same is unsatisfactory.
  - To demand all cost incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work however if goods are accepted all cost incurred shall be borne by the Purchaser.

Inspector's decision as regards the rejection shall be final and binding on the Supplier.

## **12. Warranty**

The tenderers must quote for onsite warranty of **Annexure –I** of schedule wise from the date of completion of the satisfactory installation as certified by the stipulated committee. The Warranty charges **shall not** be quoted separately otherwise the offer shall be summarily rejected.

## **13. Force Majeure:**

If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any

*Seal & Sign of the bidder .....*

war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries have been so resumed or not shall be final and conclusive.

Further, that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, AIIMS, Raipur party may, at least option to terminate the contract.

**14. Insolvency etc.:**

In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Raipur shall have the power to terminate the contract without any prior notice.

**15. Breach of Terms and Conditions:**

In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by AIIMS, Raipur. In that event the security deposit shall also stand forfeited.

**16. Subletting of Work:**

The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of AIIMS, Raipur, which will be at liberty to refuse if thinks fit. The tender is not transferable. One tenderer shall submit only one tender.

**17. Right to call upon information regarding status of work:**

The AIIMS, Raipur will have the right to call upon information regarding status of work/ job at any point of time.

**18. Terms of payment:**

70% of the purchase order value will be released after the successful supply & balance 30% of the amount shall be released after the successful completion of the installment and commissioning of equipment & accessories to the satisfaction of the concerned department.

No payment shall be made for rejected Stores. Rejected items must be removed by the supplier within two weeks of the date of rejection at their own cost & replace immediately. In case these are not removed these will be auctioned at the risk and responsibility of the suppliers without notice.

a. For 70% payment supplier should submitted following documents:-

- 1) Two Copies of Invoice.



- 2) Delivery Challan/Packing List.
- 3) Any Other documents (if required).

**b.** For balance 30% supplier should submitted following documents:-

- 1) Successful Installation Report.
- 2) Any Other documents (if required).

**19. Arbitration:**

If any difference arises concerning this agreement, its interpretation on payment to the made there under, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation do not yield any result within a period of 30 days, either of the parties may make a request to Sole Arbitrator will be appointed by the Director, AIIMS, Raipur. Such requests shall be accompanied with a panel of names of three persons to act as the sole arbitrator. In case of such arbitrator refusing, unwilling or becoming incapable to act or his mandate having been terminated under law, another arbitrator shall be appointed in the same manner from among the panel of three persons to be submitted by the claimant. The provision of Arbitration and Conciliation Act, 1996 and the rule framed there under and in force shall be applicable to such proceedings.

**20. Legal Jurisdiction:**

The agreement shall be deemed to have been concluded in Raipur, Chhattisgarh and all obligations hereunder shall be deemed to be located at Raipur, Chhattisgarh and Court within Raipur, Chhattisgarh will have Jurisdiction to the exclusion of other courts.

**Store Officer  
AIIMS, Raipur**

**Chapter - III**

**Form A**

**PARTICULARS TO BE FILLED BY THE BIDDER**

1. Name of the Supplier : \_\_\_\_\_
2. Complete Address of the Supplier : \_\_\_\_\_  
\_\_\_\_\_
3. Availability for demonstration of items at AIIMS Raipur. Yes/No [Please√]
4. Cost of the Tender enclosed: Yes/No [Please√] if yes,
  - a.) Name of the Bank : \_\_\_\_\_
  - b.) Amount in (Rs.) : \_\_\_\_\_
  - c.) Demand Draft No. : \_\_\_\_\_
5. Earnest Money Deposit enclosed: Yes/ No [Please√] if Yes,
  - a.) Name of the Bank : \_\_\_\_\_
  - b.) Amount in (Rs.) : \_\_\_\_\_
  - c.) Demand Draft No. : \_\_\_\_\_
  - d.) Last Validity date of the enclosed DD : \_\_\_\_\_
6. Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry.

**[NOTE: Any changes after submission of Tender documents kindly update AIIMS Raipur]**

- a.) Full Name : \_\_\_\_\_
- b.) Complete Postal Address : \_\_\_\_\_
- c.) Telephone No. : \_\_\_\_\_
- d.) Fax No. : \_\_\_\_\_
- e.) Mobile No. : \_\_\_\_\_
- f.) E-mail : \_\_\_\_\_
- g.) Website Address : \_\_\_\_\_

**Note:** - Demand Drafts must be complied with CTS 2010 standards prescribed by Reserve Bank of India.

**Form B**

**PARTICULARS FOR REFUND OF EMD TO SUCCESSFUL/UNSUCCESSFUL BIDDER**

**RTGS / National Electronic Fund Transfer (NEFT) Mandate Form**

|    |   |  |
|----|---|--|
| 1. | Name of the Bidder                                |  |
| 2. | Permanent Account No(PAN)                         |  |
| 3. | Particulars of Bank Account                       |  |
|    | a) Name of the Bank                               |  |
|    | b) Name of the Branch                             |  |
|    | c) Branch Code                                    |  |
|    | d) Address  |  |
|    | e) City Name                                      |  |
|    | f) Telephone No                                   |  |
|    | g) NEFT/IFSC Code                                 |  |
|    | h) RTGS Code                                      |  |
|    | i) 9 Digit MICR Code appearing on the cheque book |  |
|    | j) Type of Account                                |  |
|    | k) Account No.                                    |  |
| 4. | Email id of the Bidder                            |  |

**Form C**

**TECHNICAL INFORMATION AND UNDERTAKING**

(Tenderer may use separate sheet wherever required)  
(In separate sealed Cover-I super scribed as "Technical Bid")

| <b>Checklist- Tender Fee &amp; EMD</b> |  |  |    |
|--|--|--|----|
| Sr. No.                                | Particulars  | Documents to be attached Wherever applicable |    |
|  |  | Yes  | No |
| 1.                                     | Demand Draft for ₹ 5,700/- (Inclusive VAT) in favour of AIIMS, Raipur towards non-refundable tender fee is enclosed.<br>**Demand Drafts must be complied with CTS 2010 standards prescribed by Reserve Bank of India |  |    |
| 2.                                     | Details of the Earnest Money Deposit (EMD) towards refundable EMD is enclosed.<br>**Demand Drafts must be complied with CTS 2010 standards prescribed by Reserve Bank of India                                       |  |    |
|  | Schedule A ₹69,000.00<br>BG/FDR/DD No.<br>Date:<br>Payable at  |  |    |
|  | Schedule B ₹30,000.00<br>BG/FDR/DD No<br>Date:<br>Payable at   |  |    |
|  | Schedule C ₹15,000.00<br>BG/FDR/DD No<br>Date:<br>Payable at   |  |    |
|  | Schedule D ₹4,500.00<br>BG/FDR/DD No<br>Date:<br>Payable at  |  |    |
|  | Schedule E (a) & (b) ₹ 1,200.00<br>BG/FDR/DD No<br>Date:<br>Payable at   |  |    |
|  | Schedule F ₹ 900.00<br>BG/FDR/DD No<br>Date:<br>Payable at   |  |    |
| 3.                                     | Envelope is marked as "Tender fee and EMD"   |  |    |

**Check List - Technical Offer**

| Sr. No. | Particulars  | Documents to be attached wherever applicable |    |          |
|---------|--|--|----|----------|
|         |  | Yes  | No | Page no. |
| 1       | Specify your firm/company is a manufactures/ authorized dealer / distributor / Agency  |  |    |          |
| 2       | Name, Address & designation of the authorized person (Sole proprietor / partner / Director) with his sign.   |  |    |          |
| 3       | The average annual turnover of the bidder in the last three financial years should not be less than at least turnover amount which is mention in page no. 3 (attached Profit & Loss and Balance Sheet duly certified by CA)                                  |  |    |          |
| 4       | Experience in supply of similar nature work particulars of experience in Govt. organization/PSU/Autonomous bodies (Attached certificate, testimonials). Enclose the evidence of similar work done value at least once in the last 3 years as per page no. 3. |  |    |          |
| 5       | Tenderers, if not OEM/Manufacture, must submit OEM's/ Manufacture's authorization certificate.   |  |    |          |
| 6       | Whether original catalogue of the equipment quoted with detailed data sheet enclosed.  |  |    |          |
| 7       | Company should have ISO valid certification (as per given schedule) Please attach Valid certificate.   |  |    |          |
| 8       | Calibration Certificate (As per given schedule. Please attach Valid certificate).  |  |    |          |
| 9       | Permanent Account Number.  |  |    |          |
| 10      | VAT Registration Certificate.  |  |    |          |
| 11      | Please attach copy of last three years of Income Tax Return.   |  |    |          |
| 12      | Technical Specifications Compliance Report.  |  |    |          |
| 13      | Duly filled Form- A & Form-B   |  |    |          |
| 14      | Tender Documents duly Seal & Sign by the tenderer with acceptance.   |  |    |          |
| 15      | Tenderer must provide a certificate on his letter head that the Proprietor/ Firm/ Company has never been Black listed by any organization.   |  |    |          |
| 16      | Tenderer must provide a certificate on letter head that proprietor/firm has never been black listed by any organization.   |  |    |          |
| 17      | Tenderer must provide an affirmation on letter head that they have not quoted the price higher than previously supplied to any government Institute / Organization / reputed Private Organization or DGS&D rate in recent past.                              |  |    |          |

**Note:**

- i. Page number/serial number may be given to each and every page of Tender Documents and photocopies of the attested documents attached. Mention Page number, wherever the copy (ies) of the document(s) is kept.
- ii. In case of non-fulfillment of any of the above information/ document(s), the Tender will be summarily rejected without giving any notice.

**(Dated Signature of the Tenderer with stamp of firm)**

**Annexure-I**  
**FINANCIAL BID**

“Real Time PCR Machine, Fully Automated Gel Documentation System, & Other Equip.  
For Microbiology Department”

(In sealed Cover-II super scribed “Financial Bid”)

| Sr. No.            | Item Description  | Qty    | Warranty | Unit Price | Taxes (if applicable) VAT / Sales Tax/etc | Total Unit Price (including all taxes) | Total price of (Unit price x Quantity) |
|--------------------|---|--------|----------|------------|---|--|--|
| 1.                 | Schedule-A: Real Time PCR Machine   | 1 Nos. | 1 Years  |            |   |  |  |
| 2.                 | Schedule-B: Fully Automated Gel Documentation System                                | 1 Nos. | 1 Years  |            |   |  |  |
| 3.                 | Schedule-C: Laminar Flow - PCR Work Bench   | 2 Nos. | 1 Years  |            |   |  |  |
| 4.                 | Schedule-D: Horizontal gel electrophoresis with compatible power pack & accessories | 1 Nos. | 1 Years  |            |   |  |  |
| 5.                 | Schedule-E:<br>a. Electronic adjustable pipette (10 µl -100 µl)                     | 1 Nos. | 1 Years  |            |   |  |  |
|                    | b. Electronic adjustable pipette (0.1-10 µl)  | 2 Nos. | 1 Years  |            |   |  |  |
| 6.                 | Schedule-F: Microwave Oven  | 1 Nos. | 1 Years  |            |   |  |  |
| <b>Grand Total</b> |   |        |          |            |   |  |  |

1. The schedule wise Total Price will be the deciding factor for L1 provided all terms & condition mentioned in the tender document are full filled.
2. Price bid should be submitted in given format only for additional information/extra items above format may be typed and used.
3. Price is quoted on Rupees only.

DATE:

SIGNATURE WITH NAME AND SEAL OF THE FIRM

**Declaration by the Bidder:**

1. This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained in Tender document regarding terms & condition of the contract, rules regarding purchase of Laminar Air Flow, Electronic Weighing Balance, Digital pH meter, Drying Rack for microbiology. I/we agree to abide them.
2. No other charges would be payable by AIIMS Raipur and there would be no increase in rates during the Contract period.

Place:.....

(Signature of Bidder with seal)

Date:.....

Name:

Seal:

Address:

**Annexure - II**  
**Technical Specification**

**Schedule-A: Real Time PCR Machine**

**Quantity: 01 Nos.**

- Capable of performing both real time PCR and end point analysis
- Peltier-based system.
- 96-well block (both for Fast and standard Emulation Mode)
- Supported volume range: 10µl to 30 µL
- Filters(wide band) - Five-excitation filters, five-emission filters.
- Detection : CCD camera.
- Block ramp rate (at peak):  $\geq 5^{\circ}$  C
- Temperature Range: 4°C-99°C
- Factory calibrated for handling dyes such as SYBR Green, FAM, VIC, JOE, NED, TAMRA, ROX, Texas Red, Cy3, Cy5.
- Additional Dyes Available: Calibration for new dyes within the wavelength range should be possible by following the custom dye calibration procedure in the User's Manual without purchase of additional filter sets.
- Capable of performing relative and absolute quantitation, Melting curve analysis (at high resolution), multiplex-PCR, SNP analysis, dissociation curve analysis, pathogen detection and plus/minus assays etc.
- Data collection:
  - Standard- Collect data for all 5 filters for all wells regardless of plate setup. Plate setup may be altered after run completes.
  - Expert: Collect data for selected individual filter or group of filters for all wells regardless of plate. Plate setup may be altered after run completes.
- Details of data acquisition during run for all dyes should be provided and ensured Temperature accuracy: Maximum (+/-0.5°C of set point/display temperature, measured at 3 minutes after clock start).
- Run time: ~30 min (fast mode-expert), <2 hrs (standard & emulation mode) for 40 cycles).
- The software should be inclusive of Multi-componenting Algorithm designed to provide precise deconvolution of multiple dye signals in each well to ensure minimal crosstalk when using multiple fluorophores for multiplex assays.
- Dedicated licensed full version software for primer and probe design with comprehensive assay design and development guidelines for quantitative and qualitative real-time assays should be provided to enable designing of custom oligo assays.
- The IQ, OQ and PQ of the instrument should be performed at the time of installation.
- CE-IVD compliant along with the tools like security access, auditing and e-signatures.
- Electrical specification: 220 volts, 50Hz. single phase A.C.
- Should be supplied with warranty of **one years**.



## **Schedule-B: Fully Automated Gel Documentation System**

### **Quantity: 01 Nos.**

- Sensitive, multimode image capture and analysis via an intuitive touch screen interface and advanced software for analyzing Chemiluminescent western blots, Stained Nucleic acid Gels, Stained protein gels and Chemiluminescent Nucleic Acid Blots.
- System should automatically take a corresponding visible white image with every chemiluminescent image exposure and should allow overlay alignment with pre-stained MW markers.
- The complete capability to replace a Dark Room.
- The Exposure time should be from 10 milliseconds to 99 minutes.
- Should have high resolution camera with 4 mega pixel or more/greater resolution, 16-bit CCD Camera, motorized fixed lens 50mm, f/0.95
- At least 4 position motorized filter wheel; 1 blank for Chemiluminescence and 3 for filters.
- Illumination source should be 306nm trans UV and LED epiwhite. Should have large 10.4 inch touch screen display with an integrated computer with >200GB hard drive. To operate the touchscreen interface, a stylus should be provided along with the system.
- At least 5 user licenses included with the instrument.
- The System should create *Dark and Biased Master files* to compensate for the noise coming from the CCD Camera during Image Acquisition.
- The capability to automatically capture a series of images using preset or user defined exposure times.
- Innovative molecular weight overlay feature where colorimetric molecular weight marker can be overlaid onto a chemiluminescent image for molecular weight determination without compromising the underlying chemiluminescent densitometry data.
- The Software should be able to calculate sample purity automatically based on band and lane intensity and should be able to calculate the Relative and Absolute quantity of the unknown proteins samples.
- Should be an open platform to accept standard image file types (i.e., TIFF, JPEG, PNG, GIF, BMP files).
- The Software should be able to edit the Images and Text Annotation option should also be there.
- The Software should perform Lane Profile Densitometry (Lane and Band Identification) and it should also analyze Molecular Weight; determine the Rf and Molecular Weight of protein or Nucleic Acid Bands using Installed or Custom MW Markers
- At least 3 USB & 1 Network Port should be included in the System and the system should get directly connected to the printer.
- System should be upgradable and there should be flexibility to add filters.
- Electrical specification: 220 volts, 50Hz. single phase A.C.
- Should be supplied with warranty of **one years**.

### **Schedule-C: Laminar Flow – PCR Work Bench**

**Quantity: 02 Nos.**

- Vertical laminar airflow.
- Approximate dimensions: 730 X 300 x 700mm
- Optional mobile base.
- Built in ultraviolet lamp with timer.
- The optional Monitair microprocessor controller monitors and displays cabinet operating parameters, airflow, containment, and filter condition; emits audio and visual alerts if conditions become unsafe, all on a LCD display.
- Electrical specification: 220 volts, 50Hz. single phase A.C.
- Should be supplied with warranty of **one year**

### **Schedule-D: Horizontal gel electrophoresis with compatible, power pack & accessories**

**Quantity: 01 Nos.**

- It should have a buffer chamber, safety lid with cables of electrode set.. UV transparent tray and one each of 1.5mm thick 8 and 15 well comb.
- 1 Pack each of Casting tray of size 7 x 7 cm and 7 x 10cm.
- Spares include one casting tray of size 7x7cm and 7x10cm each and 2 comb set.
- Electrophoresis power supply unit can be used with submarine and mini vertical electrophoresis unit. It can run two units at constant voltage or constant current with maximum output of 300V, 400mA and 80Watts. Time can be set in 1 minute increment or continuous mode.
- Power supply unit should have power and timing set up digital mode.
- Should have ISI mark or other equivalent quality certificate.
- Should be supplied to at least 5 other government institute/hospitals.
- Successful demonstration should be provided.
- **one year warranty**

### **Schedule-E & F: Electronic adjustable pipette (Item No.5 & 6)**

**Quantity: 01 Nos. of (10 µl -100 µl) & 02 No. of (0.1-10 µl)**

- Complete autoclavable, light weight- low force.
- Spring loaded tip cone.
- Improved ergonomics, tight fit to the tip.
- Tip ejector: Very low operating force, positioned for perfect ergonomics.
- Volume ranges:- 10-100 µl & 0.1-10 µl
- 4 position volume display.
- Locking of volume adjustment.
- Individual Calibration certificate for 0.5 to 10 10-100 and 100-1000 ul micropipette.
- Imprecision and inaccuracy in µl should conform to ISO 8655
- Technical evaluation will include on sight practical demonstration and use of the micropipette for checking its compatibility, accuracy and precision.

- Each micropipette should be supplied with operator manual that provides complete information on re-calibration and maintenance of the pipette.
- **one year warranty**

**Schedule-G: Microwave Oven**

**Quantity: 01 Nos.**

- Oven Capacity 20 - 25 litre.
- 2.Microwave Frequency 2450 MHz
- LED display of its function.
- Timer 60 minutes - 90 minutes
- Exterior Dimensions 520 mm (W) x 360 mm (H) x 450 mm( D) approx.
- Oven Dimensions 330 mm (W) x 220 mm (H) x 330 mm (D) approx.
- Safety The equipment shall be bonded to earth effectively in accordance with the I.E.E. Wiring Regulations. Sufficient Safety Interlocks to prevent leakage of microwave.
- Accessories shall be supplied with a glass/ceramic tray.
- **Warranty of one year.** ISO certified
- Supply voltage 220 volts, 50Hz. single phase A.C.

**MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM**  
(Chapter III, Form C- Point No.5 of the tender)

To

The Store Officer,  
All India Institute of Medical Sciences Raipur

Dear Sir,

TENDER: \_\_\_\_\_.

We, \_\_\_\_\_ who are established and reputable manufacturers of \_\_\_\_\_, having factories at \_\_\_\_\_ and \_\_\_\_\_, hereby authorize Messrs \_\_\_\_\_ (name and address of agents) to bid, negotiate and conclude the contract with you against Tender No. \_\_\_\_\_ for the above goods manufactured by us. No company or firm or individual other than Messrs \_\_\_\_\_ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

We hereby extend our full guarantee and warranty as per the conditions of tender for the goods offered for supply against this tender by the above firm.

The authorization is valid up to \_\_\_\_\_

Yours faithfully,

(Name)

For and on behalf of Messrs \_\_\_\_\_  
(Name of manufacturers)/Principal.