

Tender

For

Modular Laboratory Furniture  
At

All India Institute of Medical Sciences, Raipur

NIT No. : ADMIN/Tender/Modular Laboratory Furniture /1/2013

NIT Issue Date : 27-03-2014

Pre bid Meeting : 09-04-2014 at 11:00 PM, at 1<sup>st</sup> floor, Committee Hall Medical  
College Building, AIIMS, Raipur

Last Date of Submission : 22-04-2014 at 03:00 PM



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

Tatibandh, Raipur – 492099, Chhattisgarh

Tele: 0771- 2573777, email: [admin@aiimsraipur.edu.in](mailto:admin@aiimsraipur.edu.in)

Website: [www.aiimsraipur.edu.in](http://www.aiimsraipur.edu.in) & [www.tenders.gov.in](http://www.tenders.gov.in)

**Chapter I- Instruction to bidders****Notice Inviting  
Tender**

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.

<b>S.No</b>	<b>Description</b>	<b>Qty</b>
<b>1</b>	<b>Department of Anatomy (Schedule-A)</b>	
1	Histology lab tables	5
<b>2</b>	<b>Department of Pathology Lab (Schedule-B)</b>	
1	ISLAND TABLE	6
2	GROUND MOUNTED CUPBOARD	2
3	WALL TABLE	1
4	WALL TABLE	1
<b>3</b>	<b>Department of Microbiology (Schedule-C)</b>	
1	Central Work Benches – I	1
2	Central Work Benches – II	3
3	Side wall Work Station- I	1
4	Side wall Work Station - II	1
5	Vertical Storage Cupboard	2
6	Ground mounted Cupboard –I	2
7	Ground mounted Cupboard- II	4
8	Regents Racks	10
<b>4</b>	<b>Department of Pharmacology (Schedule-D)</b>	
<b>a.</b>	<b>Experimental Pharmacology Laboratory</b>	
1	Island Table	4
2	Wall Storage cupboards with Workstop below storage	2
3	Ground mounted Storage Cupboard	1
<b>b.</b>	<b>Clinical Pharmacology Laboratory</b>	
1	Island Table	2
2	Ground mounted Storage Cupboard	2

<b>S.No</b>	<b>Description</b>	<b>Qty</b>
<b>5</b>	<b>Department of Forensic Medicine and Toxicology (Schedule-E)</b>	
1	L- Shaped Table	1
2	U-Shaped wall table	1
3	Island- Table	1
<b>6</b>	<b>Department of Biochemistry (Schedule-F)</b>	
1	ISLAND TABLE	4
2	L SHAPE WALL TABLE	2
<b>7</b>	<b>DEPARTMENT OF PHYSIOLOGY (Schedule-G)</b>	
<b>a.</b>	<b>Haematology Laboratory</b>	
1	Work station	2
2	Cabinets/Shutter under existing slab (Laboratory)	36
3	Cabinets/Shutter under existing slab (Preparation room)	6
4	Vertical storage Cupboard	5
<b>b.</b>	<b>Human Laboratory</b>	
1	Instrument table/ work station	6
2	Cabinet/shutters under existing slab (laboratory)	22
3	Cabinet/shutters under existing slab (preparation room)	3
4	Anti vibration table	1
<b>c.</b>	<b>Mammalian/Experimental Laboratory</b>	
1	Cabinet/ shutters under existing slab (laboratory)	11
2	Wall storage cabinet (preparation room)	4

- Interested parties may send their tender in sealed cover addressed to the Administrative Officer, All India Institute of Medical Sciences, Tatibandh, Raipur superscripted with tender number and complete in all respects latest by 22-04-2014 up to 3:00 pm. The Quotations will be opened on the same day at 03.30 PM in the Project Cell, Residential Complex, All India Institute of Medical Sciences, Raipur. The tenders received after the scheduled date and time will be rejected out rightly.
- 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 technical bid and the financial bid should be sealed by the bidder in separate covers superscribed "**Technical bid for Tender for Supply of Modular Laboratory Furniture** " and "**Financial Bid for Tender for Supply of Modular Laboratory Furniture**". Both Sealed Envelopes should be kept in a main/ bigger envelope superscribed as "**Tender for Supply of Modular Laboratory Furniture**". The 'Technical Bid' will be analysed 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.

**Schedule of  
Tender**

Issue Date	:	<b>27-03-2014</b>
Last date and time of receipt of tender	:	<b>22-04-2014</b> at 03:00 PM
Date & time of opening of tender	:	<b>22-04-2014</b> at 03:30 PM
Venue	:	Administrative Officer AIIMS, Tatibandh, Raipur-492099
Tender Document Cost	:	₹ 5,000/- (Rupees Five Thousand only)
<b>Amount of Earnest Money Deposit (EMD)</b>	:	
Department of Anatomy (Schedule A)	:	EMD : ₹ 30,000/- (Thirty Thousand Only)
Department of Pathology Lab (Schedule B)	:	EMD : ₹ 45,000/- (Forty Five Thousand Only)
Department of Microbiology (Schedule C)	:	EMD : ₹ 52,000/- (Fifty Thousand Thousand Only)
Department of Pharmacology (Schedule D)	:	EMD : ₹ 48,000/- (Forty Eight Thousand Only)
Department of Forensic Medicine and Toxicology (Schedule E)	:	EMD : ₹ 27,000/- (Twenty Seven Thousand Only)
Department of Biochemistry (Schedule F)	:	EMD : ₹ 57,000/- (Fifty Seven Thousand Only)
Department of Physiology (Schedule G)	:	EMD : ₹ 44,000/- (Forty Four Thousand Only)

4. Tender document may be downloaded from this Institute's official website "<http://www.aiimsraipur.edu.in>" and the tenderer shall deposit a separate Bank Draft/ Pay Order/ Banker's cheque in favour of "All India Institute of Medical Sciences, Raipur" worth ₹5000/- 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.

Administrative Officer  
AIIMS, Raipur

**Chapter-II- Conditions of Contract**

**General Terms and Conditions**

**Subject: - Notice Inviting Tender for Supply of Modular Laboratory Furniture for All India Institute of Medical Sciences, Raipur**

**1. Earnest Money :**

Earnest money by means of a Bank Demand Draft/ Pay Order of ₹ 30,000/- (Rupees Thirty Thousand only) for Schedule-A, ₹ 45,000/- (Rupees Forty Five Thousand only) for Schedule-B, ₹ 52,000/- (Rupees Fifty Two Thousand only) for Schedule-C, ₹ 48,000/- (Rupees Forty Eight Thousand only) for Schedule-D, ₹ 27,000/- (Rupees Twenty Thousand only) for Schedule-E, ₹ 57,000/- (Rupees Fifty Seven Thousand only) for Schedule-F & ₹ 44,000/- (Forty Four Thousand Only) for Schedule-G may be enclosed with the quotation (Technical Bid). It is also clarified that the quotations received without earnest money will be summarily rejected. The pay Order/DD may be prepared in the name of "All India Institute of Medical Sciences, Raipur".

- a) 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.
- b) 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.
- c) Tenders without Earnest Money or Tender cost will be summarily rejected.
- d) No claim shall lie against the AIIMS in respect of erosion in the value or interest on the amount of EMD.

**2. Preparation and Submission of Tender :**

The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. The Technical Bid and the Financial Bid should be sealed by the bidder in two separate covers "**Technical Bid for Tender for Supply of Modular Laboratory Furniture**" and "**Financial Bid for Tender for Supply of Modular Laboratory Furniture**". Both Sealed Envelopes should be kept in a main/ bigger envelope superscribed as "**Tender for Supply of Modular Laboratory Furniture**"

**3. Signing of Tender :**

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.**

- (1) 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.
- (2) 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.
- (3) 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.

- (4) **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.

**4. 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

**5. Validity of the bids:**

The bids shall be valid for a period of 120 day from the date of opening of the tender. This has to be so specified by the tenderer in the commercial bid.

**6. 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.

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

AIIMS, Raipur, reserves all right to reject any tender including of those tenderers 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 observer the prescribed procedure and any attempt to canvass the work prejudice the contractor's quotation.

**8. Performance Security :**

The successful tenderer will be required to furnish a Performance Security Deposit of 10% of tender amount in the form of Fixed Deposit Receipt or Bank Guarantee



from any Nationalized 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 Bank Guarantee or Fixed Deposit Receipt issued by a scheduled Bank and the Performa provided with the tender document. Performance Security will be discharged 60 days after completion of contractor's performance obligations (including warranty period) under the contract.

**9. Delivery & Installation :**

The Furniture shall be delivered within 30 days of issue of supply order. Satisfactory installation / commissioning and handover of the furniture will be completed within two weeks from the date of receipt of the furniture at the AIIMS, Raipur premises.

**10. 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-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 form 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 30 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 instalment due under the contract, or
- c) Cancel the contract and purchase or authorised 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 instalment 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 born by the Purchaser.
- Inspector's decision as regards the rejection shall be final and binding on the Supplier.

**11. Guarantee / Warranty:**

- The on-site replacement warrant shall remain for a period of 36 Month from the date of recording of acceptance of goods at site.
- During warranty period, the supplier is required to visit AIIMS, Raipur's site at least once in 4 months commencing from the date of delivery of the goods for preventive maintenance of the goods.
- If the supplier having been notified, fails to respond to take action to replace the defect(s) within 10 days the purchaser may proceed to take remedial action(s) as deemed fit.

**12. Liquidated Damages**

If the supplier fails to deliver any or all of the goods or fails to perform the service within the time frame(s) incorporated in the tender, the Purchaser shall, without prejudice to other right and remedies available to the Purchaser under the tender, deduct from the quoted price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of the quoted price .Once maximum 10% of value of delayed supply is reached, Purchaser may consider termination of the tender.

**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 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.

**15. 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.

**16. 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 stands forfeited.

**17 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. Only one tender shall be submitted by one tenderer.

**18. 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.

**19. Terms of payment:**

- 100% payment of the total order value shall be released after the successful installation of the ordered goods against the submission of the satisfactory installation report by designated committee.

**20. Arbitration:**

If any difference arises concerning this agreement, its interpretation on payment to the made thereunder, 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 the other party for submission of the dispute for decision by an Arbitral Tribunal containing Sole Arbitrator to be appointed by the Secretary, Department of Legal Affairs. 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, 1990 and the rule framed there under and in force shall be applicable to such proceedings.

**21. 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.

Administrative Officer  
AIIMS, Raipur

**Chapter III - Specifications and allied Technical Details**

**Minimum Technical Eligibility Criteria For prospective Tenderers: -**

1. The bidder should be an official member with SEFA (Scientific Equipments & Furniture Association)
2. The bidder should have carried out at least one similar work of value not less than 80 lakhs, preferably at Central Government educational / research institute. In this context, the bidder should produce the backup documents like Purchase Orders, along with satisfactory work completion certificates for the same.
3. This Notice Inviting Tender is open to all suppliers who fulfill the eligibility criteria specified in these documents.
4. Contractors of Appropriate class of those who have carried out similar work in AIIMS, CSIR, ICAR, DBT, Govt. and Semi Govt. Organisations, who are eligible as per the minimum requirements defined as below:-

**Bidders, who satisfy the Criteria from 5.1 (a) to 5.1 (m) shall be qualified for Price Bid Opening after Technical Evaluation based on following Criteria ( including submission of Mockup Samples as mentioned in “NIT” ) :-**

- a) Bidders should submit valid ISO 9001-2008 ; ISO 14001 – 2004 and ISO 18001:2007 Certifications duly notarized (True copies).
- b) The Bidders should have a valid factory license for Manufacturing, Assembling and Supply of Laboratory Furniture.
- c) The Bidder should be a Bona-fide manufacturer and must have in house manufacturing Unit having capacity and infrastructure for Designing and fabricating the LABORATORY BENCHES FURNITURE & FIXTURES.
- d) The Bidder should have valid license/approval of the Pollution Control Board for operating his/her manufacturing facility.
- e) Bidders should have minimum experience of total 3 completed installations of Laboratory Furniture in AIIMS, CSIR, ICAR, DBT, Govt. Semi-Govt. Organisations, Scientific/Health care related Organisations during the last 5 Years and duly certified documentary evidence of the same has to be produced by the concerned respective authorities, which should be either of the following:-
  - i) Should have satisfactorily completed Similar **Single Work of Rs. 80 Lakh.**

**OR**

ii) Should have satisfactorily completed **Two Similar works each costing Rs. 60 Lakh**

**OR**

iii) Should have satisfactorily completed **Three Similar Works each costing Rs. 40 Lakh**

- f) Bidder should have average annual financial turnover of **Rs. 10 Crores in LABORATORY FURNITURE works**, during the last three Financial Years ending **31<sup>st</sup> March 2013** and should not have incurred loss in last 3 years. A letter duly signed by the Chartered Accountant/Company Secretary indicating the Financial Turnover and Profit & Loss Account must accompany with Technical Bid.
- g) Bidder should produce Income tax returns & Balance sheets for the Past three years ending **31<sup>st</sup> March 2013** along with copy of PAN/TAN No. Sales Tax registration Certificate.
- h) **Bidders have to** visit the site & thoroughly prepare detailed interior LABORATORY FURNITURE layout drawings of all the required respective rooms covered in this project to be submitted as per the detailed technical specifications along with the technical tender documents, failing which the tender shall be rejected.
- k) Bidders should be Manufacturers dealing with international standard furniture. Certification of recognition/membership of **The Scientific Equipment and Furniture association (SEFA) USA will be an added qualification.**
5. Bidder should submit third party Test Certificates for SEFA 8-M, All comprehensive Tests including Chemical Analysis Tests, from SEFA Approved Laboratory.

The Bidder should produce the Audited Statement of accounts for the last 3 years.

Administrative Officer,  
AIIMS, Raipur.



**Chapter - IV Contract Form**

**TENDER FORM - 1 - TECHNICAL INFORMATION AND UNDERTAKING.**

(Tenderer may use separate sheet wherever required)

S. No.	Details of the Firm/Bidder	Page No.	
1.	Name & Address of the Tenderer/ Concern		
2.	State clearly whether it is Sole proprietor or Partnership firm or a company or a Government Department or a Public Sector Organisation		
3.	Name and address of service centre at Raipur / in Chhattisgarh		
4.	Details of the Earnest Money Deposit (EMD) Schedule wise		
5.	Details of the cost of the Tender documents worth ₹ 5000/- (Rupees Five Thousand only)		
6.	Whether each page of NIT and its annexure have been signed and stamped		
7.	Whether Bidders have quoted for each and every item mentioned in Chapter V		
8.	List of Major Customer may be given on a separate sheet and proof of previous satisfactory supply, if any		
9.	Proof of the last three year's turnover of the firm which should not be less than ₹ 80,00,000/-(Rupees Eighty Lakhs only) annual average for the preceding three financial years.		
10.	Permanent Account Number		
11.	TIN No. with Proof		
12.	Copies of authenticated balance sheet for the past three financial years enclosed		
13.	Any other information important in the opinion of the tenderer		

**Note:**

- **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.**
- **In case of non-fulfilment 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)

Date:

Place:

**Undertaking**

1. That I/we have carefully studied all the terms & conditions of NIT and shall abide by it.
2. That I/We shall supply the items of requisite quality.
3. That I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.

Date: (Dated Signature of the Tenderer with stamp of firm)

Place:

**Chapter-V-**

**Financial Bid**

(To be submitted on the letterhead of the company / firm)  
**For Schedule- A/B/C/D/E/F/G**

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

S. No.	Item Description	Unit Price in INR		Custom duty in INR (if applicable)		Taxes (if applicable) VAT / Sales Tax/etc in INR		Service Tax (if applicable) in INR		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment													
	CMC (for 5 years)													
													<b>Grand Total*</b>	

DATE:

SIGNATURE

NAME

SEAL

1. I/We have gone through the terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
2. No other charges would be payable by the Institute.

**Chapter - VI**

**TECHNICAL SPECIFICATIONS FOR LABORATORY MODULAR FURNITURE**

**Schedule-A**

**For Department of Anatomy**

1. **Anatomy-Histology Lab Tables:**



**2. Specification of Histology lab tables:**

Quantity: 5

Quality: shown in figure above.

Each table's Length: 25' ft

Width 3' ft 6" inches

Height 2' ft 6" inches

Each table along the length on each side should have 5 cabinets and 10 knee spaces (for 10 student seating) as follows:

1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10
**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10

...Walking space...

1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10
**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10

...Walking space...

1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10
**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10

...Walking space...

1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10
**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10

...Walking space...

1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10
**		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
1	c	c	2	3	c	c	4	5	c	c	6	7	c	c	8	9	c	c	10

Note: 1 to 10 Number representing the knee spaces during seating of 10 students.

Letter 'c' representing the cabinets for microscopes.

\*\* representing sockets for electricity supply.

So total capacity in histology lab is for 100 students.

3. **Professor Table With Chair:**

Quantity: 2

Specification: 1200L x 600W x 750H mm

## Schedule-B

### For Department of Pathology Lab

S.No	Description	Dimension	Qty
1	ISLAND TABLE	5650L x 1500W x 900H mm	6
2	GROUND MOUNTED CUPBOARD	900L x 450W x 1800H mm	2
3	WALL TABLE	2400L x 750W x 900H mm	1
4	WALL TABLE	4500L x 750W x 900H mm	1

### 1. Island Table

<b>DIMENSION</b>	:	(5650L x 1500W x 900H mm)
<b>MATERIAL CONSTRUCTION</b>	:	Completely made of 1 mm G.I sheets with epoxy polyester powder coating (60-80) microns. CRCA corrodes and hence not acceptable.
<b>CABINETS</b>	:	Completely made of 1mm GI Sheet as per IS 277 standard. The shutter & drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module is made up of GI panels and are bolted for high corrosion resistance. The shutters are mounted to the modules by hinges which are open able to 95degree & self closing on return. Lockable roller bearing must used so that the drawer will not fail. The telescopic drawer slides which should be very sturdy & able to take load up to 30 Kg. All modules to have lock and dual key arrangement.
<b>UNDER BENCH CABINET</b>	:	It consists of alternative modular with top drawer and bottom cupboard.

<b>UNDER BENCH PARTITION</b>	:	Bottom cupboard will have Removable partition lined with fiber glass reinforced polyester thermo set resin of 1mm thickness for enhanced chemical resistance. All the drawers will have locking arrangements.
<b>REAGENT RACK</b>	:	5 No's of single tier Reagent Rack will be provided.
<b>ELECTRICAL ARRANGEMENTS</b>	:	10 No's of 15/5 amps 3 pin Electrical socket cum switch will be provided.
<b>WORK TOP</b>	:	Made of (17 to 19mm) thick <b>JET Black Granite</b> top with chamfer moulding at the front & groove at the bottom to avoid spillage on the modules.
<b>BACKING MATERIAL</b>	:	The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets.
<b>AMENITIES</b>	:	<b>2 No's of Porcelain Sink (18"x12")</b> with 3 way water tap. <b>5 No's of Two way Gas Cocks &amp;</b> <b>5 No's of CFL light with switch</b> will be provided.
<b>COLOUR</b>	:	<b>Ivory / Blue</b>
<b>QUANTITY</b>	:	<b>6 nos.</b>



## 2. Ground Mounted Cupboard

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**DIMENSION** : (900L x 450W x 1800H mm)

**MATERIAL CONSTRUCTION** : Completely made of 1 mm G.I sheets with epoxy polyester powder coating (60-80) microns. CRCA corrodes and hence not acceptable.

**Quantity** : **2**

It will have front glass door and 2 nos. of horizontal partitions will be provided with locking system.

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## 3. Wall Table

**DIMENSION** : (2400L x 750W x 900H mm)

**MATERIAL CONSTRUCTION** : Completely made of 1 mm G.I sheets with epoxy polyester powder coating (60-80) microns. CRCA corrodes and hence not acceptable.

**CABINETS** : Completely made of 1mm GI Sheet as per IS 277 standard. The shutter & drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module is made up of GI panels and are bolted for high corrosion resistance. The shutters are mounted to the modules by hinges which are open able to 95degree & self closing on return. Lockable roller bearing must used so that the drawer will not fail. The telescopic drawer slides which should be very sturdy & able to take load up to 30 Kg. All modules to have lock and dual key arrangement.

**UNDER BENCH MODULAR** : It consists of alternative modular with top drawer and bottom cupboard. Bottom cupboard will have

one no inner horizontal partition. All the drawers will have locking arrangements.

**WORK TOP**

	:	Made of (17 to 19mm) thick <b>JET Black Granite</b> top with chamfer moulding at the front & groove at the bottom to avoid spillage on the modules.
<b>BACKING MATERTIAL</b>	:	The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets.
<b>COLOUR</b>	:	<b>Ivory / Blue</b>
<b>Quantity</b>	:	<b>1</b>

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## 4. Wall Table

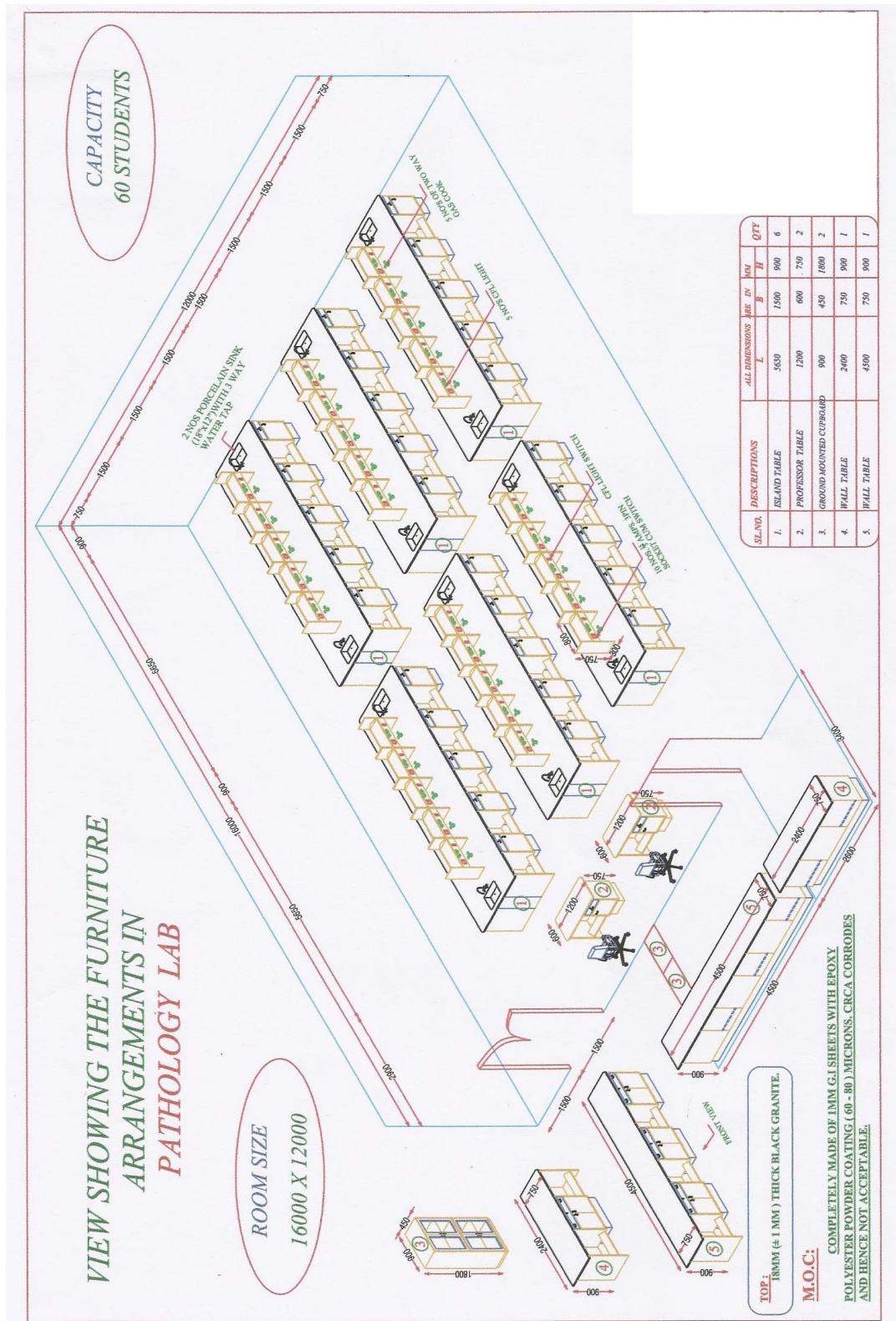
<b>DIMENSION</b>	:	(4500L x 750W x 900H mm)
<b>MATERIAL CONSTRUCTION</b>	:	Completely made of 1 mm G.I sheets with epoxy polyester powder coating (60-80) microns. CRCA corrodes and hence not acceptable.
<b>CABINETS</b>	:	Completely made of 1mm GI Sheet as per IS 277 standard. The shutter & drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module is made up of GI panels and are bolted for high corrosion resistance. The shutters are mounted to the modules by hinges which are open able to 95degree & self closing on return. Lockable roller bearing must used so that the drawer will not fail. The telescopic drawer slides which should be very sturdy & able to take load up to 30 Kg. All modules to have lock and dual key arrangement.
<b>UNDER BENCH MODULAR</b>	:	It consists of alternative modular with top drawer and bottom cupboard. Bottom cupboard will have one no inner horizontal partition. All the drawers will have locking arrangements.

**WORK TOP** : Made of (17 to 19mm) thick **JET Black Granite** top with chamfer moulding at the front & groove at the bottom to avoid spillage on the modules.

**BACKING MATERIAL** : The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets.

**COLOUR** : **Ivory / Blue**

**Quantity** : **1**



Drawing:

## Schedule-C

### Department of Microbiology

#### Requirement and Specifications of Furniture for Under-Graduate Practical Laboratory

S.No.	Name of Equipments	Qty (No.)	Technical Specifications
1.	Central Work Benches – I	1	Attached separately
2.	Central Work Benches – II	3	Attached separately
3.	Side wall Work Station- I	1	Attached separately
5.	Side wall Work Station - II	1	Attached separately
6.	Vertical Storage Cupboard	2	Attached separately
7.	Ground mounted Cupboard –I	2	Attached separately
8.	Ground mounted Cupboard- II	4	Attached separately
9.	Regents Racks	10	Attached separately
<b>Total</b>			

**1. Central Work Benches/ Island Tables - I**

<b>Dimension</b>	<b>Material construction</b>	<b>Cabinets</b>	<b>Under bench cabinet</b>	<b>Under bench partition</b>	<b>Reagent rack</b>	<b>Electrical arrangements</b>	<b>Work top</b>	<b>Backing material</b>	<b>Amenities</b>	<b>Colour</b>
(8550Lx 1500W x 750 H mm)	Completely made of G.I sheets with pure epoxy polyester powder coating (60-80) microns. The Vendor Should have valid Executive SEFA member ship Certificate.	Completely made of GI Sheet as per IS 277 standard. The shutter & drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module should be made up of GI panels and bolted for high corrosion resistance. The shutters should be mounted to the modules by hinges which can be opened up to 95degree & self closed on return. Lockable roller bearing must be used so that the drawer will not fail. The telescopic drawer slides should be very sturdy & able to take load up to 30 Kg. All modules should have lock and dual key arrangement.	It should be modular with top drawer and bottom cupboard .	Bottom cupboard should have Removable partition.	2 No's of Two tier and 7 No's of Single tier Reagent Racks should be provided.	18 No's of 15/5 amps 3 pin Electrical socket cum switch should be provided.	Should be made up of (17 to 19mm) thick JET Black Granite top with chamfer moulding at the front & groove at the bottom to avoid spillage on the modules.	The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets	2 No's of Porcelain Sink (18"x12") with 3 way water tap, 8 No's of Two way Gas Cocks &1 No of Bench mounted eye wash unit should be provided.	Ivory / Blue

2. Central Work Benches/ Island Tables - II

Dimension	Material construction	Cabinets	Under bench cabinet	Under bench partition	Reagent rack	Electrical arrangements	Work top	Backing material	Amenities	Colour
(8550Lx 1500W x 750 H mm)	Completely made of G.I sheets with pure epoxy polyester powder coating (60-80) microns. The Vendor Should have valid Executive SEFA membership Certificate.	Completely made of GI Sheet as per IS 277 standard. The shutter & drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module should be made up of GI panels and bolted for high corrosion resistance. The shutters should be mounted to the modules by hinges which can be opened up to 95degree & self closed on return. Lockable roller bearing must be used so that the drawer will not fail. The telescopic drawer slides should be very sturdy & able to take load up to 30 Kg. All modules should have lock and dual key arrangement.	It should be modular with top drawer and bottom cupboard .	Bottom cupboard should have Removable partition.	2 No's of Two tier and 7 No's of Single tier Reagent Racks should be provided .	18 No's of 15/5 amps 3 pin Electrical socket cum switch should be provided.	Should be made up of (17 to 19mm) thick <b>JET Black Granite</b> top with chamfer moulding at the front & groove at the bottom to avoid spillage on the modules.	The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets	2 No's of <b>Porcelain Sink (18"x12")</b> with 3 way water tap, 8 No's of <b>Two way Gas Cocks</b> should be provided.	<b>Ivory / Blue</b>

**3. Side Wall Work Station- I/ Wall Table**

Dimension	Material construction	Cabinets	Under bench modular	Work top	Backing material	Colour
(3300L x 750W x 900H mm)	Completely made of G.I sheets with pure epoxy polyester powder coating (60-80) microns. <b>The Vendor Should have valid Executive member Certificate. SEFA ship</b>	Completely made of GI Sheet as per IS 277 standard. The shutter & drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module should be made up of GI panels and bolted for high corrosion resistance. The shutters should be mounted to the modules by hinges which can be opened up to 95degree & self closed on return. Lockable roller bearing must be used so that the drawer will not fail. The telescopic drawer slides should be very sturdy & able to take load up to 30 Kg. All modules should have lock and dual key arrangement.	It should be modular with top Drawer and bottom cupboard. Bottom cupboard should have one inner horizontal partition. The drawers should have locking arrangements.	Should be made up of (17 to 19mm) thick <b>JET Black Granite</b> top with chamfer moulding at the front & groove at the bottom to avoid spillage on the modules.	The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets.	Ivory / Blue



**4. Side Wall Work Station- II/ Wall Table**

Dimension	Material construction	Cabinets	Under bench modular	Work top	Backing material	Colour
(3300L x 750W x 900H mm)	<p>Completely made of G.I sheets with pure epoxy polyester powder coating (60-80) microns. CRCA corrodes and hence not acceptable.</p> <p><b>The Vendor should have Valid Executive SEFA membership Certificate.</b></p>	<p>Completely made of GI Sheet as per IS 277 standard. The shutter &amp; drawer front should have sound deadening plastic bumpers to be used to minimize banging noise while closing the shutter. The entire module is made up of GI panels and are bolted for high corrosion resistance. The shutters are mounted to the modules by hinges which are open able to 95degree &amp; self closing on return. Lockable roller bearing must used so that the drawer will not fail. The telescopic drawer slides which should be very sturdy &amp; able to take load up to 30 Kg. All modules to have lock and dual key arrangement.</p>	<p>It consists of alternative modular with top drawer and bottom cupboard. Bottom cupboard will have one no inner horizontal partition. All the drawers will have locking arrangements.</p>	<p>Made of (17 to 19mm) thick <b>JET Black Granite</b> top with chamfer moulding at the front &amp; groove at the bottom to avoid spillage on the modules.</p>	<p>The granite should be backed by 6 mm thick marine grade plywood to avoid direct load on under bench cabinets.</p>	<p>Ivory / Blue</p>

**5. Vertical Storage Cupboard**

Dimension	Material construction	Horizontal partition	Vertical partition	Colour	
(900L x 750W x 1800H mm)	Should be completely made up of G.I sheets with pure epoxy polyester powder coating (60-80) microns.	6 No's	3 No's	Ivory / Blue	The vertical drawers should have wheels for smooth running purpose. Each drawer should have locking facility.

**6. Ground Mounted Cupboard - I**

Dimension	Horizontal partition	Material	Door
(900L x 450W x 1800H mm)	2 nos	Should be completely made up of G.I sheets with pure epoxy polyester powder coating (60-80) microns.	Should have front shutter door
(900 L X 750W x 850 H mm)	1 no	Should be completely made up of G.I sheets with pure epoxy polyester powder coating (60-80) microns.	Without shutter door

**7. Ground Mounted Cupboard – II**

Dimension	Horizontal partition	Material	Door
(900 L X 750W x 850 H mm)	1 no	Should be completely made up of G.I sheets with pure epoxy polyester powder coating (60-80) microns.	Without shutter door

**8. Reagent Racks**

Dimension	Horizontal partition	Material and other specifications
(900L x 200W x 750H mm)	1 no	Should be completely made up of G.I sheets with pure epoxy polyester powder coating (60-80) microns. Front open. No door. Complete fixing on wall over the existing platform.

**Schedule-D**  
**Department of Pharmacology**  
**AIIMS Raipur (CG)**  
**Modular Laboratory Specifications**

**A. Experimental Pharmacology Laboratory**

Sr. No.	Description	Quantity
1	Island Table	4
2	Wall Storage cupboards with Workstop below storage	2
3	Ground mounted Storage Cupboard	1

Sr. No.	Shape	Dimensions	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Colour	No. of Units
1	Island Table	L = 5200 mm B = 1500 mm H = 850 mm	1 mm GI sheets with Epoxy polyester powder coating	Jet black granite top (17 to 20 mm thick) with chamfer moulding at the front and groove at the bottom to avoid spillage on the modules and should be supported by plywood (6-8 mm thick) to avoid direct load on under bench cabinets  <b>Reagent Rack:</b> Dimensions: L = 900 mm, B = 300 mm, H = 750 mm Reagent rack one on each island table which should be of two tiers with spillage preventing facility. It should be	Should be situated below the worktop. Should be made up of 1 mm GI sheet. The shutters are mounted to the modules by hinges which are able to open at 95 degree and self closing on return. The shutter and drawers front should have plastic bumpers to minimize banging noise while closing. Locks to prevent falling of drawer while pulled out. The sturdy telescopic drawer slides to bear load upto 30 kg. Cabinets should have doors and locks with dual keys. 5 cabinets with 5 leg spaces on both of island table	Top drawer and bottom cupboards	Cupboard should have removable partition with locking arrangement	Ivory/ Blue	6

**Tender Enquiry No. ADMIN/Tender/Modular Laboratory Furniture /1/2014**

Sr. No.	Shape	Dimensions	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Colour	No. of Units
				with 2 No. of 15/5 amps 3 pin electrical sockets cum switch  <b>Electrical arrangement:</b> 12 Nos. 15/5 amps 3 pin electrical sockets cum switch along with electrical panel					
2	Wall Storage Cupboards With worktop below storage	<b>Wall Storage Cupboard:</b> L = 3300 mm B = 500 mm H = 600 mm  <b>Worktop table below wall storage cupboards</b> L = 3300 mm, B = 600 mm, H = 850 mm	1 mm GI sheets with Epoxy polyester powder coating	Jet black granite top (17 to 20 mm thick) with chamfer moulding at the front and groove at the bottom to avoid spillage on the modules and should be supported by plywood (6-8 mm thick) to avoid direct load on under bench cabinets  <b>Electrical arrangement:</b> 3 Nos. 15/5 amps 3 pin electrical sockets cum switch along with electrical panel adjacent to wall.	<b>Cabinets for wall storage</b> should have 2 tiers facility with 3 vertical partitions with door having magnetic stoppage and lock system. Horizontal partitions should be removable.  Should be made up of 1 mm GI sheet. The shutters are mounted to the modules by hinges which are able to open at 95 degree and self closing on return..  <b>Cabinets below worktop</b> Material same as above. The shutter and drawers front should have plastic bumpers to minimize banging noise while closing. Locks to prevent falling of drawer while pulled out. The sturdy telescopic drawer slides to bear load upto 30 kg. All the Cabinets should have door and locks with dual keys.	Top drawer and bottom cupboards	Cupboard should have removable partition with locking arrangement	Ivory/ Blue	2

**Tender Enquiry No. ADMIN/Tender/Modular Laboratory Furniture /1/2014**

Sr. No.	Shape	Dimensions	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Colour	No. of Units
3	Ground mounted Cupboard	L = 3300 mm B = 350 mm H = 2200 mm	1 mm GI sheets with Epoxy polyester powder coating		<p>Of the 2200 mm height, Cabinets with drawer and shutters upto 850 mm height from ground level. Above this, remaining height (1350 mm) be divided into 3 vertical partitions (fixed) and 2 horizontal partition (fixed). Thus, 6 compartments. Each compartment should have 2 shelves (with removable partition), door with auto stoppage and lock with dual key. Should be made up of 1 mm GI sheet.</p> <p>The shutter and drawers should have plastic bumpers to minimize banging noise while closing. Locks to prevent falling of drawer while pulled out. The sturdy telescopic drawer slides to bear load upto 30 kg.</p> <p>All the Cabinets should have door and locks with dual keys.</p>		Cupboard should have removable partition with locking arrangement	Ivory/ Blue	2

**B. Clinical Pharmacology Laboratory**

Sr. No.	Description	Quantity
1	Island Table	2
2	Ground mounted Storage Cupboard	2

Sr. No.	Shape	Dimensions	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Colour	No. of Units
1	Island Table	L = 5200 mm B = 1500 mm H = 850 mm	1 mm GI sheets with Epoxy polyester powder coating	Jet black granite top (17 to 20 mm thick) with chamfer moulding at the front and groove at the bottom to avoid spillage on the modules and should be supported by plywood (6-8 mm thick) to avoid direct load on under bench cabinets  <b>Reagent Rack:</b> Dimensions: L = 900 mm, B = 300 mm, H = 750 mm Reagent rack one on each island table which should be of two tiers with spillage preventing facility. It should be with 2 No. of 15/5 amps 3 pin electrical sockets cum	Should be situated below the worktop. Should be made up of 1 mm GI sheet. The shutters are mounted to the modules by hinges which are able to open at 95 degree and self closing on return. The shutter and drawers front should have plastic bumpers to minimize banging noise while closing. Locks to prevent falling of drawer while pulled out. The sturdy telescopic drawer slides to bear load upto 30 kg. Cabinets should have doors and locks with dual keys. 5 cabinets with 5 leg spaces on both of island table	Top drawer and bottom cupboards	Cupboard should have removable partition with locking arrangement	Ivory/ Blue	2

**Tender Enquiry No. ADMIN/Tender/Modular Laboratory Furniture /1/2014**

Sr. No.	Shape	Dimensions	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Colour	No. of Units
				switch <b>Electrical arrangement:</b> 12 Nos. 15/5 amps 3 pin electrical sockets cum switch along with electrical panel					
2	Ground mounted Cupboard	L = 3300 mm B = 500 mm H = 2200 mm	1 mm GI sheets with Epoxy polyester powder coating		Of the 2200 mm height, Cabinets with drawer and shutters upto 850 mm height from ground level. Above this, remaining height (1350 mm) be divided into 3 vertical partitions (fixed) and 2 horizontal partition (fixed). Thus, 6 compartments. Each compartment should have 2 shelves (with removable partition), door with auto stoppage and lock with dual key. Should be made up of 1 mm GI sheet.  The shutter and drawers should have plastic bumpers to minimize banging noise while closing. Locks to prevent falling of drawer while pulled out. The sturdy telescopic drawer slides to bear load upto 30 kg.  All the Cabinets should have door and locks with dual keys.		Cupboard should have removable partition with locking arrangement	Ivory/ Blue	2

## Schedule-E

### Department of Forensic Medicine and Toxicology

#### Modular Laboratory Workstation Specifications

S. No	Shape	Dimension	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Color	No. of Units
1.	L- Shaped Table	<b>Length-</b> 800 CM+775 CM  <b>Width-</b> 75 cm  <b>Height-</b> 90 cm	1 mm. GI sheet with polyester powder coating to prevent corrosion	Black granite-20 mm thickness, provision on the front and back to clear spillage. The worktop granite should be backed by thick plywood to avoid direct load on under bench cabinets.	Situated below the worktop, make of GI sheet 1mm.the shutters of the modules should be open able up to 90° and close by itself. Plastic material to be placed for the prevention of banging noise. Locks to prevent falling of drawer when pulled out. Modules should have locks with dual keys.	Should have top drawer and bottom cupboard.	Bottom cupboards should have removable partition with locking arrangements.	Preferably Maroon.	01



**Tender Enquiry No. ADMIN/Tender/Modular Laboratory Furniture /1/2014**

S. No	Shape	Dimension	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Color	No. of Units
2.	U-Shaped wall table	<b>Length-</b> 1170 CM+3750CM+1000 CM <b>Width-</b> 75 cm <b>Height-</b> 90 cm	1 mm. GI sheet with polyester powder coating to prevent corrosion	Black granite-20 mm thickness, provision on the front and back to clear spillage. The worktop granite should be backed by thick plywood to avoid direct load on under bench cabinets.	Situated below the worktop, make of GI sheet 1mm.the shutters of the modules should be open able up to 90° and close by it. Plastic material to be placed for the prevention of banging noise. Locks to prevent falling of drawer when pulled out. Modules should have locks with dual keys.	Should have top drawer and bottom cupboard.	Bottom cupboards should have removable partition with locking arrangements.	Preferably Maroon.	01
3.	Island-Table	<b>Length-</b> 600 CM <b>Width-</b> 150 cm <b>Height-</b> 90 cm	1 mm. GI sheet with polyester powder coating to prevent corrosion	Black granite-20 mm thickness, provision on the front and back to clear spillage. The worktop granite should be backed by thick plywood to avoid direct	Situated below the worktop, make of GI sheet 1mm.the shutters of the modules should be openable up to 90° and close by itself.Plastic material to be placed for the	Should have top drawer and bottom cupboard.	Bottom cupboards should have removable partition with locking arrangements.  <b>Reagent rack</b>	Preferably Maroon.	01

**Tender Enquiry No. ADMIN/Tender/Modular Laboratory Furniture /1/2014**

S. No	Shape	Dimension	Material	Worktop	Cabinet	Under bench cabinet	Under bench partition	Color	No. of Units
				load on under bench cabinets.	prevention of banging noise. Locks to prevent falling of drawer when pulled out. Modules should have locks with dual keys.		6 Nos. two tiers with provision to prevent spillage.  12 Nos. of 3 pin electrical sockets with switches should be provided		

## Schedule-F

### Department of Biochemistry

<b>S.No</b>	<b>Description</b>	<b>Dimension</b>	<b>Qty.</b>
1	ISLAND TABLE	6900LX1200BX 900H	4
2	L SHAPE WALL TABLE	(9600+5650)LX750BX900H	2

**DEPARTMENT OF BIOCHEMISTRY**  
**MODULAR LABORATORY WORKSTATION**

The Storage cabinets should be panel based completely knock down condition (KDC) with modular concepts. All panels should be removable to repair any service line the units or to shift the cabinets in future.

S. No	Shape	Dimension	Material	Powder coating	Worktop	Cabinet	Under Bench Cabinet	Under Bench Partition	Color	No of Units
1	Island Table Testing Standard : SEFA -8 <b>vendor should have valid executive SEFA membership certificate</b>	Length : 6900 mm Width : 1200m m Height : 900mm	<b>Cabinet Frames:</b> (Horizontal and vertical stiffeners) -1.2mm thick G.I panels. <b>Panels:</b> End Side , Back panels are of 1mm thick G.I Sheets. <b>Cabinet Frame :</b> Granite frame of 2mm thickness. <b>Material Of Construction :</b> The cabinet is fabricated using G.I ( Galvanized Steel) sheets with 120 gsm ( grams per sq.m) of zinc	The G.I panels are coated with pure epoxy type powder coating of minimum thickness (60-80 microns) with electrostatic difference and backed at high temperature (160°C) for glossy aesthetic finish. Epoxy polyester type powder should be avoided for better chemical resistance and wear resistance.	Black Granite 20mm thickness provision on the front and back to clear spillage. The worktop granite should be backed by 6mm marine plywood to avoid	Situated below the worktop, made of G.I sheet 1 mm the shutters of the modules should be open able up to 90° and close by itself. Plastic material to placed for the prevention of banging noise. Locks to prevent falling of drawer when pulled out. Modules should have locks with dual keys.	Should have top drawer and bottom cupboard	Bottom Cupboard should have removable partition with locking arrangements with fiber reinforced glass polymer lining (Bisphenol resin ) of thickness 1mm for enhanced chemical inertness.	As per Client Scope.	4

**Tender Enquiry No. ADMIN/Tender/Modular Laboratory Furniture /1/2014**

S. No	Shape	Dimension	Material	Powder coating	Worktop	Cabinet	Under Bench Cabinet	Under Bench Partition	Color	No of Units
			deposition of zero spangled nature to aid better powder coating absorption. ( dry film). CRCA corrodes and hence should be avoided.		direct load on under bench cabinets.	Reagent Rack : 5 nos of two tier reagent rack with 3mm friction glass . Sink : 2 Nos of Porcelain sink (18" x 12") with three way water tap.				
2	L Shape Wall Table : Testing Standard : SEFA -8 <b>vendor should have valid executive SEFA membership certificate</b>	Length : (9600+5650)m Width : 750mm Height : 900mm	<b>Cabinet Frames:</b> (Horizontal and vertical stiffeners) -1.2mm thick G.I panels. <b>Panels:</b> End Side , Back panels are of 1mm thick G.I Sheets. <b>Cabinet Frame :</b> Granite frame of 2mm thickness. <b>Material Of Construction :</b> The cabinet is	The G.I panels are coated with pure epoxy type powder coating of minimum thickness (60-80 microns) with electrostatic difference and backed at high temperature (160°C) for glossy aesthetic finish. Epoxy polyester type powder	Black Granite 20mm thickness provision on the front and back to clear spillage. The worktop granite should be backed by	Situated below the worktop, made of G.I sheet 1 mm the shutters of the modules should be open able up to 90° and close by itself. Plastic material to placed for the prevention of banging noise. Locks to prevent falling of drawer	Should have top drawer and bottom cupboard	Bottom Cupboard should have removable partition with locking arrangements with fiber reinforced glass polymer lining (Bisphenol resin ) of thickness 1mm for	As per Client Scope.	2

S. No	Shape	Dimension	Material	Powder coating	Worktop	Cabinet	Under Bench Cabinet	Under Bench Partition	Color	No of Units
			fabricated using G.I ( Galvanized Steel) sheets with 120 gsm ( grams per sq.m) of zinc deposition of zero spangled nature to aid better powder coating absorption. ( dry film). CRCA corrodes and hence should be avoided.	should be avoided for better chemical resistance and wear resistance.	6mm marine plywood to avoid direct load on under bench cabinets.	when pulled out. Modules should have locks with dual keys. . Sink : 2 Nos of Porcelain sink (18" x 12") with three way water tap.		enhanced chemical inertness.		

## Schedule-G

### DEPARTMENT OF PHYSIOLOGY

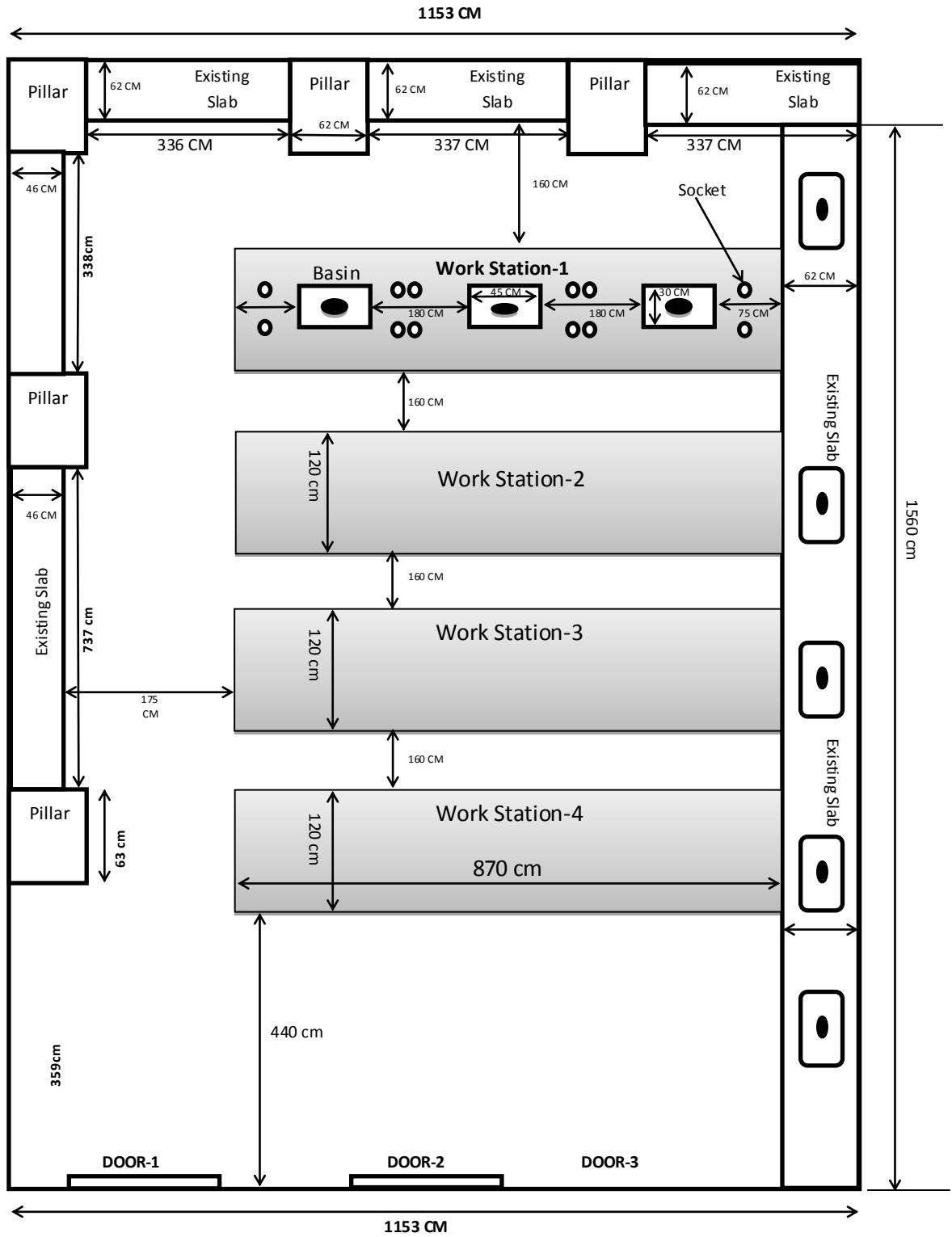
#### Specifications for procurement of modular furniture

#### a. Haematology Laboratory

Sl. No.	ITEMS	Quantity Required	SPECIFICATION
1	Work station	02	<p>Space of 160 cm in between two work stations.</p> <ul style="list-style-type: none"> <li>• 870cm x 120 cm x 90cm (L × W × H in cm)</li> <li>• 14 electrical points for power supply.</li> <li>• 3 No's of Porcelain sink of size (45 cm x30 cm) with 2 No's of single way water tap</li> </ul> <p>Black Granite (17-18mm thick) top and 2 modular cabinets with top drawer and bottom cupboard with locking system. The granite should be backed by marine grade plywood to avoid direct load on under bench cabinets.</p> <p><b>Material:</b> Completely made of 1 mm GI sheets (as per IS 277 standard) with epoxy polyester powder coating (60-80) microns. CRCA corrodes not acceptable.</p> <p><b>Under bench cabinet :</b>Should have top drawer and bottom cupboard. Bottom cupboard should have Removable partition. The shutter &amp; drawer front should have sound deadening plastic bumpers &amp; should be high corrosion resistance. The shutters should be able to open to 95 degree &amp; self closing on return. The drawer slides should be able to take load up to 30 Kg. All modules should have lock and dual key arrangement.</p>
2.	Cabinets/ Shutter under existing slab (Laboratory)	36	<p>60 D x 80Hx 3645 L (cm)</p> <p>Drawers under the slabs and shelf just above pipe lines.</p> <p><b>Shutters:</b>The shutters fronts should have PVC thermo foil face(with urethane acrylic coating) E1/E2 grade core material.</p> <p><b>Hinges:</b> Hettich / hafele (Germany) make and self closing concealed clip The Hinges should be CED ( Cathode electrode deposition)coated black colour for enhanced chemical and corrosion resistance.</p>
3.	Cabinets/ Shutter under existing slab (Preparation room)	06	<p>60 Dx80 Hx 642 L (cm)</p> <p>Drawers under the slabs and shelf just above pipe lines.</p> <p><b>Shutters:</b>The shutters fronts should have PVC thermo foil face(with urethane acrylic coating) E1/E2 grade core material.</p> <p><b>Hinges:</b>Hettich / hafele (Germany) make and self closing concealed clip The Hinges should be CED (Cathode electrode deposition)coated black colour for enhanced chemical and corrosion resistance.</p>
4.	Vertical storage Cupboard	05	<p>Dimension of each unit: 90x75x180 ((L × W × H in cm) approx</p> <p>Attachments: 6 Horizontal &amp; 3 Vertical partition with locking facility.</p> <p><b>Material:</b> Completely made of 1 mm G.I sheets with epoxy polyester powder coating (60-80) microns. CRCA corrodes not acceptable.</p> <p>Preferred : wheels along with the provision of index cards</p>

Annexure - I

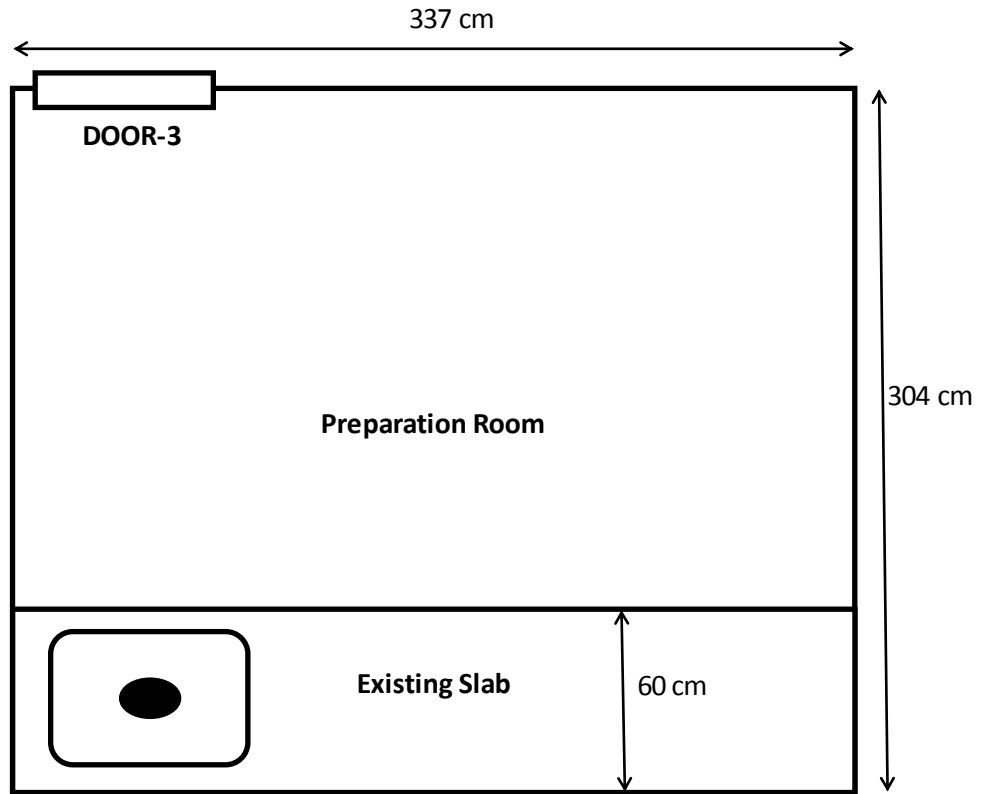
Proposed plan for Hematology Laboratory





Annexure-I

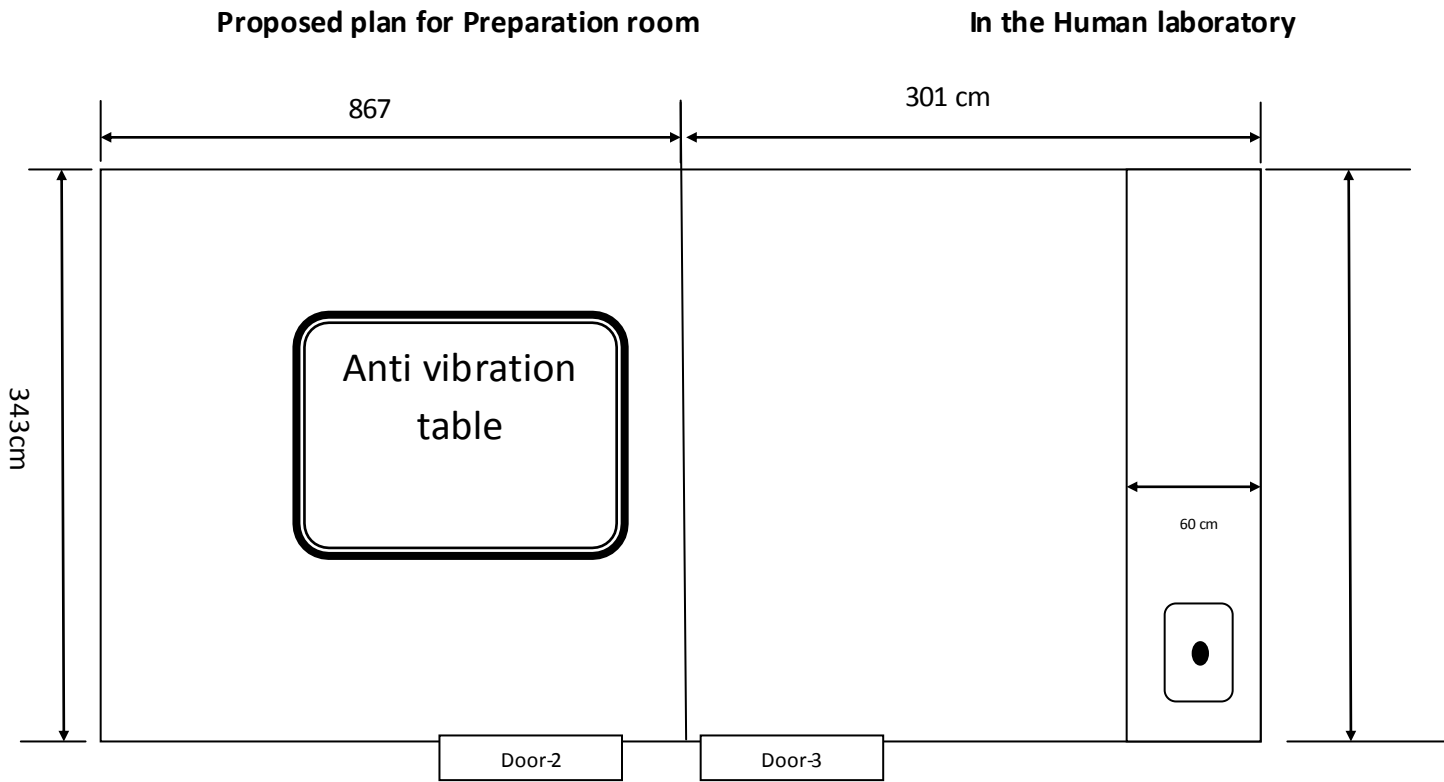
Proposed plan for Preparation Room in the Hematology Laboratory



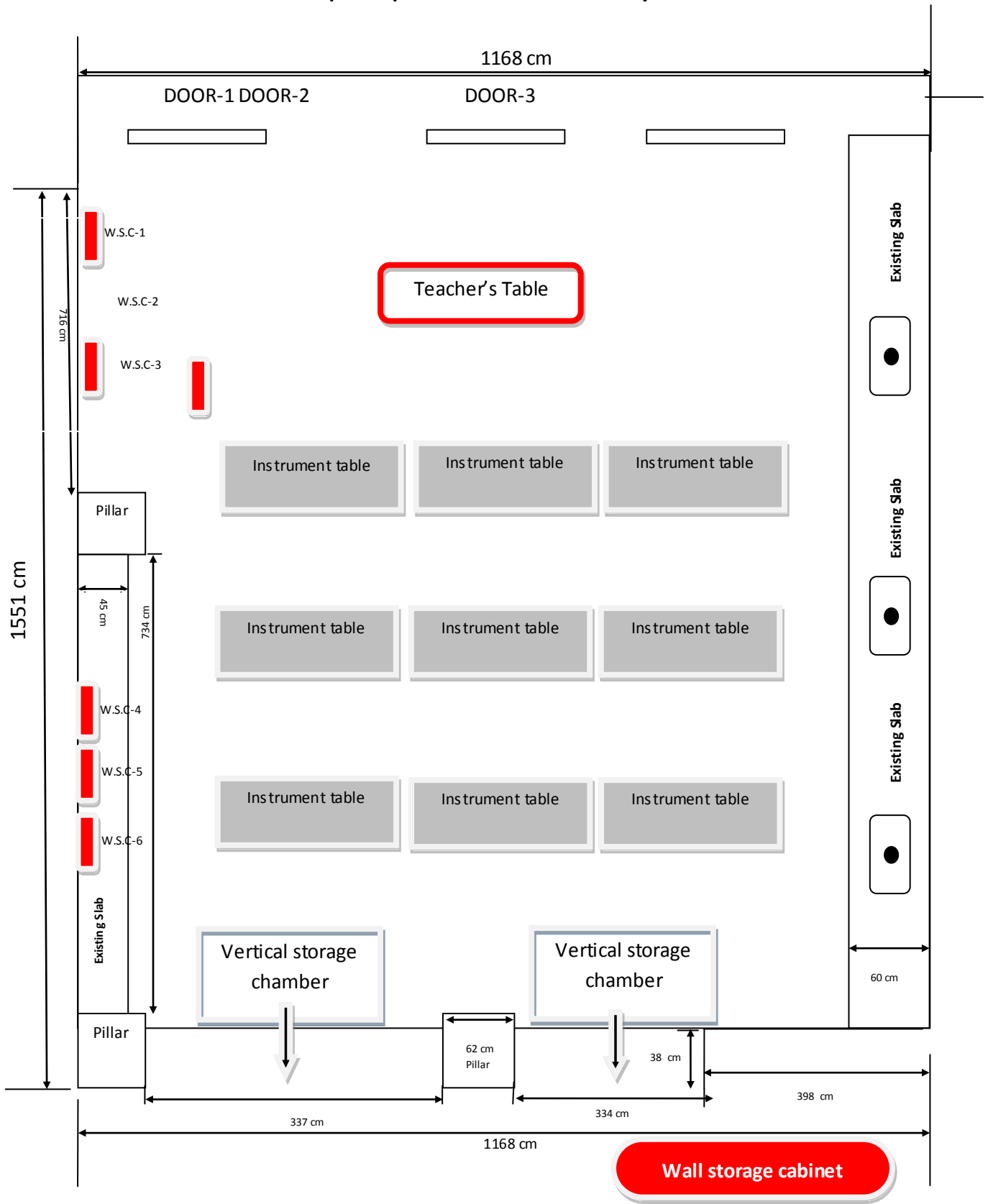
**Human Laboratory**Detailed plan given in *Annexure II*

Sl. No.	ITEMS	Quantity Required	SPECIFICATION
1.	Instrument table/ work station	06	Dimension of each unit: 200x90x76 (L × W × H in cm) approx Black Granite (17-18mm thick) top and 2 modular cabinets with top drawer and bottom cupboard with locking system. Preferred : wheels along with the provision of index cards <b>Material:</b> Completely made of 1 mm GI sheets (as per IS 277 standard) with epoxy polyester powder coating (60-80) microns. CRCA corrodes not acceptable.
2.	Cabinet/ shutters under existing slab (laboratory)	a) 15 b) 07	a) Dimension of each unit: 60 D x 80Hx 1515 L (cm) approx b) Dimension of each unit: 60 D x 80Hx 734 L (cm) approx Drawers under the slabs and shelf just above pipelines. <b>Shutters:</b> The shutters fronts should have PVC thermo foil face(with urethane acrylic coating) E1/E2 grade core material. <b>Hinges:</b> Hettich / hafele (Germany) make and self closing concealed clip The Hinges should be CED ( Cathode electrode deposition)coated black colour for enhanced chemical and corrosion resistance.
3.	Cabinet/ shutters under Existing slab (preparation room)	03	Dimension of each unit: 60 D x 80Hx 343L (cm)approx Drawers under the slabs and shelf just above pipelines. <b>Shutters:</b> The shutters fronts should have PVC thermo foil face(with urethane acrylic coating) E1/E2 grade core material. <b>Hinges:</b> Hettich / hafele (Germany) make and self closing concealed clip The Hinges should be CED ( Cathode electrode deposition)coated black colour for enhanced chemical and corrosion resistance.
4.	Anti vibration table	01	Dimension: 90cm x75cm x 80cm (L × W × H in cm) approx <b>Material:</b> It is made up of 1 mm G.I sheets with epoxy powder coating. Preferred : wheels with locking system Attachments: Damper as anti-vibration

ANNEXURE – II  
Proposed plan for Preparation Room



**ANNEXURE – II**  
**Proposed plan for Human Laboratory**



**Mammalian/Experimental Laboratory**

Sl. No.	ITEMS	Quantity Required	SPECIFICATION
1	Cabinet/ shutters under existing slab (laboratory)	a) 08 b) 03	a) Total Dimension: 880cm x 60cm x 80cm (L x W x H in cm) approx. b) Total Dimension: <u>290 cm x60cm x 80cm (L x W x H in cm) approx.</u> Drawers under the slabs and shelf just above pipelines. <b>Shutters:</b> The shutters fronts should have PVC thermo foil face E1/E2 grade core material. The Urethane acrylic coating on top of thermo foil is resistant to deformation & Scratches PVC. <b>Hinges:</b> Hettich / hafele (Germany) make full overlay self closing concealed clip on type. The Hinges should be CED ( Cathode electrode deposition)coated black colour for enhanced chemical and corrosion resistance.
2.	Wall storage cabinet (preparation room)	04	Dimension of each unit: <u>90x60x120 ((L x W x H in cm) approx.</u> Made of 12-16mm thick Marine grade plywood <b>Shutters:</b> The shutters fronts should have PVC thermo foil face(with urethane acrylic coating) E1/E2 grade core material. Attachments: Front transparent glass door and horizontal partitions with locking system

**Note:** The dimensions mentioned are approximate and the requirements can be adjusted as per actual measurements at the site by the deputed firm.

**DRAFT**

**PERFORMANCE SECURITY BOND FORM**

1. In consideration of All India Institute of Medical Sciences, Raipur (here in after called the AIIMS, Raipur) having agreed to exempt \_\_\_\_\_ (here in after called the said contractor(S) from the demand of security deposit/earnest money of ₹ \_\_\_\_\_ on production of Bank Guarantee for ₹\_\_\_\_\_ For the due fulfilment by the said contractors of the terms & conditions to be contained in an Agreement in connection with the contract for supply of \_\_\_\_\_ we, (name of the Bank) \_\_\_\_\_ (herein after referred to as “the Bank”) at the request of \_\_\_\_\_ Contractor’s do hereby undertake to pay the AIIMS, Raipur an amount of not exceeding \_\_\_\_\_, against any loss or damage caused to or suffered or would be caused to or suffered by the AIIMS, Raipur reason of any breach by the said contractors of any of the terms & conditions contained in the said agreement.
2. We (Name of the Bank) \_\_\_\_\_ do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the AIIMS, Raipur stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the AIIMS, Raipur reason of breach by the said contractors of any of terms & conditions contained in the said agreement or by reason of the contractors failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee, where the decision of the AIIMS, Raipur in these counts shall be final and binding on the Bank. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹\_\_\_\_\_.
3. We undertake to pay to the AIIMS, Raipur any money so demanded not withstanding any disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or tribunal relating thereto our liability under the present being absolute and equivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s)/supplier(s) shall have no claim against us for making such payment.
4. We(Name of the bank)\_\_\_\_\_ further agree that the guarantee herein contained shall remain in full force and effect immediately for a period of one

year from date herein and further agrees to extend the same from time to time (one year after) so that it shall continue to be enforceable till all the dues of the AIIMS, Raipur, under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till AIIMS, Raipur certifies that the terms & conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges guarantee.

5. We (name of the bank) further agree with the AIIMS, Raipur that the AIIMS, Raipur shall have the fullest liberty without our consent and without affecting in any manner our obligations here under to vary and of the terms & condition of said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time to time any of the powers exercisable by the AIIMS, Raipur against the said any contractor(s) and to forbear or enforce any of the terms & conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, and or any omission on the part of the AIIMS, Raipur or any indulgence by the AIIMS, Raipur to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. The guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s)/ supplier(s).
7. This guarantee shall be irrevocable and the obligations of the Bank herein shall not be conditional to any prior notice by AIIMS, Raipur.

Dated: \_\_\_\_\_

For

\_\_\_\_\_ (Indicating the name of the bank)

N.B. This guarantee should be issued on non-judicial stamped paper, stamped in accordance with the stamp act.

## TENDER FORM

Date \_\_\_\_\_

To,

The "Director",  
All India Institute of Medical Sciences (AIIMS) Raipur  
Tatibandh, Raipur- 492099 (CG) INDIA

Ref. Your TE document No. \_\_\_\_\_ Dated \_\_\_\_\_

I/We, the undersigned hereby agree to all the terms and conditions, stipulated by the AIIMS Bhopal, in this connection including delivery, warranty, penalty etc. against above said TE document No. \_\_\_\_\_ Dated \_\_\_\_\_ (if any). We now offer to supply and deliver \_\_\_\_\_ (*Description of Laboratory Furniture Items and services*) in conformity with your above referred document for the sum of \_\_\_\_\_ (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the Laboratory Furniture & and perform the services as mentioned above, in accordance with the delivery schedule specified in the Schedule of Requirements (SOR).

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, "Special Conditions of Contract", for due performance of the contract.

We agree to keep our tender valid for acceptance as required in the GIT clause 20, read with modification, if any in Section - III – "Special Instructions to Tenderers" or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities/Organizations.

We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any.

(Signature with date )  
(Name and designation)

Duly authorised to sign tender for and on behalf of

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Signature of Tenderer .....

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