### **Notice Inviting Tender**

For Annual Rate Contract for Supply of Reagents/Kits, chemical & Glassware etc

to

### **Indira Gandhi Institute of Medical Sciences - Patna**



Tender No.: 03 / 2022-23 / IGIMS/Store

Last Date of submission: 20.06.2022 up to 4 P.M.



INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES, SHEIKHPURA, PATNA – 800 014 (Bihar, India) Tel.: 0612 – 2297631, 2297099; Fax: 0612 – 2297225; Website: <a href="www.igims.org">www.igims.org</a>; E-Mail: <a href="mailto:director@igims.org">director@igims.org</a> / <a href="mailto:bme@igims.org">bme@igims.org</a>

#### **Background:**

Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna - 800 014 is the premiere medical institute of the state of Bihar - established by the act of Assembly and functioning under Department of Health, Government of Bihar. Various facilities are being developed at this Institute to cater to needs of patients belonging to the state of Bihar and neighbouring states.

Indira Gandhi Institute of Medical Sciences, Patna (IGIMS) invites tender for supply of Reagents/Kits, Chemical and Glassware etc for Dept. of Biochemistry, Microbiology, & Pathology as per specifications given in the Annexure attached to the Tender form. All offers should be made in English and should be written in both figures and words. Tender forms can be downloaded from the Institute website (http://www.igims.org) of the Institute.

The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, Indira Gandhi Institute of Medical Sciences, Patna reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

#### **Terms and Conditions:**

- 1. The technical and financial bids should be quoted separately and put in different sealed envelopes marked "Technical bid" or "Financial bid" as applicable. These separate bids envelopes are to be put in an outer envelope which should also be sealed.
- 2. The Vendors who have earlier supplied the Reagent/Kits, Chemical & Glassware etc to reputed Govt. / Pvt. Institutions / Organizations and other Medical / Scientific Institute of National Repute may only tender. The details of such institutions and the cost with name of items may also be supplied with the bids.
- 3. The technical and financial bids should be submitted in original. The financial bid should include the cost of items and its accessories. If there is any separate cost for assemblers, transportation etc. that should also be quoted.
- 4. Each individual sealed envelope as well as the outer envelope should be marked with the following reference on the top left hand corner: "Tender Notice No.: 03/2022-23/IGIMS/Store Item Name: Annual rate contract for supply Reagents/Kits, Chemical and Glassware etc for Dept. of Biochemistry, Microbiology, & Pathology.
- 5. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance.
- 6. The rates should be quoted in figures (typed or printed) and cutting should be avoided. The final amount should be in figures as well as in words. If there are cuttings, they should be duly initialed, failing which the bids are liable to be rejected.
- 7. Any bids received after 4:00 P.M. on 20.06.2022 shall not be considered
- **8.** The Technical Bids will be opened on 21.06.2022 at 03:00 P.M. The date & time for opening of

Financial Bids will be informed later on to the technically qualified bidders.

- 9. While mentioning rates, the firm shall give an undertaking to the effect that "the terms/conditions mentioned in the enquiry letter/Tender Notice against which the rates are being given are acceptable to the firm." In case the firms do not give this undertaking, their rates will not be considered.
- **10.** If the supplier/firm is original equipment manufacturer (OEM)/authorized dealer/sole distributor of any item, the certificate to this effect should be attached.
- 11. The quantity shown against the item is approximate and may vary (increase of decrease) as per demand of the Institute at the time of placing order.
- **12.** All tender documents should have to be sent through courier, speed post or registered post only. All tender documents received after the specified date and time shall not be considered.

The postal address for submitting the tenders is:

The Director, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 (Bihar)

- 13. In the event of any dispute or difference(s) between the vendee Institute (IGIMS, Patna) and the vendor(s) arising out of non-supply of material or supplies not found according to specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to "The Director, IGIMS, Patna", who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act, 1996. The decision of the arbitrator shall be final and binding on both the parties.
- **14.** The place of arbitration and the language to be used in arbitral proceedings shall be decided by the arbitrator.
- 15. All disputes shall be subject to Patna (Bihar) Jurisdiction only.
- **16.** All tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the tenderer shall be summarily rejected.
- **17.** IGIMS, Patna reserves the right to cancel the tender at any point of time without assigning any reason.
- **18.** The bidders or their authorized representatives may also be present during the opening of the Technical Bid, if they desire so, at their own expenses.
- **Note:** Price bids of only those bidders will be opened whose technical bids are found suitable by the committee appointed for the purpose. Date and time of opening of price bids will be decided after technical bids have been evaluated by the committee. Information in this regard will be intimated to the technically qualified bidders. In exceptional situation, an authorized committee may negotiate price with the qualified bidder quoting the lowest price before awarding the contract.

#### **19.** Clarifications:

In case the bidders requires any clarification regarding the tender documents, they are requested to contact our office (e-mail: <a href="mailto:storeofficr@igims.org">storeofficr@igims.org</a>) on or before 10.06.2022

#### 20. Tender Cost:

A Demand draft of Rs. 2,500/-(Rupees Two Thousand Five Hundred only) towards non-refundable tender fee, drawn in favour of "The Director, IGIMS, Patna" payable at Patna (Bihar) should accompany the Technical bid documents. In the absence of tender cost, the tender will not be accepted.

#### 21. Earnest Money Deposit (EMD):

- i. A refundable amount of ₹1,00,000/- (Rs. One Lac Only) as earnest money deposit (EMD) in the shape of DD from a scheduled bank in India (valid for a minimum period of 3 months from the date of submission of tender) should accompany the bid documents. The DD drawn in favour of "The Director, IGIMS, Patna" payable at Patna (Bihar) should accompany the bid documents. The EMD should be kept in a separate sealed envelope, should be marked clearly and put in the outer envelope that contains the technical and financial bid envelopes. The bidders should enclose a prereceipted bill for the EMD to enable us to return the EMD of unsuccessful bidders. Failure to deposit Earnest Money will lead to rejection of tender. The bidders should submit separate EMD. In the event of the awardees bidder backing out, EMD of that bidder will be forfeited.
- **22.** The quantity shown against each item is approximate and may vary as per demand of the Institute at the time of placement of order.
- 23. The bidder must be able to provide the product/items within specified time period (i.e. within 30 days from the date of issue of Supply Order) as prescribed in the Purchase Order. Furthermore on completion of the stipulated time period, Purchase Order may be cancelled if failing above condition as per terms & conditions of Institute norms. On non-compliance, Supply Order will be cancelled and security deposits will be forfeited. Apart from above, firm will be blacklisted for any further participation in any tender of the Institute and legal action will be initiated for recovery of losses.

#### 24. QUALIFICATION CRITERIA

- a. Only manufacturer(s) or authorized distributor is eligible to bid. Authorization letter from Manufacturer in favour of authorized Agent to bid / negotiate / conclude the order against this tender must be enclosed with technical bid.
- b. The average annual turnover of the bidder in the last three financial years shall not be less than Rs. 2 Crores. A turn over certificate to this effect duly certified by a chartered accountant is to be submitted along with the tender.
- c. The tenderer should have a market standing for the last Three years. Documentary proof for the same in the form of supply orders from any Central/State Government Departments or Central/State PSU's or local bodies or reputed Private Institutions is to be submitted along with the tender.
- d. The tenderer should not have been debarred or blacklisted by any Central / State Government Departments of India. Provide the self-attested declaration as per Annexure H.
- e. Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature mentioning all the relevant features, must be enclosed with the technical bid.

f. The tenderer shall submit the copy of the tender document and addenda thereto, if any, with each page should be signed and stamped to confirm the acceptance of the entire term & conditions of the tender.

Note: The bid will be summarily rejected in case any or all of the following;

- a. The bid with conditional and ambiguous clauses.
- b. The bid without EMD..

The tender of any tenderer, who has not complied with one or more of the conditions of prequalification criteria and / or fail to submit the required documents in prescribed format as mentioned / or required / or conditional tender are liable to be summarily rejected.

#### 25. Documents with Technical bid and Financial bid

Following documents and forms are to be included in the technical bid and Financial bid respectively.

The technical bid (Cover A) shall consist of the following.

#### A. For manufacturer

The following documents are to be submitted.

- 1. Bid form as per Annexure B
- 2. Valid manufacturing license (Self–attested Copy)
- 3. Self-attested copy of PAN Card
- 4. Copy of the Memorandum of Association/Articles of Association / Partnership deed etc. and certificates of incorporation/ registration of the organization with details of Name, Address, Tel. No., Fax No., E-mail Address of firm and the Managing Director / Partner/ Proprietor.
- 5. GST Registration certificate (Self–attested Copy)
- 6. Documentary proof establishing market standing for last two year in the form of supply orders from any Central / State Government Departments or Central/State PSU's or local bodies or reputed Private Institutions
- 7. Documentary proof for establishing the average annual turnover of the tenderer in the last three years (2019-20,2020-21 and 2021 22) is not less than Rs.2 crores duly certified by a chartered accountant.
- 8. Power of attorney for signatory of bid in Rs 200/- stamp paper duly notarized.
- 9. DD for EMD.
- 10. Copy of Recent Non conviction certificate.
- 11. Duly signed and sealed bid document by the bidder/ authorized signatory of the bidding form in all pages.
- 12. Duly filled checklist
- 13. In case of imported products, copy of Import license and relevant documents.

#### B. For Distributor/Importer/Marketer

The following documents are to be submitted.

- 1. Bid form as per Annexure B.
- 2. Copy of Valid drug license (Self-attested Copy).
- 3. In case of distributors quoting the tender, along with their certificate of registration details, place of registration, principal place of business; they would also be furnishing duly attested copy of factory license of the principal manufacturer's and other relevant documents.
- 4. Copy of the Memorandum of Association/Articles of Association / Partnership deed etc. and certificates of incorporation/ registration of the organization with details of Name, Address, Tel. No., Fax No., E-mail Address of firm and the Managing Director / Partner / Proprietor.
- 5. GST registration certificate (Self–attested Copy)
- 6. Self-attested Copy of PAN Card
- 7. List of all quoted products to IGIMS, Patna.
- 8. Authorization letter from manufacturer (Self-attested Copy).
- 9. Documentary proof for establishing the average annual turnover of the tenderer in the last three years (2019-20,2020-21 and 2021 22) is not less than Rs.2 crores duly certified by a chartered accountant. (From the manufacturer in case of Distributor)
- 10. Documentary proof for establishing the average annual turnover of the tenderer in the last three years is not be less than Rs.2 crores certified by a chartered accountant.
- 11. Copy of Last Two years P & L account and balance sheet duly certified by a Chartered Accountant of the authorized distributor along with the principal manufacturer.
- 12. Power of attorney for signatory of bid in Rs 200/- stamp paper duly notarized.
- 13. Duly signed and sealed bid document by the bidder/ authorized signatory of the bidding form in all pages.
- 14. DD for EMD.
- 15. Duly filled checklist
- 16. In case of Imported products, copy of Import license and relevant documents.
- 17. Copy of Recent Non conviction certificate

#### 26. Prices:

a. The Prices quoted should be inclusive of all taxes or duties, packing, forwarding, freight, insurance, delivery and commissioning etc. at destination site (IGIMS, Patna). The rates shall be firm and final. Nothing extra shall be paid on any account. In the price bid/financial bid, the vendor should clearly mention the final price breakup i.e. Ex-work price/FCA price, FOB price, CIP/CIF price & FOR IGIMS, Patna Campus price, as applicable in their bid.

#### 27. Validity:

The bid should be valid for acceptance up to a period of 180 Days. The Bidders should be ready to extend the validity, if required without any additional financial implications.

#### 28. Performance Bank Guarantee:

- a. The successful bidder shall have to submit a performance guarantee (PBG) within 15 days from the date of issue of Letter of Award (LOA). In case of the successful bidder fails to submit the requisite PBG, the contract shall be terminated duly forfeiting the dues if any payable against the contract. The failed contractor shall be debarred from participating in re-tender (if any) for that item. Performance Guarantee Bond is mandatory.
- b. The performance guarantee bond to be furnished in the form of Bank Guarantee as per given Performa of the tender documents, for an amount of ₹1,00,000.00 (Rs. One Lac Only)
- c. The Performance Guarantee should be established in favour of "Indira Gandhi Institute of Medical Sciences, Patna" through any Schedule Bank with a clause to enforce the same on their local branch at Patna (Bihar).
- d. Validity of the performance guarantee bond shall be for entire contract period and beyond 60 days.
- **29. Terms of Payment**: Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.
  - a. 100% payment of the contract price shall be paid on receipt of goods in good condition at the consignee premises and Certification of goods to be issued by the consignees subject to recoveries, if any, either on account of defects/ deficiencies not attended by the supplier or otherwise and upon the submission of the following documents:
  - b. Four copies of suppliers invoice showing contract number, goods description, quantity, unit price, total amount with revenue stamp.
  - c. Two copies of packing list identifying contents of each package.
  - d. Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the supplier rates as notified from time to time.
  - e. No payment shall be made for rejected stores. Rejected items must be removed by the supplier within two weeks of the date of issue of rejection advice 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.

#### **30.** GST

GST rates applicable on your quoted item may please be informed. Please confirm if there is any (Upward/Reduction) in your Basic Price structure and you are also requested to pass the Input Credit as per the following Anti Profiteering Clause of GST. "Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to I.G.I.M.S. – Patna by way of commensurate reduction in the prices".

#### Fall Clause:

i. Prices charged for supplies under Rate Contract by the supplier should in no event exceed the lowest prices at which he bids to sell or sells the stores of identical description to any other State Government/DGS&D/Public Undertaking during the period of the contract.

- ii. If at any time during the period of contract, the prices of tendered items is reduced or brought down by any law or Act of the Central of State government, the supplier shall be bound to inform Purchasing Authority immediately about such reduction in the contracted prices, in case the supplier fails to notify or fails to agree for such reduction of rates, the Purchasing authority will revise the rates on lower side. If there is a price increase for any product after quoting the rates, the bidder will have to supply the item as per quoted rates. This office will not accept any higher rates after wards.
- iii. If at any time during the period of contract, the supplier quotes the sale price of such goods to any other State Govt/DGS&D and Pubic Undertakings at a price lower than the price chargeable under the rate contract he shall forthwith notify such reduction to Purchasing Authority and the prices payable under the rate contract for the equipment's supplied from the date of coming into force of such price stands correspondingly reduced as per above stipulation.
- **31. Tender expenses and documents**: All costs incurred by the bidder in the preparation of the tender shall be at the entire expense of the bidder.
- **32. Tender Evaluation Criteria**: The technical bids will be opened and evaluated by a duly constituted committee. After evaluation of the technical bid, the financial bid for only those offers which have qualified in the evaluation of technical bid will be opened.

#### 33. Return of EMD:

- The earnest money of unsuccessful bidders will be returned to them without any interest within 15 working days after awarding the contract.
- The earnest money of the successful bidder will be returned to them without any interest within 15 Days after supply of material.
- **34. Manual and documentation**: All the manuals necessary for operating will have to be provided along with the item.
- 35. The IGIMS, Patna reserves the right to cancel the tender at any stage (point of time) without assigning any reason.
- **36.** Bidders should go through the tender terms, conditions and specifications carefully and fill in the attached compliance statement accurately and unambiguously. They should ensure that all the required documents are furnished along with the bid.

#### 37. Risk Purchase & Recovery of sums due:

- a. 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 'non compliance' or 'breach of contract' and the order in part of full be arranged from alternative source(s) at the discretion of the hospital authority and the difference in price has to be recovered from the tenderer as mentioned elsewhere.
- b. The amount will be recovered from any of his subsequent / pending bills or security Deposit.

- c. 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.
- **38. Communication of Acceptance:** IGIMS, Patna 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.
- **39. Insolvency etc.:** In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other 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 IGIMS, Patna shall have the power to terminate the contract without any prior notice.
- **40. 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, exception, or act of God (hereinafter referred to as events) provided notice of happening of any such eventuality is given by party to other within 10 days from the date of occurrence thereof, neither party hall 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 30 days, IGIMS, Patna party may, at least option to terminate the contract.

- **41. 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 contract without assigning any reasons thereof and nothing will be payable by IGIMS, Patna. In that event the security deposit shall also stand forfeited.
- **42. Subletting of contract**: The firm shall not assign or sublet the contract or any part of it to any other person or party without having first obtained permission in writing of IGIMS, Patna, which will be at liberty to refuse if thinks fit. The tender is not transferable.
- **43. Right to call upon information regarding status of contract**: The IGIMS, Patna will have the right to call upon information regarding status of contract at any point of time.

#### 44. 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 the Director, IGIMS, Patna to settle the dispute by Sole Arbitrator. Sole arbitrator will be appointed by the Director, IGIMS, Patna. The provision of Arbitration and Conciliation Act, 1996 and the rule framed there under and in force shall be applicable to such proceedings.

#### 45. Legal Jurisdiction:

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

- 46. The period of rate Contract is for Two year which may be extended for another one year with mutual concerns.
- **47.** False declaration will be in breach of the code of integrity under Rule 175 (1) (i) (b) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other action as may be permissible under law.
- 48. L1 shall be decided on lowest total amount including taxes.

Director,

I.G.I.M.S. - Patna.

#### **BID PARTICULARS**

1. Name of the Supplier	:		
2. Address of the Supplier	:		
3. Availability of demonstrat	ion of equipment / Iter	m: Yes/No	
4. Tender cost enclosed:	: Yes/No	if yes	
D. D. No	_Bank	Amount	
5. EMD enclosed	: Yes / No	if (Yes)	
D. D. No	Bank		
6. Name and address of t made regarding this tend	_	erson to whom all reference	s shall be
Name :			
Address	:		
Telephone No.	:		
Fax No.	:		
Mobile No	:		
E-Mail	:		
Web	:		
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#### **BID FORM**

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To: The Director I.G.I.M.S. – Patna.

Subject: Annual Rate Contract for the supply of Reagents/Kits, Chemical & Glassware etc to IGIMS, Sheikhpura, Patna (Bihar).
TENDER No.:

Dear Sir,

Having examined the Tender Documents, including Addenda Nos. [insert numbers], the receipt of which is hereby acknowledged, we, the undersigned, offer our services to Supply of Contrast media for IGIMS, Patna in full with Tender conformity the **Documents** for the total amount against the product indicated the price Schedule.

We undertake that in case our bid is accepted, we shall commence work and shall make all reasonable endeavor to achieve contract acceptance.

We agree to abide by this bid, which, in accordance with consists of this letter, the Price Schedule, letter of authorization, documents establishing conformity, list of deviations, and Attachments through [specify: the number of attachments] to this Bid Form, up to Two Years from the date of opening of financial bids and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

We declare that the above quoted price for product is firm and shall not be subject to any variation for the entire period of the assignment.

We further declare that the above quoted prices include all taxes as on the date of bid submission, duties and levies payable by us under aforesaid assignment.

We declare that price/ rate offered is for Laboratory consumables and all other related activities.

We have given details of deviations and exclusions (clause wise) taken with reference to tender documents provisions, along with justification for the services not covered in our offer.

We agree to all terms and conditions of the tender enquiry document.

The costs of withdrawals of these deviations / exclusions are enclosed with the Price Schedule. Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding contract between us.

We understand that you are not bound accept the lowest or any bid you may to receive. Dated this [insert: number] day of [insert: month], [insert: year].

Signature		•••••	••••	•••••	
Name					
Designation					
T 43	• .	0.5		4 9 4 %	

In the capacity of [insert: title or position]

Duly authorized to sign this bid for and on behalf of [insert: name of Bidder

### **Technical Compliance Sheet**

Ref: - Tender Notice No.: 03/2022-2023/IGIMS/Store

## **Department of Biochemistry**

The required items are as follows:-

required items	are as follows:-		
Sl No	Methanol		
1.	Sodium nitrite		
2.	Hydrogen peroxide		
3.	Ammonium hydroxide		
4.	Acetone		
5.	Glacial Acetic Acid		
6.	Sulphuric acid		
7.	4,4 Diaminobiphenyl Pure (C <sub>12</sub> H <sub>12</sub> N	2)	
		0.5ml	
	Glass Pipette		
8.	(Graduated)	1ml	
		2ml	
		5m l	
9.	Glass funnel (50mm Diameter)		
10.	PVC funnel (50mm Diameter)		
11.	Glass test tube (15x125 mm)		
12.	Test tube rack (30 whole)		
13.	Auto pipette (10 µl)		
14.	Auto pipette (50 µl)		
15.	Auto pipette (100 µl)		
16.	Auto pipette (250 µl)		
17.	Auto pipette (500 μl)		
18.	Auto pipette (1000 μl)		
19.	Auto pipette variable volume (1000 - 5000 μl)		
20.	Micro tips (200 µl)		
21.	Micro tips (1000 μl)		
22.	Micro tips (5000 μl)		
23.	Spatula		
24.	Teipod stand (for LPG gas burner with wire gage) (20 x 10 cm)		
25.	Centrifuge tube (15 ml )		
26.	Clean sol		
27.	Chromatography paper GR-I ( 460 x 570 mm)		
28.	Ethanol pure		
29.	Variable Autopipette 20-200 ul		
30.	Variable Autopipette 5-50 ul		
31.	Variable Autopipette 10-100 ul		
32.	Variable Autopipette 100-1000 ul		

Molecular biology grade chemicals

Triblecular blology grade chemicals		
Sl. No	Chemicals	
1.	ACES( N-[2-Acetamido]-2-aminoethane-sulfonic acid)	
2.	Agar powder	
3.	Triton X -100	
4.	Tween 20	
5.	Urea	
6.	DMSO	
7.	DEPACK	
8.	HEPES	
9.	MOPS	
10.	RNA from torula yeast	
11.	10 x PBS pH 7.4	
12.	Penicillin 1MU	

13.	Streptomycin 1 MU	
14.	Ficoll 400	
15.	MTT	
16.	D-(+)- Maltose monohydrate	
17.	Glycine	
18.	D-(+)- Galactose	
19.	Ethanol 100%	
20.	Tris, free base	
21.	SDS	
22.	Propidium iodide	
23.	Chloroform	
24.	Calcium chloride dihydrate	
25.	Carboxymethylcellulose sodium medium viscosity	
26.	Carbinol	
27.	Isoamyl alcohol	
28.	Lactose monohydrate	
29.	Lithium chloride	
30.	Magnesium chloride Anhydrous	
31.	Boric acid	
32.	Magnesium Sulfate	
33.	DL-DTT	
34.	20X SSC	
35.	6X Orange gel loading Buffer	
36.	2X Urea denaturing gel loading buffer	
37.	Luria Bertani broth ,	
	,	
38.	Nutrient agar	
39.	Luria Bertani agar,	
40.	SOC Growth medium	
41.	YEPD growth Medium	
42.	EDTA disodium dihydrate	
43.	MES monohydrate	
44.	Lysozyme	
45.	Sodium azide	
46.	Sodium dithionite	
47.	Sodium Chloride	
48.	Sodium phosphate dibasic dihydrate	
49.	Sodium phosphate monobasic	
50.	Sodium Acetate trihydrate	
51.	Guanidium thiocynate	
52.	Sodium Citrate	
53.	Sarcosyl	
54.	Phenol Crystal	
55.	Ammonium Acetate	
56.	Ammonium Chloride	
57.	1H - Tetrazole	
58.	X- Gal	
59.	Zinc Chloride	
60.	Zinc sulfate	
61.	Phenylmethanesulfonyl fluoride	
62.	Poly ethylene glycol MW 4000	
63.	Poly ethylene glycol MW 6000	
64.	IPTG	
65.	Gelatin type A	
	BSA	
66.		
67.	Nitroblue Tetrazolium	
68.	Nonidet p -40	
69.	RNAse A	
70.	Potassium phosphate dibasic dihydrate	
71.	Potassium phosphate monobasic	
	Potassium Acetate trihydrate	
72.	Proteinase k	
73.		

74.	CTAB	
75.	Cetrimide	
76.	Charcoal activated powder	
77.	DAPI dihydrochloride	
78.	Ponceau S stain	
79.	DNAse I	
80.	dNTP mix 10mM	
81.	RNAse inhibitor	
82.	Formamide liquid	
	Formaldehyde 37%	
83.		
84.	Polyvinyl pyrrolidone	
85.	DMEM powder	
86.	RPMI 1640 powder	
87.	Trypsin	
88.	Phenol red	
89.	D-(-)- Sorbitol	
90.	TRIzol	
91.	Orthophosphoric acid	
92.	Methylene blue trihydrate	
93.	Orcinol monohydratde	
94.	Mineral oil	
95.	PIPES	
96.	Ammonium phosphate dibasic	
97.	Ammonium phosphate monobasic	
98.	Ammonium thiocyanate	
99.	BES buffer	
100.	Bromothymol blue	
101.	Cesium chloride	
102.	CAPS	
103.	CHAPS	
104.	Carbinol	
105.	DEAE Cellulose -52	
106.	D-(+)- Glucose anhydrous	
107.	L – Glutathione reduced	
108.	DTE	
109.	Tetracycline hydrochloride	
110.	Ampicillin	
111.	DAB	
111.	Tris hydrochloride	
	Tween 80	
113.		
114.	Micro pH range paper pH 2.9-5.2, 5.3-9.1 ,9.2-10.6	
	HPLC	
115.	Trfluro acetic acid	
116.	Tert Butyl alcohol	
117.	Tert Butyl methyl ether	
118.	Caffiene anhydrous	
119.	DMF	
120.	Tri ethyl amine	
121.	Sodium octyl sulphate	
122.	Sodium formate	
	ACCESSORIES	
123.	Evamination gloves 100noins in each hav	
	Examination gloves 100pairs in each box	
124.	Surgical Gloves Size- 6.5,7 & 7.5	
125.	Kim wipes	
126.	pH capsule 9.2.	
127.	Surgical blades	
128.	Small wound clips	
129.	Microcentrifuge Tubes Rack, Green colour	
130.	-	
130.	DNA ladder 50bp	

131.	Cryogenic permanent marker	
132.	Micropipette tips with box	
133.	Barrier tips 10µl	
134.	Freeze Tag, White label -196 C	
135.	Prestained Protein ladder	
136.	minus 20° C Mini cooler	
137.	parafilm M 2"X25"	
138.	packr tube rack	
139.	Accupipette 0.5-2 μl T2	
140.	ICE TRAY 1 L	
141.	Freezing Boxes Cardboard	
142.	Steripettexl	
143.	Serogical pipette 25ml	
144.	Biohazardous waste container 20 lt	
145.	50 ml centrifuge tube	
146.	50 ml centrifuge tube rack	
147.	Drying rack 30 pegs	
148.	Pipette stack rack	
149.	15 ml centrifuge tube	
150.	Serogical pipette 10ml	
151.	Sterile culture plates 90x14 mm	
152.	Sterile culture plates 35x15 mm	
153.	Autoclavable biohazardous bags	
154.	Sharp container 5ltrs	
155.	1° C cooler	
156.	phlebotomy collector 1.5ltr	
157.	cryo cube box	
158.	1.5 ml centrifuge tube	
159.	combilock Rack	
160.	1.5 ml centrifuge tube amber	
161.	micropestle	
162.	Inoculation loop platinum	
163.	Disposable sterile inoculation loop	
164.	Disposable sterile spreader	
165.	Disposable sterile stick	
166.	Dithio-bis-2-nitrobenzoic acid	
167.	2-thiobarbitaric acid	
168.	Pyrogallol	
169.	Sorenson buffer	
170.	Giemsa solution	
		1

#### **Glass wares and Instrument accessories**

Sl. No	INSTRUMENTS
1.	Soxhlet complete apparatus with Allihn condenser, interchangeable joint ( size 250ml flask)
2.	Boiling Round bottom flask 50 ml
3.	Boiling Round bottom flask 100 ml
4.	Separatory funnel (pear shape ) with stopackock and interchangeable stopper 500ml capacity
5.	Autopipette electronic pump
6.	Graduated cylinder glass 100 ml
7.	Graduated cylinder glass 1000 ml
8.	Graduated cylinder plastic 100 ml
9.	Glass bottle (different colour caps) 500ml
10.	Amber Glass bottle (different colour caps ) 500ml
11.	Glass bottle (different colour caps) 1000ml
12.	Conical Flask 250 ml
13.	Conical Flask 500 ml
14.	Conical flask 100 ml
15.	Glass beaker 1000ml
16.	Silicon tubing for distillation
17.	Plastic adaptor 50ml and 15 ml for swing bucket centrifuge
18.	Heating mantle for soxhlet apparatus
19.	Mortar pestle 250 ml capacity
20.	Mortar pestle 500 ml capacity
21.	Glass ware cleaning brushes (big bristles)
22.	Petri plate (8 mm)
23.	IGE Kit
24.	IGE Calibrator
25.	

## **Department of Microbiology**

Consumable items:-

Consuma	Die items:-
23	Falcon tube stand
24	Injecta
25	Naphthalin Ball
26	Syringe needle (18 &22 no)
27	Odonil
28	Phenol
29	Pipettestand
30	Plain tube clot activator
31	Surgical blades
32	TARASAKI PLATE
33	Tissue paper
34	ASO Latex Kit
35	CRP Latex Kit
36	RA Latex Kit
37	ANA Latex Kit
38	Small Tips
39	Big Tips
40	Tissue Roll
41	MT 10 TU
42	MT 5 TU
43	H. Pylori Ab Rapid Test
44	H. Pylori Ag Rapid Test
45	HBeAg Rapid Test
46	HBeAb Rapid Test
47	Syphilis Card
48	Syphilis Strip

Glassware, wooden and plastics

0.1	Plastic made for amondouf tibes
01	Plastic rack for eppendorf tubes
02	Beaker (Borosil) -200 ml
03	Beaker (Borosil) -500 ml
04	Bijou bottle
05	Blood culture bottle adult
06	Blood culture bottle pediatric
07	Bulb 100W
08	Bulb holder
09	Casteneda bottle
10	Clock electronic
11	Condenser (fan)
12	Cotton tip applicator sticks
13	Cover sip -(22 mm× 40 mm)
14	Cover slip
15	Cover slip – Large
16	Cover slip -(22 mm × 22 mm)
17	Cover Slip- Small
18	Discarding jar
19	Dustbin for waste disposable -
20	Funnel (Medium size)
21	Glass bead (3 mm)
22	Glass funnel
23	Glass jar
24	Glass measuring cylinders ,Large

25	Class	
25	Glass measuring cylinders ,Small	
26	Glass microscope slides	
27	Glass rod	
28	Glass rods (Thick)	
29	Glass rods (Thin)	
30	Glass slides	
31	Glass slides	
32	Glass test tubes- (100 pcs per pack)	
33	Iron rack big	
34	Magnifying glass	
35	Measuring beaker ( upto 100, 500, 1000 ml)	
36	MicroFalcon tubes -15 ml	
37	Microscope bulb	
38	Microscopic slide	
39	Nichrome wire	
40	Oil Immersion	
41	Petri dish 125 mm	
42	Petri dish 99 mm	
43	Petri dish plates 15cm	
44	Petri dish plates 6cm,	
	Petri dish plates- 9cm Petridish (90 mm)	
46 47	Petridish (90 mm) Petridish (90mm)	
48	Petridish plates -15 cm	
49	Petridish plates -19 cm	
50	Plain applicator sticks	
51	Rack for Large tubes	
52	Rack for small tubes -	
53	Sharp disposable container	
54	Slide	
55	Slide	
56	Slide (Glass Slide)	
57	Slide draining rack -	
58	Slide holder	
59	Slide Holder/Stand	
60	Slide rack	
61	Slides	
62	Spindle	
63	Staining Jars	
64	Staining Jars - 6 pc	
65	Staining rack	
67	Test tube (12 x 100 mm)	
68	Test tube (12 x 100 mm)	
69	Test tube (15 x 125 mm)	
70	Test tube (15 x 125 mm)	
71	Test tube (Culture)	
72	Test tube small	
73	Test tubes (12 x 75 mm)	
74	Test tubes (12 x 75 mm)	
75	Tray for carrying samples	
78	Wooden applicator sticks	

### MDR-TB:-

Sr. No.	Consumable items	
01	Slide Holder/Stand	

02	Carbon Fuchsin (For exam)	
03	H2So4 (for exam)	
04	Potassium Permanganate (0.5%)	
05	Acid	
06	Phenol	
07	Oil Immersion	

Parasitology:-

1 at astrology.		
Sr. No.	Consumable items	
01	Pasteur pipettes with rubber teet	
02	Micro Falcon tubes -15 ml	
03	Non Nutrient agar	
04	Occult blood in stool rapid detection kit -card test	
05	Normal saline (0.85%)	
06	Lugol's iodine 60ml	
07	Wooden applicator sticks	
08	Cotton tip applicator sticks	
09	Plain applicator sticks	
10	Mayer's albumin	
11	Modified Trichrome stain	
12	Cellophane solution - (kato thick smear)	
13	Acid alcohol ( 3% HCL in ethanol)	
14	1% H2SO4	
15	Zinc sulphate	
16	Formaldehyde	
17	Ether	
18	Giemsa stain	
19	Field's stain	
20	Phosphate buffer	
21	SAF fixative	
22	Giemsa stain	
23	Carbolfuschin	
24	Malachite green	
25	Methylene blue	

Mycology:-

Myc	Mycology:-		
Sr. No.	Consumable items	Requirement	
1	DMSO LIQUID		
2	RPMI 1640 broth		
3	autopipette10-100ul, 1-10ul, 500ul		
4	Multichannel pipette variable		
5	Microtitre plate plane		
6	Membrane filter		
7	Teasing Needle with wooden handle- 4pc		
8	Inoculation wire loop – 2Pc		
9	Straight wire with handle – 2 Pc		
10	L- Shaped wire- 2Pc		
11	Bunsen burner (For Gas Connection) - 1Pc		
12	Dust bin for waste disposal - 3Pc		
13	Tripod stand- 1Pc		
14	Rack for Large tubes - 4Pc		
15	Slide draining rack- 2Pc		
16	Rack for Large tubes – 4Pc		
17	Slide draining rack – 2Pc		
18	Rack for small tubes- 10Pc		
19	Brown paper sheet (Thick)- 48Pc		
20	Thick cotton thread (White) – 2 Roll		
21	Blotting paper – 100 Pc		
22	Cellophane tape (3inch wide)- 2Pc		
23	Marcene cloth (White) – 2Pc		
24	Rubbertapped dropping bottle- 6 Pc		
25	Whatman filter paper –(No. 22) – 5 Packet		
26	Whatman filter paper (No. 1) – 5 Packet		
27	Barium Chloride powder – (Nice)		
28	5% Phenol		
29	Clear Nail Polish		
30	Nigrosine Stain (10%) w/v bimedia code 5025		
31	Calcofluor white stain – Sigma Co		
32	Giemsa stain code GRM128- 25G		
33	Gomori Methenamine Silver Stain		
34	Canada Balsam Natural – GRM321- 500G		
35	Lactophenol Cotton blue Stain, Plain- 1Pc		
36	Gram's Stain kit – Nice Co.		
37	Savoured Dextrose Agar, Modified granular		
38	Bird Seed Agar (Staib's Medium 5- 100Gm		
39	Capek Dox Agar (Modified) 500Gm		
40	Oat Meal Agar-		
41	Potato Dextrose Agar with Chloramphenicol		
42	Sunflower Seed Agar.		
43	Yeast Nitrogen Base		
44	Blood Agar Base		
45	DTM Agar Base, Granulated		
46	Amphotericin B 100units		
47	Amphotericin B 50 mcg		
48	Clotrimazole 10mcg		
49	Fluconazole 10mcg		
50	Itraconazole 10mcg		
51	Itraconazole Tonicg  Itraconazole 30mcg		
52	Ketoconazole 10mcg		
34	retoconazore romeg		

53	Ketoconazole 30mcg	
54	Ketoconazole 50mcg	
55	Miconazole 30mcg	
56	Miconazole 50mcg	
57	Nystatin 10units	
58	Nystatin 50 mcg	
59	Amphotericin B 50 mcg	
60	Amphotericin B	
61	capsofungin	
62	posaconazole	
63	voriconazole	
64	anidulafungin	
65	mikafungin	
66	Pure Drug powder of Amphotericin B, anidulafungincapsofungin,ciclopirox, Fluconazole Flucytosine, griseofulvin, Itraconazole Ketoconazole, micafungin, Posaconazole, ravuconazole, terbinafine, voriconazole	
67	Corn meal agar	
68	India ink	

Immunology:-

Sr No.	Consumable items
1	R.A (turbilatex)
2	C.R.P(turbilatex)
3	A.S.O.(turbilatex)
4	WIDAL
5	VDRL(RPR)
6	Syphilis Card
7	Syphilis Strip
8	MT 05 TU
9	Dengue
10	MT 10 TU
11	ANA
12	ADA
13	Scrub Typhus
14	Malaria Antigen
15	Pregnancy Test
16	Typhi dot
17	R k 39
18	Leptospira
19	Filarial IgG, IgM
20	MT Syringe(Insulin syringe)
21	RT tube 9(disposable)
22	Dreyerstude
23	Felix tube
24	Giardia lamblia antigen detection kit
25	Helicobactor pylori antigen detection kit

Virology:-

Sr No.	Consumable items
1	HBsAg ELISA
2	Anti HCV ELISA
3	HIV ELISA
4	Sodium Hypocholoride
5	Anti HBC IgM
6	Dengue
7	Chikungunya elisa
8	HBeAg Elisa
9	HBC Ig M
10	HSV IgM
11	HSV IgG
12	CMV IgM
12	CMV IgG
14	TOXO IgM
15	TOXO IgG
16	HbsAg(RAPID)
14	Anti HCV (RAPID)
18.	HIV (RAPID)
19	Brucella IgM

TRANSPLANT IMMUNOLOGY:-

Sr No.	Consumable items	
1	GAL PLATES GALILEO 100IEA	
2	CAP R RS(3) 5	
3	REFENCE CELL	
4	INDICATOR CELL caprroyind cell barc	
5	ANTI A MONO SER- 1	
6	ANTI B MONO SER- 3	
7	ANTI D MONO SER- 5	
8	NOVOCLONAL CONTROL	
9	MONOCLONAL CONTROL	
10	CAP LISS 57 (6X57 ML)	
11	GALILEO DILUENT	
12	PHOSPHATE BUFFER	
13	ANTI LITTLE C MONOCLONAL	
14	ANTI C MONO	
15	ANTI E MONO	
16	ANTI LITTLE E MONO	
17	ANTI K MONO	
18	STIR BALL	
19	EDTA TUBE	
20	SODIUM CHLORIDE	
21	DSA KIT	
22	SODIUM HEPARIN TUBE	
23	RPMI MEDIA	
24	PHOSPHATE BUFFER SALINE	
25	LYMPHOPREP	
26	COMPLIMENT (CLASS	
27	COMPLIMENT (CLASS	

20	THE CAPTURE CONTEND OF (CD C)	
28	NEGATIVE CONTROL (CDC)	
29	POSITIVE CONTROL (CDC)	
30	MINERAL OIL	
31	NORMAL SALINE	
32	FLOROQUENCH DYE	
33	EOSINE DYE	
34	FORMALINE	
35	SSO KIT	
36	PRA KIT	
37	FLOW KIT	
38	FLUID SHEETH (FLOW + LUMINEX)	
39	FLOW TUBE	
40	PIPETTE	
41	MICROTIP (10 μ)	
42	MICROTIP (200 μ)	
43	MICROTIP (1000 μ)	
44	CENTRIFUGE TUBE (1.5 ML)	
45	PCR TUBE	
46	FALCON TUBE (15 ML)	
47	FALCON TUBE (50 ML)	
48	BORIC ACID	
49	PCR REACTION TUBE PLATE	
50	FILTER PLATE (DSA)	
51	TARASAKI PLATE	
52	FALCON TUBE STAND	
53	PIPETTE STAND	
54	NaOH	
55	HCl	
56	SODIUM BICARBONATE	
57	SODIUM PHOSPHATE 300 GM DIBASIC DEHYDRATE	
58	ALBUMIN (BSA)	
59	POTASSIUM CHLORIDE	
60	POTASSIUM PHOSPHATE MONOBASIC	
61	SODIUM AZIDE	
62	ALUMINIUM FOIL	
63	FILTER (0.2 MICRON+0.4 MICRON)	
64	EDTA	
65	ETBR	
66	AGAROSE POWDER	
67	ETHANOL	
68	SPATULA	
69	A4 SIZE PAPER	<del>                                      </del>
70	GLASS BEADS	
71	IgG (FLOW)	
72	NEGATIVE CONTROL (FLOW)	
73	POSITIVE CONTROL (FLOW)	
74	WASTE CONTAINER STAND (CDC)	
75	TRIS BASE	
76		
/0	ACETIC ACID	

### Molecular lab:-

Sr No.	Consumable items	
1	CENTRIFUGE TUBE (1.5 ML)	
2	ETHANOL (DILUENT FOR DNA EXTRACTION)	
3	PCR TUBE	
4	MICROTIP (100-1000 μL)	
5	MICROTIP $(2-20 \mu L)$	
6	MICROTIP (20 – 200 μL)	
7	K₃ EDTA NON VACUUM BLOOD COLLECTION	
	TUBE	
8	QIAmp DNA BLOOD MINI KIT (250)	
9	QIAmp VIRAL RNA MINI KIT (50)	
10	Plastic rack for eppendorf	
11	Multi channel pipette tubes of different capacities	

# **Bacteriology:-**

	Media:-	
Sl.no	Name	
1.	Brain/ heart infusion broth	
2.	Blood culture bottle (Adult) FA- Biomerieux	
3.	Blood culture bottle (Adult) FN- Biomerieux	
4.	Blood culture bottle (Pediatric) - Biomerieux	
5.	Sulphide indole motility	
6.	Simmons citrate medium	
7.	Urease medium	
8.	Urea solution 40%	
9.	Triple sugar iron medium	
10.	Muller Hinton Agar	
11.	Selenite broth	
12.	Robertson cooked meat medium	
13.	TCBS media	
14.	Nutrient agar	
15.	Mac Conkey agar	
16.	CLED agar	
17.	Thioglycolate broth	
18.	Yeast nitrogen with glucose agar	
19.	XLD medium	
20.	Chrom agar for candida	
21.	Potato dextrose agar	
22.	MR-VP Broth	
23.	Chlamydospore agar	
24.	Deoxycholate citrate	
25.	ESBL Screening agar	
26.	DNAse test agar base	
27.	Gelatin agar	
28.	O/F basal medium	
29.	Buffered glucose broth (MR/VP) media	
30.	Mannitol salt agar	
31.	SDA (Sabouraud Dextrose agar)	
32.	SDA with antibiotics (Cyclophosphomide, chloramphenicol, gentamycin)	
33.	Nutrient broth	

34.	Peptone water	
35.	Corn meal agar	
36.	Bacteroid bile esculin agar	
37.	Anaerobic blood agar base (neomycin supplements)	
38.	Blood agar base	
39.	Agar	

Sl. No.	Items	
1.	Salmonella "O" factor 2 Group- A Antisera	
2.	Salmonella "O" factor 4 Group- B Antisera	
3.	Salmonella "O" factor 5 Group- B Antisera	
4.	Salmonella "O" factor 9 Group- D Antisera	
5.	Salmonella V Antisera	
6.	Salmonella H (D, E, G, K)	
7.	Salmonella H (a) Antisera	
8.	Salmonella H (b) Antisera	
9.	Salmonella H (c) Antisera	
10.	Salmonella H (d) Antisera	
11.	Salmonella H L Polyvalent Antisera	
12.	Salmonella Polyvalent Antisera	
13.	Shigelladysenterage polyvalent Antisera	
14.	Vibrio Cholera Inaba Antisera	
15.	Vibrio Cholera Ogawa Antisera	
16.	Esch coli polyvalent 2 (Type 026, 055, 0111)	
17.	Mc Farland equivalent turbidity standard 0.5	
	(Readymade BaSO4 solution)	
18.	Haemophilus influenza (b)- Antigen testing kit	
19.	Streptococcus pneumoneae antigen kit	
20.	Neisseria meningitidis (A C Y W 135) antigen kit	
21.	Kovacs reagent	
22.	Oxidase test reagent	
23.	Gas pak sachet	
24.	Vitamin K1 10 ugm/ml	
25.	Heamin 5 ugm/ml	
26.	Hydrogen peroxide	
27.	Spirit	
28.	Lactophenol cotton blue stain	
29.	Conc H2SO4	
30.	Sodium bicarbonate	
31.	ConcHCl	
32.	Crystal violet	
33.	Safranine	
34.	Grams Iodine	
35.	Acetone	
36.	Anaerobic strips	
37.	pH paper	
38.	Paraffin oil	
39.	Formaldehyde	
40.	Hi media chemical analysis kit	
41.	Dettol	
42.	Savlon	
43.	Para dimethyl amino benzaldehyde	
44.	Isoamylacohol	
45.	Sodium hypochlorite	

46.	Auramine O Rhodamine dye	
47.	Albert stain (A & B)	
48.	Ethyl alcohol	
49.	NNNN- Tetramethylphenylene diamine	
	dihydrochloride)	
50.	Haemospot kit	

Sl. No.	Items
1.	Ampicillin (30 ug)
2.	Cefazolin (30 ug)
3.	Cefoxitin (30 ug)
4.	Ceftriaxone (30 ug)
5.	Cefotaxime (30 ug)
6.	Ceftazidime (30 ug)
7.	Ciprofloxacin (5ug)
8.	Levofloxacin (5 ug)
9.	Gentamicin (10 ug)
10.	Amikacin (30 ug)
11.	Erythromycin (15 ug)
12.	Linezolid (30 ug)
13.	Vancomycin (30 ug)
14.	Oxacillin (1 ug)
15.	Penicillin 10 units
16.	Co-trimoxazole (25 ug)
17.	Nitrofurantoin (300 ug)
18.	Nalidixic acid (30 ug)
19.	Chloramphenicol (30 ug)
20.	Ceftazidime + Clavulanuc acid
21.	Imipenem (10 ug)
22.	Meropenem (10ug)
23.	Piperacillin + Tazobactam (100/10 ug)
24.	Optochin
25.	Novobiocin(5ug)
26.	Bacitracin(10ug)
27.	X Factor
28.	V Factor
29.	Streptomycin(210ug)
30.	Tetracycline(30ug)
31.	Cefotaxime+Clavulanicacidm(30/10ug)
32.	Amoxicillin+ Clavulanic acid(20/10ug)
33.	Clavulanic acid
34.	Norfloxacin (10ug)
35.	Ofloxacin (5ug)
36.	Piperacillin
37.	Carbenicillin
38.	Tobramycin(30ug)
39.	Amoxycillin(10ug)
40.	Cephalothin(20ug)
41.	Cefadroxil(30ug)
42.	Colistin(10ug)
43.	Cefixime(10ug)

E- test strips of :			
S1.	Items	Requirement	
No.			
1.	Vancomycin	20 pack (1 pack with 10 strips; with long expiry)	
2.	Teicoplanin	20 pack (1 pack with 10 strips; with long expiry)	
3.	Linezolid	20 pack (1 pack with 10 strips; with long expiry)	
4.	Colistin	20 pack (1 pack with 10 strips; with long expiry)	
5.	Polymyxin- B	20 pack (1 pack with 10 strips; with long expiry)	
6.	Imipenem	20 pack (1 pack with 10 strips; with long expiry)	
7.	Meropenem	20 pack (1 pack with 10 strips; with long expiry)	

# Academic and research purpose Requirement for Post Graduate lab

Sl. No.	Items	
1.	Nutrient agar (M001A- 500G)	
2.	Blood agar base (M073 – 500 G)	
3.	CLED (M792 – 500 G) (Cysteine lactose	
	electrolyte deficient)	
4.	Mac conkey agar (M082 – 500 G)	
5.	Mueller hinton agar (M173 – 500G)	
6.	TCBS agar (M870 – 500 G) Thiosulfate-	
	citrate -bile salt-sucrose agar	
7.	Mannitol salt agar (MH 118- 500 G)	
8.	Deoxycholate citrate agar (M065 – 500	
	(G)	
9.	XLD (M336 – 500 G)Xylose Lysine	
	deoxycholate agar	
10.	SDA (M063 – 500 G) Sabouraud	
	dextrose agar	
11.	SDA with antibiotics	
	(Cyclophosphamide, chloramphenicol,	
	gentamicin)	
12.	Nutrient broth (M002 – 500G)	
13.	Peptone water (M0285 – 500G)	
14.	Selenite F broth (M052 – 500G)	
15.	Brain Heart infusion broth (M210- 500G)	
16.	Corn meal agar (M731 – 500 G)	
17.	Urease agar (M112S100G)	
18.	Urea solution (FD 253- 5VL)	
19.	Triple sugar iron (M021- 500 G)	
20.	Simmons citrate (M099 – 500G)	
21.	Sulphide Indole Motility (M181 – 500 G)	
22.	DNAse test agar base (M482 – 100G)	
23.	Gelatin agar (M920- 500 G)	
24.	OF basal medium (M395- 500G)	
25.	Buffered glucose broth (MR/VP media)	

Sl. No.	Items	
1.	Gram stain kit	
2.	Oxidase disc	
3.	Kovac's reagent	
4.	Lactophenol cotton blue	
5.	Methylene blue	
6.	Lugol's iodine	
7.	India ink	
8.	Formalin	
9.	Phenol solution (1% carbolic acid solution)	
10.	Sodium hypochlorite	
11.	Andrades indicator	
12.	Gaspack sachet (LE002A)	
13.	Pallidiumises alumina	
14.	Methylene blue indicator strip	
15.	Conc. HCl	

16.	Conc. NaOH	
17.	H2O2 (3%)	
18.	Indicator pH paper (LA310 – 1pk)	
19.	Glucose	
20.	Lactose	
21.	Sucrose	
22.	Maltose	
23.	Mannitol	
24.	Xylose	
25.	Trihallose	
26.	Rhamnose	
27.	Hippurate	
28.	Bile esculin	
29.	Lysine	
30.	Arginine	
31.	Ornithine	
32.	Ferric chloride (10%)	
33.	Methyl red	
34.	α- naphthol (5%)	
35.	Dimethyl α- naphthylamine	
36.	Ninhydrin	
37.	KOH pellets (500 g)	
38.	Phenylalanine (PPA)	
39.	Potassium nitrate	
40.	Sulphanilic acid	
41.	α- naphthylamine	
42.	Liquid paraffin	
43.	Carbolfuschin	
44.	Methylene blue	
45.	H2SO4 (Conc)	
46.	Phenol	
47.	Sputum container	
48.	Falcon tube (50 ml)	
49.	Slide	

Sl. No.	<u>Items</u>	
1.	Ampicillin (30 ug)	
2.	Cefazolin (30 ug)	
3.	Cefoxitin (30 ug)	
4.	Ceftriaxone (30 ug) Nil	
5.	Cefotaxime (30 ug)	
6.	Ceftazidime (30 ug)	
7.	Ciprofloxacin (5 ug)	
8.	Levofloxacin (5 ug)	
9.	Gentamicin (10 ug)	
10.	Amikacin (30 ug)	
11.	Erythromycin (15 ug)	
12.	Linezolid (30 ug)	
13.	Vancomycin (30 ug)	
14.	Oxacillin (1ug)	
15.	Penicillin (10 units)	
16.	Co-trimoxazole (25 ug)	
17.	Nitrofurantoin (300 ug)	

18.	Nalidixic acid (30 ug)
19.	Chloramphenicol (30 ug)
20.	Ceftazidime +Clavulanic acid
21.	Imipenem (10 ug)
22.	Meropenem (10 ug)
23.	Piperacillin + Tazobactam (100/10ug)
24.	Optochin
25.	Novobiocin (5 ug)
26.	Bacitracin (10 ug)
27.	X factor
28.	V factor

# i) Requirement for MBBS practical lab

Sl. No.	Items	
1.	Nutrient agar	
2.	Blood agar base	
3.	CLED (Cysteine lactose electrolyte deficient)	
4.	Mac Conkey agar	
5.	Mueller Hinton agar	
6.	TCBS (Thiosulfate citrate bile salt sucrose agar)	
7.	Deoxycholate citrate agar	
8.	XLD (Xylose Lysine Deoxycholate agar)	
9.	SDA (Sabouraud dextrose agar)	
10.	SDA with antibiotics (Cyclophosphamide,	
	chloramphenicol, gentamycin)	
11.	Peptone water	
12.	Selenite F Broth	
13.	Urease agar	
14.	Urea solution	
15.	Triple sugar iron	
16.	Simmon citrate	
17.	Buffered glucose broth (MR/VP media)	
18.	Lowenstein Jensen media	
19.	Loffler serum slope	
20.	Robertson cooked meat media	
21.	Niger seed/Sun flower	

Sl.	Items
No.	
1.	Gram stain kit
2.	Oxidase disc
3.	Kovac's reagent
4.	Lactophenol cotton blue
5.	Lugol's iodine
6.	India ink

7.	Formalin
8.	Phenol solution (1% carbolic acid
	solution)
9.	Sodium hypochlorite
10.	Andrades indicator
11.	Conc. HCl
12.	Conc. NaOH
13.	H2O2 (3%)
14.	Indicator pH
15.	Glucose
16.	Lactose
17.	Sucrose
18.	Maltose
19.	Mannitol
20.	Methyl red
21.	α- naphthol (5%)
22.	Dimethyl α- naphthylamine
23.	Potassium nitrate
24.	Sulphalinic acid
25.	1 0
26.	Liquid paraffin
27.	ONPG disc
28.	Novobiocin (5 ug)
29.	Bacitracin (10 ug)

# **Department of Pathology Histopathology+ Cytopathology**

**Reagents and chemical** 

SL. No	Name of Equipments/ Consumables (Consumables to be mentioned for use during said financial year)
1	Formalin 5L
2	Acetone 2.5 L
3	Isopropyl alcohol
4	Xylene
5	Paraffin wax
6	DPX mountant
7	
8	Harris Haematoxylin Ehrlich's Haematoxylin
	·
9	Eosin powder  Mathematical
10	Methanol
11	Glycerol
12	Giemsa Powder
13	EA-36 125ml
14	OG 6 125ml
15	Spirits
16	Distilled water
17	Sudan Black III stain kit
18	Oil Red O stain kit
19	PAS stain kit 500ml
20	Cyto Fiter Card (100pcs)
21	Microscope Halogen Bulb 20w.6v
22	Fouchet reagent
23	Sodium acetate
24	Sulphur powder
25	Chloroform
26	Hydrochloric acid 500ml
27	Glacial acetic acid 2L
28	Mercuric oxide red 100g
29	Barium chloride 500 g
30	TCA solution
31	Ammonium sulphate 500g
32	Sulphosalicylic acid
33	Sodium nitropruside
34	Electric saw for cutting bone
35	Cuvette material(Quartz) for colorimeter estimation
36	TISSUE CAPSULE (small)
37	TISSUE CAPSULES (large)
38	Sputum cup plastic with lid
39	Aluminium Potassium sulphate
40	HCL 2.5L
41	Harris Haematoxylin powder

42	2.2 – Di (4-tert-octylphenyl)-1 picrylhydrazyl, free radical	
	(100 mg)	
43	2,4,6- Tris (2-pyridyl)-S-triazine (TPTZ), 5gm	
44	Ferrous sulfate heptahydrate (FeSO4.7H20), 500gm	
45	Sodium Acetate 500gm	
46	Hydrogen peroxide 30% 500 ml	
47	Sodium phosphate dibasic heptahydrate (Na2HPO4-7H20)	
48	Sodium hydroxide (Naoh) Pellets, 500gm	
49	Thiobarbituric acid	
50	Sodim dihydrogen orthophosphate	
51	Disodium Hydrogen orthophosphate	
52	Tissue embedding cassette	
53	Embedding Ring	

**Clinical Pathology** 

SL.	Name of Equipments/ Consumables (Consumables to	Qty.
No	be mentioned for use during said financial year)	
1	Multistrips (10 parameters)	
2	Combistrips (4 parameters)	
3	Urostics ( 2 parameters)	
4	Ether	
5	Liquor Ammonia	
6	Benzidine powder	
7	Glass slides	

**List of Chemicals for special stains** 

SL.	Name of Equipments/ Consumables (Consumables to	
No	be mentioned for use during said financial year)	
1	Activated charcoal—500 gm	
2	Aluminium chloride –500 gm	
3	Barium chloride –500 gm	
4	Benzoic acid –500 gm	
5	Carmine –25gm	
6	Citric acid—500 gm	
7	Copper sulphate –500gm	
8	Dextrose monohydrate sulpahte –500 gm	
9	Gelatine pure –500 gm	
10	Hydroxyquinone –500 gm	
11	Light green—25 gm	
12	Molybdic acid –100 gm	
13	Oxalic acid 34ehydrate—500gm	
14	Potassium acetate—500 gm	
15	Potassium alum—500 gm	
16	Potassium iodide pure –250 gm	
17	Potassium permanganate pure—500 gm	
18	Silver nitrate—25 gm	
19	Sodium acetate trihydrate—500 gm	
20	Sodium thiosulphate –500 gm	
21	Sodium carbonate pure—500 gm	

22	Trichloroacetic acid –500 gm
23	Biebrich Scarlet Red color—10 gm
24	Corbol fuschin—10 gm
25	Potassium metabisulphate—500 gm
26	Toludine blue—5 gm
27	Acid Fuschin—25 gm
28	Alcian blue—5 gm
29	Methylene blue—125 ml
30	Periodic acid—100 gm
31	Borax—100 gm
32	Ferric chloride—500 gm
33	Gold Chloride—1gm, 50%
34	Gram's Iodine—5gm
35	Iron alum—5gm
36	Methyl violet—25 gm
37	Methyl green—25 gm
38	Luxol Fast blue—5gm
39	Metanil yellow
40	Paradimethylamino Benzaldehyde—100 gm
41	Phosphomolybdic acid—25 gms
42	Potassium Ferrocyanide –500 gm
43	Pyronin—Y—5gm
44	Rubeanic acid—5gm
45	Strong Basic Fuschin –25gm
46	Thymol crystals –100 gm
47	Trisodium citrate—500 gm
48	Weigert's Iron Hemotoxylin –25gm
49	Aniline blue—100 gm
50	Formic acid—500 ml
51	Hematoxylin –125 ml
52	Hexamine—500 gm
53	Phenol Crystal GP—500gm
54	Phospotungastic acid—500gm
55	Potassium—500gm
56	Congo Red—25 gm
57	Sodim Chloride
58	TRIS Base

# List of Immunohistochemical markers for strengthening.

SL.	Name of Equipments/ Consumables (Consumables to
No	be mentioned for use during said financial year)
1	CD31
2	ALK Protein
3	CD2
4	CD34
5	CD61
6	CD68
7	CD99

8	CEA
9	CA125
10	Chromogranin
11	Calponin
12	Calretenin
13	CyclinD1
14	CK CK
15	CK7
16	CK8
17	CK19
18	CK20
19	Desmin
20	ER
21	EMA
22	E-Cadherin E-Cadherin
23	GFAP
24	Her2 Neu
25	HMB 45
26	KI67
27	Kappa
28	LCA
29	Lamda
30	Myoglobin
31	Melan A
32	Myleoperoxidase
33	NSE
34	PR
35	P53
36	PanCK
37	PSA
38	S100
39	SMA
40	tdT
41	Vimentin
42	PLAP
43	P63
44	BCL2
45	CD56
46	CD4
47	P63 Monoclonal Antibody
48	Cytokeratin High MW
49	Synaptophysin
50	CD38
51	CD138
52	CD23
53	CD117
54	CD1a
55	CD19
56	Tween 20( washing solution)
57	Secondary antibody

59         calretinin           60         P120 Catenin           61         CXCR 5           62         PD 1           63         I COS           64         CALCITONIN           65         MSH 6           66         MSH 2           67         PSM 2           68         NLH 1           69         OCT 2           70         BOB 1           71         CD 7           72         CD 8           73         CD 21           74         BCL - 6           75         HBME 1           76         SALL 4           77         OCT 3           78         SOX 2           79         D2 40           80         GLYPICAN 3           81         BHG           82         ERG           83         Myogenin           84         CDK 4           85         MDM 2           86         TLE 1           87         TFE           88         SOX 10           89         INI 1           90         CK 5/6           91	58	DAB	
60 P120 Catenin 61 CXCR 5 62 PD 1 63 I COS 64 CALCITONIN 65 MSH 6 66 MSH 2 67 PSM 2 68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 94 SMMH 95 BUE P4 96 NAPSIN 97 GATA 3			
61 CXCR 5 62 PD 1 63 I COS 64 CALCITONIN 65 MSH 6 66 MSH 2 67 PSM 2 68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 IN 1 90 CK 5/6 91 P40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
62 PD 1 63 ICOS 64 CALCITONIN 65 MSH 6 66 MSH 2 67 PSM 2 68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 IN 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
63 I COS 64 CALCITONIN 65 MSH 6 66 MSH 2 67 PSM 2 68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
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65 MSH 6 66 MSH 2 67 PSM 2 68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
66 MSH 2 67 PSM 2 68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
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68 NLH 1 69 OCT 2 70 BOB 1 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
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70 BOB I 71 CD 7 72 CD 8 73 CD 21 74 BCL - 6 75 HBME I 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE I 87 TFE 88 SOX 10 89 INI I 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
71			
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73			
74 BCL - 6 75 HBME 1 76 SALL 4 77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
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76       SALL 4         77       OCT 3         78       SOX 2         79       D2 40         80       GLYPICAN 3         81       BHG         82       ERG         83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
77 OCT 3 78 SOX 2 79 D2 40 80 GLYPICAN 3 81 BHG 82 ERG 83 Myogenin 84 CDK 4 85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
78       SOX 2         79       D2 40         80       GLYPICAN 3         81       BHG         82       ERG         83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
79       D2 40         80       GLYPICAN 3         81       BHG         82       ERG         83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
80       GLYPICAN 3         81       BHG         82       ERG         83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
81       BHG         82       ERG         83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
82       ERG         83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
83       Myogenin         84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
84       CDK 4         85       MDM 2         86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
85 MDM 2 86 TLE 1 87 TFE 88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
86       TLE 1         87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
87       TFE         88       SOX 10         89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
88 SOX 10 89 INI 1 90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
89       INI 1         90       CK 5/6         91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
90 CK 5/6 91 P 40 92 Phophohistone 93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
91       P 40         92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
92       Phophohistone         93       MUC 4         94       SMMH         95       Bu EP 4         96       NAPSIN         97       GATA 3			
93 MUC 4 94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
94 SMMH 95 Bu EP 4 96 NAPSIN 97 GATA 3			
95 Bu EP 4 96 NAPSIN 97 GATA 3			
96 NAPSIN 97 GATA 3			
97 GATA 3			
I OO   DAVO			
	98	PAX 8	
99 CA IX			
100 MOC 31			
101 MUM 1			
102 NKX 3.1			
103 SF 1			
104 AFP			
105 Heppar	105		
106 SAT B2	106	SAT B2	

107	GAIECTIN 3	
108	SOX 17	
109	NKX 2.2	
110	BRACHYURY	
111	HHF 35	
112	P 16	
113	TTF 1	
114	CD X2	
115	EGFR	
116	INHIBIN	
117	URO plakin	
117	PDL 1	
119	IDH 1	
120	H – Caldesmon	
121	B – Catenin ATRX	
123	CD 45	
123		
124	Sybaptophysin HER 2 neu	
125	Ki 67	
127 128	ER PR	
128	Secondary Antibody Kit (Poly HRP IHC kit) 50ml	
130	Silver Nitrate	
131	Anti CD 138	
131	Anti CD 138 Anti Melanoma	
133	Anti GFAP	
134	Anti Grar Anti Cytokeratin Cocktail	
135	Anti CD 68	
136	Anti CD 08 Anti CD 38	
137	Anti CD 38 Anti CD 31	
138	Anti Lambda light chain	
139	Anti Calretinin	
140	Anti Calponin	
141	Anti CD 15	
142	Anti CD 13 Anti Cytokeratin 20	
143	SSTR 2a	
144	STST 6	
145	CD 23	
146	P 15	
147	OLIG 2	
148	MUMI	
149	Pap Pen	
150	Myoi DI	
151	FLi -1	
152	WT 1	
153	CKLMW	
154	DOG-1	
155	Cryogel	
133	01/0601	

156	Cryostat Blade	
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# **List of Miscellaneous**

ΩŦ	Name of Euripe and a Community Community of the		
SL. No	Name of Equipments/ Consumables (Consumables to be mentioned for use during said financial year)	Qty.	
1	Test tube rack(36 holes) Aluminium		
2	Multichannel (8)pipette (2-200ul)		
3	Multichannel (8)pipette (20-550ul)		
4	Electric wax bath		
5	Wooden slide box (100)		
6 7.	Steel staining rack (25 or 50 slides)	_	
<u>8</u>	Staining trough(for bulk staining) Steel rack (to hold 50 slides)		
9	Wooden rack (to hold 50 slides)		
10	Slide tray aluminium		
11	Enamel tray (12"x6")		
12	Enamel container (2.5/5L)		
13	Spirit Lamp		
14	Bunsen Burner		
15	Tripod stand		
16	Test tube cleaning brush		
17	Wash bottle with spout polythene (500ml)		
18	Slide washing powder		
19	Powder for microtome knife sharpening		
20	Stop wach		
21	Electrical Digital timer		
22	Plastic cup(1ml) to hold westergren pipette		
23	Plastic tray (big size)		
24	Tissue paper roll (11cm width)		
25	Projection bulb for microscope		
26	Ceder wood oil		
27	Camel hair brush, size no 6		
28	High profile blade for automated microtome		
29	Disposible syringe (2ml)		
	Disposible syringe (3ml)		
	Disposible syringe (5ml)		
	Disposible syringe (10ml)		
	Disposible syringe (20ml)		
20	Disposible syringe (50ml)		
30	L-mould, brass(4.5x2.5x0.5cm) big size		
31	PH tablets		
32	Coplin jar		
33	Rectangular staining jar		
34	Cuvette material(Quartz) for colorimeter estimation		
35	Balance to measure gross specimen(upto 500g)		
36	TISSUE CAPSULE (small)		
37	TISSUE CAPSULES (large)		
38	Sputum cup plastic with lid		
39	Lint Cloth		

40	Balance, chemicals with weights
41	Balance for weighing organs with weights
42	Cell counters nine keys (for DLC)
43	Laboratory stirrer
44	Drill for boring glass
45.	pH meter electric
46.	Water still electric
47.	Staning racks
48	Slide Tray
49	Test Tube (5ml, 10ml, 15ml, 20ml)
50	Test Tube holder
51	Staning Jar
52	Slide Tray
53	Slide stand
54	Tissue Paper
55	Whatman's Filter bpapers
56	Filter paper
57	Microtome disposable blades

# **Department of Hematology**

List of chemicals used for Hematological Stains.

S.NO	Item	
1	Leishman's Powder (Nice)	
2	Acetone Free Methanol(Nice)	
3	Giemsa Stain(Nice)	

	Chemicals used for Special Stain.	-
S.NO	Item	
1	3,3'-Diaminobenzidine	
2	$KH_2PO_4$ (Buffer)	
3	Na <sub>2</sub> HPO <sub>4</sub> (Buffer)	
4	Acetone	
5	Formaline	
6	Distilled Water	
7	$H_2O_2$	
8	PAS Stain Kit	
9	Sodium Metapisulphite	
10	Hydrochloric Acid	
11	Activated Charcol	
12	Periodic Acid	
13	Reticulocyte Stain	
14	Field Stain	
15	Reagents for Perl's stain	
	Potassium ferrocyanide	
	Hcl	
	Neutral red	
	Methanol	
16	Reagents for Reticulin stain	
	Potassium permagnate solution(1%)	
	Gold chloride solution (0.1%)	
	Sodium metabisulphite solution (5%)	
	Nuclear fast red	
	Sodium hydroxide solution (3%)	
	Potassium metabisulphite solution (3%)	
	Ferric ammonium sulphate solution	
	(3%)	
	Silver nitrate solution (10%)	
17	Reagents for MPO	
	-NaH2PO4 -KH2Po4	
	-Kri2F04 -Formalin	
	-Acetone	
	-DAB	
	-Tris HCl buffer ( Tris Hcl and trizma	
	base)	
	-3%H202	
18	Reagents for Masson Trichrome	
	-Hematoxylin A	
	-Hematoxylin B	
	-1% Ponceau	
	-1% Phosphomolybdic acid	
	-2.5% Aniline blue	
19	Reagents used for tissue	
	processing	
	Wax(Merk)	
	L mould	

Forceps(long)		
Alcohol(Himedia)-ethyl alcohol		
Xylene(Himedia)		
Hematoxylin(Himedia)		
Eosin(Himedia)		
Acetic acid		
Hot plate		
Staining jar		
Staining rack		
Cassettes		
Steel container		
Steel mug		
Coverslip		
Glacial acetic acid		
Ammonia solution		
Hydrochloride acid		
Diamond pen		
<b>Embedding mould</b>		
Embedding ring		
CD marker		
DPX		
Glass bottles	1.0 .1 **	

List of Chemicals used for other Hematological Process.

S.NO	Item	Unit	
1	Capillary tube		
2	Filter paper		
3	Spirit		
4	Pricker(For BT,CT)		
5	Microscopic Slide		
6	Paraffin oil		
7	Cotton		
8	Tissue Paper		
9	Microtips(Small)		
10	Microtips(Large)		
11	WBC Diluting Fluid		
12	RBC Diluting Fluid		
13	A4 Size Paper		
14	Stapler Pin		
15	Normal Saline		
16	Sodium Hypochloride		

**Department of Blood Bank** 

Sl	ITEM	
1.	Tube Rack ( Plastic )	
2.	Discarding Jar	
3.	Glass slide	
4.	EDTA tube	

# KIT

Sl	ITEM	
1	MP ( Rapid )	
2	HIV (Rapid)	
3	HBsAg (Rapid)	
4	RPR (Rapid )	

# **GROUPING**

	0110 01110		
Sl	ITEM		
1.	ANTI "A"		
2.	ANTI "B"		
3.	ANTI "D"		
4.	AHG		
5.	AH - ( ANTI HUMAN SERUM)		

Director, IGIMS, Patna

## **COMPLIANCE STATEMENT**

# INDIRA GANDHI INSTITUTE FOF MEDICAL SCIENCES, SHEIKHPURA, PATNA (BIHAR)

#### **Ref:- Tender Notice No.:**

S. NO.	Check list of documents/ Undertakings?	YES/NO (Mention page no. of Technical Bid, where supporting documents are attached.)	Remarks (Give explanation if answer is No)
1	Is Tender fees attached?		
2	Is EMD attached? (if applicable)		
3	Is the bidder original equipment Manufacturer (OEM) / authorized dealer?		
4	If authorized dealer, recent dated Certificate to this effect from OEM, attached or not?		
5	Validity of 180 days or not?		
6	Undertaking from bidder regarding acceptance of tender terms & conditions		
7	Attach GST Certificate		
8	Attach PAN Card		
9	Attach Income Tax Return of bidder for the last three successive years		
10	Attach Affidavit to the effect that the Company / firm has not been blacklisted / de-registered / de-barred by any Govt. Institutions / Hospitals.		
11	Attach an Affidavit that the quoted rate is not higher than MRP		
12	Attach an Affidavit from bidder that the quoted rate in this financial bid is not more than the rate quoted in any other government Institutions / Organizations.		
13	Whether list of reputed users (along with telephone numbers of contact persons) for the past three years specific to the instrument attached.		
14	Does the instrument / item complies with all the required specifications. Attach a separate sheet showing compliance with the specifications and explanations thereto if the equipments varies from the requested		

	specifications	
15	All documents and pages must be attested with signature and seal.	
16	List of Institutions / Hospitals where supply has been made in last three years.	

# **Bill of Quantity**

SN	Description of Items	Qty	Unit	Unit Rate	Taxes (GST)	Unit Rate with taxes	Amount
		A	В	C	D	(C+ <b>D</b> )	<b>A*</b> (C+ <b>D</b> )
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
			Add	any other	charges (if	any, specify)	
						Net Amount	
	(Net A	amount In Wor	d:				)

#### FOR PERFORMANCE GUARANTEE BOND

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of Two Hundred)

(TO BE ESTABLISHED THROUGH ANY OF THE SCHEDULED BANK (WHETHER SITUATED AT PATNA OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT PATNA. BONDS ISSUED BY CO- OPERATIVE BANKS ARE NOT ACCEPTED)

To,

The Director
Indira Gandhi Institute of Medical Sciences,
Sheikhpura,
Patna – 800 014.

LETTER OF GUARANTEE
WHERE AS Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 have invited Tenders vide Tender No
NOW THIS BANKHERE BY GUARANTEES that in the event of the said supplier/firm (seller) failing to abide by any of the conditions referred to intender document/purchase order/performance of the instrument/machinery, etc. This Bank shall pay to Indira Gandhi Institute of Medical Sciences, Patna on demand and without protest or demur(Rupees ).
This Bank further agrees that the decision of Indira Gandhi Institute of Medical Sciences, Patna (Buyer) as to whether the said supplier/firm (Seller) has committed a breach of any of the conditions referred in tender document/ purchase order shall be final and binding.
We,(name of the Bank& branch) here by further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the supplier/firm(Seller)and/or Indira Gandhi Institute of Medical Sciences, Patna (Buyer).
Not with standing anything contained herein:
a. Our liability under this Bank Guarantee shall not exceed`
b. This Bank Guarantee shall be valid up to(date) and
c. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if Indira Gandhi Institute of Medical Sciences, Patna serve upon us a written claim or demand on or before (Date)
This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at
local branch). Yours truly,
Signature and seal of the
Guarantor Name of the Bank:
Complete Postal Address:

#### MANUFACTURER'S / PRINCIPAL'S AUTHORIZATION FORM

ъ	C.
De	ear Sir,
TE	ENDER:
we	e,who are established and reputable manufacturers of, ha
fac	ctories at and , hereby authorize Messrs. (Authorized Dealer/Sole Distributor/Sol
co.	mpany or firm or individual other than Messrs. are authorized to bid, negotiate and co
the	e contract in regard to this business against this specific tender.
W	e hereby extend our full guarantee and warranty as per the conditions of
	r the goods bided for supply against this tender by the above firm.
Th	ne authorization is valid up to
Yo	ours faithfully,
	(ame)

## **SELF-DECLARATION**

То,	The Director, I.G.I.M.S. – Patna.					
Sub.:	Annual Rate Contract for the supply of Reagents/Kits, chemical & Glassware etc to IGIMS,					
Ref.:	Sheikhpura, Patna (Bihar). Tender Notice No.:					
Dear Sir,						
for busine Governmer subject BI our part and the I quoted, We have	Ty that we have not been de-registered or debarred or blacklisted or banned / suspended ess for any product or constituent of the product we have quoted, by State Government or not of India / Drugs Controller, till the due date of submission of BID as specified in the ID. If we, at a later date, are found guilty of suppressing facts in this regard, such act on shall be considered a fraudulent practice in accordance with the Instructions to Bidders Purchaser shall be entitled to reject our BID and forfeit the BID Security for the product submitted by us against this Tender.  also noted that after submission of BID and before award contract, if we are deregistered entitled by State Government or Government of India / Drug Controller, our BID be considered as Non-responsive.					
Date:	Signature:					
Place:						
	Name:					
	Designation:					
	Seal:					

#### Remarks:

- Technical Bid should contain Annexure A (Bid Particulars), Annexure B (Bid Form), Annexure C (Technical Compliance Sheet), Annexure D (Compliance Statement), Annexure F, Annexure G and Annexure H with all supporting documents.
- o **Financial Bid should contain** only price in the format as per Annexure E (BOQ).

Director, I.G.I.M.S. – Patna.

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