



**OFFICE OF THE SUPERINTENDENT BHIMA BHOI  
MEDICAL COLLEGE & HOSPITAL**

**At/PO/Dist – Balangir, PIN – 767001 (Odisha)**

E-mail: [gmchospitalbalangir@gmail.com](mailto:gmchospitalbalangir@gmail.com)



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Tender Ref. No. 5214 /Estt.(BBMC&H)/21.

Dt. 24-11-2021

**TENDER FOR SUPPLY OF SUPPLY OF CHEMICALS, REAGENTS, DIAGNOSTIC KITS,  
ANTIBIOTIC DISCS, GLASS WARES & PLASTIC WARES ETC TO BHIMA BHOI  
MEDICAL COLLEGE & HOSPITAL, BALANGIR**

Date of Publication of Bid	:	DT. 25.11.2021
Last Date Of Receipt Of Bid Documents	:	DT. 15.12.2021
Date and Time of Pre-Bid Meeting	:	DT. 30.11.2021
Date and Time of Opening Technical Bid	:	DT. 16.12.2021
Date of Opening Financial Bid	:	Intimate later

Place of opening of Tender &  
Address For Communication

: Superintendent, Bhima Bhoi Medical Collage  
& Hospital, District-Balangir.  
Email: [gmchospitalbalangir@gmail.com](mailto:gmchospitalbalangir@gmail.com)

Sd/

*[Handwritten Signature]*  
24-11-2021

Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir - 767001

## BID DOCUMENT

### Terms and conditions:

1. Sealed bids in prescribed proforma should be superscribed as "Bid for Supply of Chemicals, Reagents, Diagnostic kits, Antibiotic Discs, Glass wares & Plastic wares etc." are to be submitted in the Office of the undersigned on or before dt. 15.12.2021 by Regd. Post / Speed Post/Courier and the technical bids will be opened on 16.12.2021 in presence of the bidder/s or their authorized representatives in the office chamber of the undersigned and it may be extended.
2. This is a Rate Contract Bid.
3. It is a two bid bid process i.e. one is Technical bid and the second one is Financial bid to be submitted in separate sealed envelopes properly superscribed as Technical Bid / Financial Bid.
4. Bidders are to submit both the above sealed envelopes in another envelope superscribed as: "Bid for Supply of Chemicals, Reagents, Diagnostic kits, Antibiotic Discs, Glass wares & Plastic wares etc."
5. A bidder can bid for a single brand or any number of brands or all the brands.
6. Tender fee (cost & processing fee): The potential bidders can avail the bid document from the website and participate by paying **Rs. 10,000/- (Rupees Ten Thousand) only towards** the bid document and processing fees will be non-refundable. The cost of tender document and processing fee must be deposited along with the Bid documents by Demand draft drawn in favour of " Superintendent, Bhima Bhoi Medical College & Hospital, Balangir" payable at Balangir. the Tender document is not transferable to any other bidder.
7. The Bidder should furnish the Security Deposit (NSC/FD/Bank Guarantee) of **Rs. 1,00,000/- (Rupees one lakh)** only refundable duly pledged in favour of the "Superintendent, Bhima Bhoi Medical College Hospital, Balangir". The Security Deposit will be forfeited, in case the successful bidder fails to execute the order within the stipulated period.
8. The Bids should be complete in all respects and should be duly signed. Incomplete and unsigned bids will not be considered.
9. The bidder should submit the security deposit and bid document fees in Technical Bid.
10. The bids received after due date and time will not be considered under any circumstances.
11. After evaluation of the technical bids by the Committee, the price bids of the technically qualified bids will only be opened by the Committee on the scheduled date [to be notified to the technically qualified bidders in due time by the Superintendent] in presence of the technically qualified bidders or their authorized representatives. If any bidder or its authorized representative fails to turn up at the time of opening of the bids, the process will continue as usual.
12. This bid will enable the purchaser to buy the chemicals, reagents, kits, antibiotic discs, glass wares & plastic wares etc. of the below mentioned brands as per the need in the approved price which is fixed based on the maximum discount offered on the Company MRP] from the selected vendor. :

- |  |                                 |
|--|---------------------------------|
| 1. Accurex                                       | 12. Bhat Biotech India Pvt. Ltd |
| 2. Acon/ Medikit                                 | 13. Biocard                     |
| 3. Agappe  | 14. Biogenix                    |
| 4. Alere Medical Pvt Ltd (Alere SD)              | 15. Biomed                      |
| 5. Anand Brothers                                | 16. Biomerieux                  |
| 6. Astra Scientific System (P) Ltd               | 17. Biorad                      |
| 7. Axiva/ Ranbaxy (RFCL)                         | 18. Bio-tech                    |
| 8. Axivia  | 19. Blue Star                   |
| 9. Bayer   | 20. Borosil                     |
| 10. Becton Dickinson Company                     | 21. Clinreact                   |
| 11. Beijing Wantai Pharmacy Enterprises Co. Ltd. | 22. CML Biotech Pvt. Ltd        |
|  | 23. Cobas (Roche)               |
|  | 24. Crest                       |

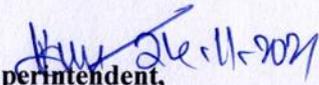
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| 25. CTK Bioteck                            | 51. Qualigens                                |
| 26. Dako                                   | 52. Render                                   |
| 27. Diagnostic Enterprises                 | 53. RFCL (AVANTOR)                           |
| 28. Dispovan                               | 54. Riviera                                  |
| 29. Erba                                   | 55. Roche and other brands to this hospital. |
| 30. Finar Chemicals Ltd.                   | 56. Scheme                                   |
| 31. Hi-Media                               | 57. SD Bio-Senser Health Care Pvt. Ltd.      |
| 32. Hitachi                                | 58. SD Bio-Standard Diagnostic               |
| 33. Inbios                                 | 59. Siemens                                  |
| 34. J.Mitra & Co. Ltd                      | 60. Sigma Aldrich                            |
| 35. Jain Scientific Glass Works            | 61. Snibe                                    |
| 36. JLab                                   | 62. SRL                                      |
| 37. Kan                                    | 63. SS Diagnostica                           |
| 38. Lenexa                                 | 64. Stanbio                                  |
| 39. Lilac Medicare                         | 65. Sysmex                                   |
| 40. Loba                                   | 66. Tarson                                   |
| 41. Laxbro                                 | 67. Thermo Fisher Scientific                 |
| 42. Malco                                  | 68. Tosho                                    |
| 43. Merck                                  | 69. Transasia                                |
| 44. Microexpress                           | 70. Tulip                                    |
| 45. MP Bio-medicals Asia Pacific Pvt. Ltd. | 71. Yorco                                    |
| 46. M-Sceptre Medical India Pvt. Ltd.      | 72. VWR (Avantor)                            |
| 47. Oxoid                                  | 73. Thermo Fisher Scientific                 |
| 48. Peerless                               | 74. EpreDia                                  |
| 49. Piramal HealthCare                     |  |
| 50. Prime Wear IndiaInc.                   |  |

13. Bidders who have been black-listed either by the bid inviting authority or by any state Govt. or Central Govt. organization are not eligible to participate in the bid.
14. The minimum annual turn-over for the last three financial years should be more than **Rs. 1,00,00,000/- (Rupees One Crore) only.**
15. The bidder should submit the Authorization Letter from the Manufacturers / Principal firms, otherwise bid for the item will not be considered.
16. If any Manufacturer / Principal firm issues **Authorization letter to only one bidder for the present bid** then the same must clearly mentioned in the Authorization Letter in the Company Letter Pad with an undertaking that, the MRP and Discount quoted by the bidder has been approved by the Company which is the best competitive price.
17. The price quoted by the bidders **should not be more than the Open market Price.** The bidders have to submit the **Price list / Price Book by the manufacturer/s** of all the brands quoted in support of the MRP claimed.
18. The bidder should furnish the self attested copies of the following documents along with the Technical bid document:
- Affidavit in a Rs. 10/- stamp paper duly attested by a Notary to the effect that, they are not Black-listed by any State Government or Central Government Organization.
  - Aadhar Card [Valid ID] proof,
  - Up-to date valid GSTN certificate as per Govt. rule,
  - valid PAN Card,
  - valid ISI/ISO/GMP certificate,
  - Valid Drug License,

- g. Valid manufacturing license / Authorization certificate from the manufacturers in the manufacturers Letter Pad addressed to the Superintendent, Bhima Bhoi Medical College & Hospital, Balangir and it must contain the current Bid Reference Number, for each of the brands quoted.
  - h. Bank details.
  - i. Annual turn-over certificate of last 3 years.
  - j. Price list / Price book by the manufacturers for each brand participated.
  - k. Certificate to the effect that price quoted is not more than the Open Market Price.
19. The Financial bid document should contain information regarding the **Lowest rate quoted i.e. the highest discount offered on the MRP as per the latest Price List published by the Manufacturer for the individual brand or item in Indian Currency, both in words and figures against each brand.**
  20. If any information or documents furnished by the bidder found to be misleading / incorrect at any stage the said bidder will be outrightly rejected.
  21. There shall be no change in price structure during the period of contract except of the statutory levies which are made applicable by the Govt. through notifications and regulations. However, the Bidder will pass on the advantage to in case of downward price movement during the Contractperiod.
  22. The rate contract will be guided by **"Fall Clause" - "if the rate contract holder reduces its price or sells or even offers to sell the rate contracted goods following conditions of sale similar to those of the rate contract, at a price lower than the rate contract price, to any person or organization during the currency of the rate contract, the rate contract price will be automatically reduced with effect from the date for all the subsequent supplies under the rate contract and the rate contract amended accordingly."**
  23. Method of Selection: The selection of the bidders will be based on the Lowest rate quoted i.e. the highest discount offered on the MRP as per the latest Price List published by the Manufacturer for the individual brand or item. Hence different bidders may be selected for different Brands or items.
  24. However, the committee is not bound to accept the lowest rate i.e. the highest discount offered on MRP as per the latest Price list of the manufacturer considering the technical aspects.
  25. The bid will be **valid for one year from the date of approval / may be extended on review on mutual agreement with the same terms & condition subject to satisfactory performance/till finalization of next bid.**
  26. The chemicals etc. that are to be supplied **must have expiry time of at least one year on the date of supply.**
  27. The bidder has to supply demo kits for quality assessment to the different departments if required.
  28. **The rates so quoted should be on door delivery at Main Medical Store of Bhima Bhoi Medical College Hospital, Balangir, Odisha. No extra charges for transportation is admissible.**
  29. Delivery within a period of 20 days of receipt of the Purchase Order either directly or through dealer. (No deviation will be accepted in this regard). Earlier delivery by the supplier is preferred. If the ordered material is not supplied in the above mentioned period, then the Superintendent, BB MCH Balangir reserves the right to cancel the order/not accepts the ordered materials.
  30. **LIQUIDATED DAMAGES: The date of delivery should be strictly adhered to; otherwise the Superintendent, BB MCH Balangir reserves the right not to accept the delivery in part or full. The liquidated damages @0.5% per week subject to a maximum of 5% of the value of the order can be imposed.**
  31. The items, so supplied will have to be of high quality and grade and in the inspection/test if these are found to be of inferior quality, the same are to be replaced by supplier at their cost within the stipulated period, failing which the Rate Contract of the firm may be cancelled. Delayed supply/non-compliance of complete order may also lead to cancellation of Contract.
  32. To ensure sustained supply without any interruption, the Superintendent, BB MCH Balangir reserves the right to split orders for supplying the requirements among more than one bidder provided that the rates

and other conditions of supply are equal and with sufficient grounds. In case of non supply of any items by any approved lowest quoted firm, the Superintendent can offer any of L-2 firms to supply at L-1 rate (lowest approved rate) and procure the same items in L-1 rate sequentially.

33. **No advance payment** towards the cost of items will be made to the supplier.
34. Payment shall be made on receipt of the stock entry certificate on the body of the bill/invoice from the store on availability of funds / allotment.
35. The bidder should adhere the terms & conditions and submit the bids in the given prescribed proforma failing which the bid paper will be rejected.
36. The payment will be released.
37. The bid documents should be clearly written/ typed without any corrections, interpolation and over-writings etc and each page of the bid should bear the dated, signature and page number of the bidder.
38. If the manufacturing firms are directly submitting the bid, they should not authorize any agent to quote for the same products simultaneously.
39. The firms are entitled to withdraw/cancel the rate contract by serving one-month notice on each other. However, once a purchase order is placed on the supplier for supply of a definite quantity in terms of the rate contract during the validity of the rate contract, that purchase order becomes a valid and binding contract.
40. Superintendent Officer, BB MCH Balangir does not guarantee or assure of any quantum of business during the contract period. The order will be issued only if the requirement of such items arises in the Institute.
41. Superintendent, BB MCH, Balangir reserves the right to accept /reject/ cancel any or all the bids in full or part without assigning any reason thereof.
42. Legal disputes, if any are subject to jurisdiction in the courts of law situated at Balangir, Odisha.

  
Superintendent,  
Bhima Bhoi Medical College Hospital,  
Balangir  
Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir - 767001

**PROFORMA FOR TECHNICAL BID**

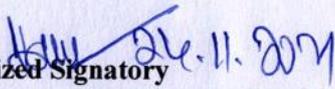
**INFORMATION ABOUT THE BIDDER**

(To be furnished in Cover "A" - Technical Bid)

Sl. No.	Particulars	Details	Document Sl. No.
1	Name of the Bidder		
2	Address of the Bidder		
3	E-mail ID of the Bidder		
4	Mobile No. [with Whatsapp] of the Bidder		
5	Details of Bank Account: [Attach cancelled cheque / 1 <sup>st</sup> page of pass book] Name of Account Holder: Name of Bank with Branch: Account Type: Account No.: IFS Code:		
6	Notarized affidavit in Rs 10/- nonjudicial stamp paper for not being blacklisted.		
7	Valid Authorization Letter from the Manufacturer or firm / Manufacturing License	No. _____ date: _____	
8	Up-to date valid GSTN certificate	No. _____ date: _____	
9	PAN details		
10	Aadhar No of the Bidder / authorized representative		
11	Valid ISI/ISO/GMP certificate	No. _____ date: _____	
12	Valid Drug License	No. _____ date: _____	
13	Cost of Bid Document [DD / Pay order]	No. _____ date: _____	
14	Security Deposit of Rs. 1,00,000/- [NSC / FD]	No. _____ date: _____	
15	Up to date Annual Turnover Certificate for last 3 financial years.		
16	Latest Price list published by the manufacturers of all the brands quoted.		
17	Certificate to the effect that price quoted is not more than the Open Market Price.		

N.B.: Self attested copies of the relevant documents are to be attached with this document.

Date:  
Place:

  
**Authorized Signatory**  
(Signature and seal of the Authorized Signatory)

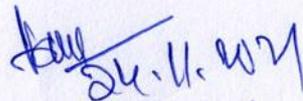
Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir - 767001

**PROFORMA FOR FINANCIAL BID**

Sl.No.	Name of Manufacturer/ Brand etc.	Rate of discount offered on the Printed price list of the manufacturer(MRP)
<b>1</b>	<b>2</b>	<b>3</b>

Date:  
Place:

**Authorized Signatory**  
**(Signature and seal of the Authorized Signatory)**

  
24.11.2021  
Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir - 767001

**ANNEXURE 1: MANUFACTURER'S AUTHORIZATION FORM**

**(To be furnished in Cover "A" - Technical Bid)**

(To be submitted by the Authorized Dealer in case the bidder is the authorized dealer of OEM.)

No. \_\_\_\_\_ . Date: \_\_\_\_\_

To,

The Superintendent,  
BB MCH Balangir  
Bid Reference No.:

Dear Sir,

1. We ..... (name of the OEM) are the original manufacturers of the above equipment having registered office at ..... (full address with telephone number / fax number, email id & website), having factories at ..... and ..... Do hereby authorize M/s. .... (Name and address of the bidder) to submit bids and subsequently negotiate and sign the contract with you against the above bid no.
2. We also hereby declare that; we have the capacity to manufacture and supply the quantity of the items bided within the stipulated time.
3. We hereby undertake that, the MRP and the Discount offered by the Bidder has been approved by the company and it is the best competitive price.

(Name)

Date:

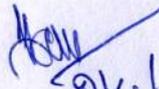
for & on behalf of M/s .....

Place:

(Name of the Manufacturers)

Seal

NOTE: THIS LETTER OF AUTHORITY SHOULD BE ON THE LETTER PAD OF THE MANUFACTURING CONCERN AND SHOULD BE SIGNED BY A PERSON COMPETENT AND HAVING THE POWER OF ATTORNEY TO BIND THE MANUFACTURER.

  
24.11.2021  
Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir 767001

**ANNEXURE 2: FORMAT FOR AGREEMENT**

[The successful Bidder shall fill in this form in accordance with the instructions indicated]  
THIS CONTRACT AGREEMENT is made the [insert: number] day of [insert: month], [insert: year].

BETWEEN

1. Superintendent, Bhima Bhoi Medical College & Hospital, Balangir, Odisha- 767001 (hereinafter called "the Purchaser"), and
2. [insert name of Supplier] having its principal place of business at [ insert: address of Supplier ] (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for **Supply of Chemicals, Reagents, Diagnostic kits, Antibiotic Discs, Glass wares& Plastic wares etc.**, has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Special Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Purchaser and the Supplier and each shall be read and construed as an integral part of the Contract:
  - a. This Contract Agreement
  - b. Special Conditions of Contract
  - c. Technical Requirements (Technical Specifications)
  - d. The Supplier's Bid and original Price Schedules
  - e. The Purchaser's Notification of Award
  - f. Performance Security
  - g. [Add here any other document (s)]
3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of [insert the name of the Contract governing law country] on the day, month and year indicated above.

For and on behalf of the Agency

For and on behalf of the  
Bhima Bhoi Medical College & Hospital, Balangir.

Authorised Signatory  
<NameandAddressofthe  
Supplier>

<Authorized Signatory>

Date:

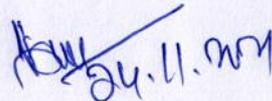
Date:

1. Witness

1. Witness

2. Witness

2. Witness

  
Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir - 767001

ANNEXURE 3: Bank Guarantee Format for furnishing Security Deposit

Whereas..... (here in after called the "tenderer") has submitted their offer dated..... for **Supply of Chemicals, Reagents, Diagnostic kits, Antibiotic Discs, Glass wares & Plastic wares etc**(hereinafter called the "tender") against the purchase's tender.

KNOW ALL MEN by these presents that WE..... of..... having our registered office at ..... are bound unto ..... (Herein after called the "purchaser") in the sum of..... for which payment will and truly to be made to the said purchaser, the bank binds itself, its successors and assigns by these presents.

Sealed with the common seal of the said Bank this .....day of.....2021.

THE CONDITION OF THIS OBLIGATION ARE:

1. If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
2. If the tenderer having been notified of the acceptance of his tender by the purchaser during the period of its validity:-
  - a. If the tenderer fails to furnish the performance security for the due performance of the contract.
  - b. Fails or refuses to accept/execute the contract.

WE undertake to pay the purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both two conditions, specifying the occurred condition or conditions.

This guarantee shall be valid until the ..... day of ..... 20.....

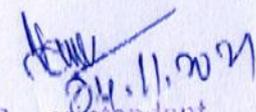
We the .....Branch.....undertake not to revoke the guarantee during its currency expect with the previous consent of the The Superintendent, Bhima Bhoi Medical College & Hospital, Balangir-767001 in writing.

We the .....Branch..... further agree that a mere demand by the Superintendent, Government Medical College , Balangir-767001 is sufficient for us.....Branch at ..... to pay the amount covered by the Bank Guarantee without reference to the said Agency and protest by said Agency cannot be valid ground for us.....Branch to decline payment to the Superintendent, Bhima Bhoi Medical College & Hospital, Balangir-767001.

.....  
(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Banks and address of the Branch

  
24.11.2021  
Superintendent  
Bhima Bhoi Medical College & Hospital  
Balangir - 767001

**ANNEXURE 4: TENTATIVE LIST OF CHEMICALS, CONSUMABLES, ETC.**

**LIST OF CHEMICALS, KITS AND CONSUMABLES FOR DEPARTMENT OF PATHOLOGY**

SL. NO.	TYPE	NAME OF THE ITEM	SPECIFICATION / UNIT SIZE / VOL	ANNUAL REQUIREMENT
<b>FOR SYSMEX XNL-550 6 PART HEMATOLOGY AUTOMATED ANALYZER ASSUMING 100 CASES PER DAY</b>				
1	CHEM	Cell Pack DCL Code: ZPPCT661628	1 x 20 L	72
2	CHEM	Sulfolyser Code: BJ350971	2 x 1.5 L	18
3	CHEM	Lysercell WDF Code: AW993605	1 x 5 L	18
4	CHEM	Fluorocell WDF Code: CV377552	2 x 42 mL	9
5	CHEM	Cell Clean Code: 83401621	1 x 50 mL	5
6	CHEM	XNL Check	3 x 3 mL	12
<b>FOR SYSMEX XS-800i 5 PART HEMATOLOGY AUTOMATED ANALYZER ASSUMING 50 CASES PER DAY</b>				
1	CHEM	Cell Pack:	1 x 20 L	72
2	CHEM	Stromatolyzer – 4DL	1 x 5 L	12
3	CHEM	Stromatolyzer – 4DS	3 x 420mL	12
4	CHEM	Sulfolyser	1 x 5 L	12
5	CHEM	Cell Clean	1 x 50 mL	12
6	CHEM	Calibrator	1 x 5 mL	12
7	CHEM	QC E-check XS L1, L2, L3	3 x 1.5 ml	12
<b>FOR SEMIAUTOMATED COAGULATION ANALYZER ERBA ECL-105</b>				
1	CONS	Cuvette compatible to the device	Pack of 100	72
<b>TOSHO HPLC FOR HEMOGLOBINOPATHY ASSUMING 10 CASES PER DAY:</b>				
1	KIT	Tsk gel B-Thal HSI column	1 unit	4
2	KIT	G8 Filter element	1 unit	16
3	KIT	G8 Thalassemia Elution Buffer Kit	1 unit	4
4	KIT	Hemolysis and wash solutions	1 unit	4
5	KIT	G8 Hemoglobin F&A2 control	1 unit	3
6	KIT	G8 Hemoglobin F&A2 Calibrator	1 unit	3
<b>FOR CRYOSTAT THERMO SCIENTIFIC:</b>				
1	CONS	Tissue freezing OCT solution	4 oz bottle of 12 per packet	2
<b>FOR THERMO CYTOSPIN 4:</b>				
1	CONS	Single Funnel with White	10 x 50 pack	12

		Filter & Cap		
OTHER CHEMICALS, KITS, ETC				
	TYPE	NAME OF THE ITEM	SPECIFICATION / UNIT SIZE / VOL	ANNUAL REQUIREMENT
1	CHEM	2-amino-2-methyl-1, 3-propanediol	50 gm bottle	2
2	CHEM	Absolute Ethanol	2.5 L Jar	5
3	CHEM	Acetic acid	500 ml bottle	36
4	CHEM	Acetone	500 ml bottle	6
5	CHEM	Acid fuchsin	25 gm	1
6	CHEM	Activated Charcoal	500 gm packet	10
7	CHEM	Alcian blue 8GX	25 gm bottle	2
8	CHEM	Aluminum chloride anhydrous	100 gm	2
9	CHEM	Aluminum hydroxide	100 gm	2
10	CHEM	Aluminum sulphate	200 gm	2
11	CHEM	Amido black	25 gm	6
12	CHEM	Ammonium or potassium alum	500 gm	2
13	CHEM	Ammonia strong	500 ml bottle	6
14	CHEM	Ammonium or potassium alum	500 gm	4
15	CHEM	Ammonium sulphate	500 gm packet	12
16	CHEM	aPTT reagent set [aPTT reagent + CaCl <sub>2</sub> soln]	1 set	48
17	CHEM	Barium chloride	500 ml bottle	6
18	CHEM	Basic blue	10 gm bottle	6
19	CHEM	Basic fuchsin	50 gm bottle	3
20	CHEM	Benedicts Solution	500 ml bottle	24
21	CHEM	3, 3' Diamino Benzidine	10 gm	6
22	CHEM	Biebrich scarlet	10 gm	1
23	CHEM	Boric acid	500 gm packet	6
24	CHEM	Calcium chloride	100 gm	6
25	CHEM	Carmine, alum lake	25 gm	2
26	CHEM	Chloral hydrate	500 gm	2
27	CHEM	Citric acid	100 gm	2
28	CHEM	Hydrochloric acid	500 ml bottle	6
29	CHEM	Diastase with a-amylase	100 gm	2
30	CHEM	Disodium hydrogen phosphate	500 gm	12
31	CHEM	Distilled water / De-ionized water	1 l. bottle	150
32	CHEM	DPX mountant	250 ml bottle	24
33	CHEM	EDTA Salt	100 gm	6
34	CHEM	Ehrlichs aldehyde reagent	500 ml bottle	6
35	CHEM	Eosin Y	50 gm	6

36	CHEM	Esbachs reagent	200 ml bottle	12
37	CHEM	Fast blue salt RR	50 gm	2
38	CHEM	Ferric ammonium sulphate	100 gm	2
39	CHEM	Ferric chloride	100 gm	6
40	CHEM	Formaldehyde 40% w/v	5 L Jar	30
41	CHEM	Fouchets reagent	500 ml bottle	6
42	CHEM	Gelatin	100 gm	2
43	CHEM	Giemsa	25 gm	2
44	CHEM	Glycerine	500 ml bottle	2
45	CHEM	Gold chloride	10 gm	2
46	CHEM	Haematoxylin	25 gm bottle	6
47	CHEM	Hemoglobin solubility test Kit for Sickle cell anemia	Piece	720
48	CHEM	Hydrogen peroxide	50 ml bottle	20
49	CHEM	Iodine	25 gm bottle	6
50	CHEM	Leishman stain	250 ml bottle	720
51	CHEM	Light green	25 gm bottle	6
52	CHEM	Lignocaine with adrenaline 2%	30 ml bottle	72
53	CHEM	Liquid paraffin	500 ml bottle	6
54	CHEM	Lugols iodine	500 ml bottle	6
55	CHEM	May-Grunwald powder	25 gm bottle	6
56	CHEM	Mercuric oxide	100 gm	4
57	CHEM	Metanil yellow	20 gm	2
58	CHEM	Methanol	2.5 L Jar	4
59	CHEM	Methylene blue	200 ml bottle	6
60	CHEM	Methylene blue	50 gm	6
61	CHEM	N, N Dimethyl formamide	100 ml	2
62	CHEM	N/10 HCl	500 ml bottle	12
63	CHEM	Na-nitroprusside	50 gm bottle	6
64	CHEM	Naphthol ASBI phosphate	100 gm	2
65	CHEM	Naphthol AS-D chloracetate	100 gm	2
66	CHEM	New Fuchsin	25 gm bottle	2
67	CHEM	Nitric acid	500 ml bottle	6
68	CHEM	Nuclear fast red	10 gm	2
69	CHEM	Oxalic acid	100 gm	2
70	CHEM	Paraffin with cerasin 60 degree melting point	500 gm	72
71	CHEM	Periodic acid	100 gm packet	1
72	CHEM	Phenol (crystalline)	500 gm packet	6
73	CHEM	Phosphotungstic acid	25 gm bottle	6
74	CHEM	Picric acid	100 gm	2
75	CHEM	Potassium acetate	500 gm packet	6
76	CHEM	Potassium dihydrogen phosphate	500 gm	12

77	CHEM	Potassium ferrocyanide	500 gm packet	2
78	CHEM	Potassium nitrate	500 gm packet	6
79	CHEM	Potassium permanganate	100 gm	2
80	CHEM	Propranolol-2-ol	2.5 L Jar	80
81	CHEM	Propylene glycol	500 ml bottle	2
82	CHEM	Providone iodine solution	500 ml bottle	36
83	CHEM	Rapid PAP staining kit	Set	18
84	CHEM	Resorcinol	250 gm packet	1
85	CHEM	Safranin	500 ml bottle	12
86	CHEM	Safranin O	25 gm bottle	4
87	CHEM	Schiff reagent	500 ml bottle	6
88	CHEM	Silver nitrate	10 gm	1
89	CHEM	Sodium acetate, 3H <sub>2</sub> O	100 gm	2
90	CHEM	Sodium bicarbonate	500 gm packet	12
91	CHEM	Sodium chloride	500 gm	2
92	CHEM	Sodium citrate	100 gm	6
93	CHEM	Sodium hydroxide	500 gm	2
94	CHEM	Sodium hydroxide 1N	50 ml bottle	2
95	CHEM	Sodium iodate	50 gm	2
96	CHEM	Sodium lauryl sulphate reagent for Hemoglobin estimation	1 L bottle	12
97	CHEM	Sodium metabisulphite	500 gm packet	1
98	CHEM	Sodium thiosulphate	25 gm	1
99	CHEM	Sudan Black B	25 gm	2
100	CHEM	Sudan black-B stain	25 gm bottle	6
101	CHEM	Sulphur powder	500 gm packet	6
102	CHEM	Sulphuric acid	500 ml bottle	2
103	CHEM	Surgical Spirit	500 ml bottle	700
104	CHEM	Thromboplastin [ISI - 1]	5 ml	60
105	CHEM	Thymol	25 gm bottle	6
106	CHEM	Toluidine blue O	10 gm	2
107	CHEM	Toluidine blue	25 gm bottle	6
108	CHEM	Tris buffer	100 gm	6
109	CHEM	Trisodium citrate	100 gm	6
110	CHEM	Xylene	2.5 L Jar	24
111	CHEM	Zinc sulphate, 7H <sub>2</sub> O, 0.132M	100 gm	2
112	KIT	Occult blood	50 cards / box	12
113	KIT	Urine microalbumin test strip, semiquantitative immunoassay method	50 strips / bottle	12
114	KIT	Urine ten parameter test strips	50 strips / bottle	12
115	KIT	Urine two parameter test strips [Glucose & Albumin]	50 strips / bottle	360

116	KIT	Urine $\beta$ HCG test strip, two site sandwich immunoassay method	1 strip	2400
117	KIT	ZN Stain	1 set	12
<b>CONSUMABLES</b>				
1	CONS	0.25" brush	piece	2
2	CONS	3.2% Sodium citrate vial 3 ml for coagulation study, Blue top	box of 100	36
3	CONS	3.8% Sodium citrate vial, 3 ml, Black top	box of 100	108
4	CONS	Applicator stick, plastic / wooden	box of 50 slides	120
5	CONS	Ayer's spatula stainless steel	Piece	12
6	CONS	Band aid	50 per packet	1080
7	CONS	Beakers glass 1 L capacity	Piece	2
8	CONS	Beakers glass 250 ml capacity	Piece	10
9	CONS	Beakers glass 500 ml capacity	Piece	10
10	CONS	Brain knife 22" Stainless steel	Piece	4
11	CONS	Capillary tube for Clotting test	100 per box	50
12	CONS	Cellulose acetate paper of electrophoresis	50 pieces per packet	24
13	CONS	Centrifuge tube glass	10 ml, box of 100 nos.	40
14	CONS	Conical flasks glass 250 ml capacity	Piece	8
15	CONS	Conical flasks glass 500 ml capacity	Piece	6
16	CONS	Coplin Jars with lid Glass	6 per packet	25
17	CONS	Cotton Roll	500 gm roll	360
18	CONS	Coverslip glass, thickness 0.16 to 0.19 mm, 22 x 22 mm	box of 50 nos	600
19	CONS	Coverslip glass, thickness 0.16 to 0.19 mm, 22 x 40 mm	box of 50 nos	200
20	CONS	Coverslip glass, thickness 0.16 to 0.19 mm, 22 x 60 mm	box of 50 nos	100
21	CONS	Diamond pencil	Piece	50
22	CONS	Disposable scalpel blade No 24	50 per packet	50
23	CONS	Dispovan 3 ml	box of 100	360
24	CONS	Dispovan 5 ml	box of 100	360
25	CONS	Dispovan 5 ml	box of 100	100
26	CONS	Dispovan needle 23 G	box of 100	120
27	CONS	Dispovan needle 24 G	box of 100	360

28	CONS	Dropper plastic	box of 50 nos	72
29	CONS	Enterotome scissors stainless steel bend		2
30	CONS	Enterotome scissors stainless steel straight		2
31	CONS	Esbachsalbuminometer	Piece	6
32	CONS	ESR Pipette stand	Piece	20
33	CONS	ESR Pipette, disposable	20 per box	1000
34	CONS	Filter paper Whatman	50 per packet	100
35	CONS	Fine art brush	piece	10
36	CONS	Forceps plain big stainless steel		20
37	CONS	Forceps plain small stainless steel		20
38	CONS	Forceps toothed big stainless steel		20
39	CONS	Forceps toothed small stainless steel		20
40	CONS	Funnels glass various sizes	Piece	20
41	CONS	Glass marking pencil, Red / Blue	20 per box	50
42	CONS	Glass rod	Piece	100
43	CONS	Glass slides 25 x 75 mm	box of 50 slides	2000
44	CONS	Glass slides 25 x 75 mm, Frosted at one end	box of 50 slides	500
45	CONS	Hemocytometer cover slip	50 per box	6
46	CONS	High profile disposable blades	50 nos per packet	5
47	CONS	Improved bright lined Neubauers Chamber with accessories	1 set	10
48	CONS	JamshediTrucut Bone marrow biopsy needle 11 G	Piece	24
49	CONS	JamshediTrucut Bone marrow biopsy needle 16 G	Piece	24
50	CONS	K3 EDTA vial 3 ml, Lavander top	box of 100	600
51	CONS	Klimas Bone marrow aspiration needle 14 G	Piece	30
52	CONS	Klimas Bone marrow aspiration needle 16 G	Piece	30
53	CONS	Klimas Bone marrow aspiration needle 18 G	Piece	30
54	CONS	L moulds brass various sizes	Set	6
55	CONS	Leukopore	10 rolls per box	12
56	CONS	Lysol	1 L bottle	40
57	CONS	Measuring cylinder glass 1 L capacity	Piece	2

58	CONS	Measuring cylinder glass 100 ml capacity	Piece	10
59	CONS	Measuring cylinder glass 500 ml capacity	Piece	10
60	CONS	Microcentrifuge tube plastic	500 per box	10
61	CONS	Micropipette stand	Piece	15
62	CONS	Micropipette tips stand	Piece	15
63	CONS	Micropipettes variable volume 10 - 100 microlitre	Piece	10
64	CONS	Micropipettes variable volume 100 - 1000 microlitre	Piece	10
65	CONS	Microtips for 10 - 100 microlitre	1000 pieces per packet	10
66	CONS	Microtips for 100 - 1000 microlitre	1000 pieces per packet	10
67	CONS	Nylon Thread	Packet	6
68	CONS	Pasteure pipette	Piece	120
69	CONS	pH paper	Set	50
70	CONS	Plain vial 3 ml	box of 100	360
71	CONS	Plastic containers with lid 1 L capacity	Piece	100
72	CONS	Plastic containers with lid 250 ml capacity	Piece	100
73	CONS	Plastic containers with lid 5 L capacity	Piece	100
74	CONS	Plastic containers with lid 50 ml capacity	Piece	100
75	CONS	Plastic containers with lid 500 ml capacity	Piece	100
76	CONS	Plastic embedding cassettes, xylene resistant	1000 pieces per packet	10
77	CONS	Reagent Bottles glass with lid, amber colored, 250 ml capacity	Piece	100
78	CONS	Rubber tits	Box of 100	10
79	CONS	Sahlis Hemoglobinometer set	1 set	20
80	CONS	Scalpel handle	Piece	10
81	CONS	Scissors Stainless steel straight		8
82	CONS	Screw capped vial 5 ml for Hb	box of 100	60
83	CONS	Slide stand vertical stainless steel	Piece	30
84	CONS	Slide tray stainless steel	Piece	50
85	CONS	Specimen Collection plastic transparent bottle, wide mouthed	30 ml capacity	3000
86	CONS	Sponge holder stainless steel		6

87	CONS	Staining racks stainless steel 50 slide capacity	Piece	6
88	CONS	Staining troughs with lid glass 50 slide capacity	Piece	30
89	CONS	Stainless steel cassettes various sizes		40
90	CONS	Sterile disposable gloves 6"	50 nos per packet	50
91	CONS	Sterile disposable gloves 6.5"	50 nos per packet	50
92	CONS	Sterile disposable gloves 7"	50 nos per packet	60
93	CONS	Stickers	500 per packet	50
94	CONS	Test tube brush	for 10 ml & 15 ml test tubes	60
95	CONS	Test tube stand Plastic	Piece	50
96	CONS	Test tubes glass	15 ml, box of 100 nos.	20
97	CONS	Tissue paper roll	6 rolls / packet	150
98	CONS	Torniquet	Single piece	60
99	CONS	Wash bottle	500 ml	20
100	CONS	Whatmans Filter paper 60 cm x 60 cm, Grade 5	100 pieces per packet	10
101	CONS	Wintrobe's tube glass	Piece	10
102	CONS	Wire gauge	Piece	15

**FOR DEPARTMENT OF MICROBIOLOGY**  
**Staining reagent media and chemicals**

Sl no	Name of the reagent/ media/ chemicals	Specification/ Descriptions	Pack size	Quant
1	Gram Stain kit	Used for differentiation of bacteria on the basis of their gram nature. Sample: Any specimen(Urine,blood,pus,body fluids), Should contain Ready to use crystal violet, Gram's Iodine, decolorizer and counter stain	1 (Containing atleast 125 ml of each reagent)	50
2	Ziehl – Neelsen staining kit	Used for differentiation of bacteria on the basis of their Acid fast ness. Sample: Any specimen(Urine,blood,pus,body fluids), Should contain Ready to use CarbolFuschin, decolorizer and counter stain	1 (Containing atleast 125 ml of each reagent)	20
3	Albert stain kit	Used for staining of metachromatic granules. Should contain ready to use Alhert A & Alhert B	1(Containing atleast 125 ml of each reagent)	10

4	Lactophenol cotton blue stain	Used to stain fungal spore and hyphae	100 ml	10
5	India ink	Used to see Cryptococcus spp.	100 ml	6
6	Kovac's indole reagent	For Indole reaction in bacteria	100 - 150 ml	24
7	Methyl red reagent	For MR reaction	100 - 150 ml	24
8	VP Reagent	Ready to use Barritt A & Barritt B reagent ( twin Pack) for VP reaction	100 ml each of Barritt A & Barritt B	24
9	Nitrate Reagent	Ready to use Nitrate A & Nitrate B reagent ( twin pack) for Nitrate reaction	100 ml each of Nitrate A & Nitrate B	12
10	Andrade's indicator	Used as an indication in various biochemical reactions	100 - 150 ml	10
11	Lugol's Iodine	Used to see intestinal protozoa	100 ml	12
12	Automated Blood culture bottles ( For Render System)	Both Pediatric and Adult aerobic blood culture bottle for Render automated blood culture system		200 (100 Paedia 100 adu)
13	Sheep blood agar	Ready to use 5% Sheep blood agar plate to study the hemolytic properties of bacteria, presterilized, individually packed, devoid of air bubble	50 plts/ pack	24
14	Mac Conkey agar w/ 0.15% bile salts, CV and NaCl	For preparation of culture media	500 gram	24
15	Mac Conkey broth purple (double strength)	For preparation of culture media	100 gram	8
16	Mac Conkey Broth purple	For preparation of culture media	100 gram	8
17	CLED Agar with Andrade's indicator	For preparation of culture media	500 gram	24
18	TCBS agar	For preparation of culture media	100 gram	6
19	Mueller-Hinton agar cation adjusted	For preparation of culture media	500 gram	34

20	Cary Blair medium	For preparation of culture media	500 gram	6
21	Nutrient agar	For preparation of culture media	500 gram	24
22	Agar agar	For preparation of culture media	500 gram	3
23	Triple sugar iron agar	For preparation of culture media	500 gram	6
24	Bile esculin azide agar	For preparation of culture media	500 gram	3
25	Simmons' citrate agar	For preparation of culture media	500 gram	6
26	Phenyl alanine agar	For preparation of culture media	100 gram	6
27	Christensen's Urea base	For preparation of culture media	100 gram	12
28	Mannitol motility test medium	For preparation of culture media	100 gram	12
29	Mannitol salt agar	For preparation of culture media	100 gram	6
30	OF base with bromothymol blue	For preparation of culture media	100 gram	6
31	Peptone	For preparation of culture media	500 gram	6
32	Nutrient broth	For preparation of culture media	500 gram	8
33	Trypticase Soy broth	For preparation of culture media	500 gram	8
34	Selenite F broth	For preparation of culture media	100 gram	6
35	Moller's Decarboxylase broth	For preparation of culture media	100 gram	6
36	Nitrate Broth	For preparation of culture media	100 gram	12
37	Glucose phosphate broth	For preparation of culture media	100 gram	12
38	Candida hichrome agar	For preparation of culture media	100 gram	6
39	Sabaouroud dextrose agar with chloramphenicol and cycloheximide	For preparation of culture media	100 gram	8
40	Robertson's cooked meat media	For preparation of culture media	500 gram	12
41	Deoxycholate citrate agar	For preparation of culture media	100 gram	6

42	Sodium chloride	For preparation of culture media or reagent	500 gram	3
43	Glucose	For preparation of culture media or reagent	500 gram	3
44	Sucrose	For preparation of culture media or reagent	500 gram	3
45	Lactose	For preparation of culture media or reagent	500 gram	3
46	Mannitol	For preparation of culture media or reagent	100 gram	1
47	Arabinose	For preparation of culture media or reagent	100 gram	1
48	Maltose	For preparation of culture media or reagent	100 gram	1
49	Dulcitol	For preparation of culture media or reagent	100 gram	1
50	Hydrogen peroxide (30%)	For preparation of culture media or reagent	500 ml	6
51	Ferric chloride	For preparation of culture media or reagent	500 gram	3
52	KOH pellets	For preparation of culture media or reagent	500 gram	4
53	NaOH pellets	For preparation of culture media or reagent	500 gram	4
54	HCl	For preparation of culture media or reagent	500 ml	6
55	Sulphuric acid	For preparation of culture media or reagent	500 ml	6
56	Urea (40%)	For preparation of culture media or reagent	5 vial	60
57	Crystal violet	For preparation of culture media or reagent	100 gram	6
58	Iodine	For preparation of culture media or reagent	100 gram	6
59	Potassium Iodide	For preparation of culture media or reagent	100 gram	6
60	Acetone	For preparation of culture media or reagent	500 ml	24
61	Safranin	For preparation of culture media or reagent	100 gram	12
62	Ethyl alcohol (absolute)	For preparation of culture media or reagent	500 ml	36
63	Phenol crystal	For preparation of culture media or reagent	500 gram	6
64	Basic fuchsin	For preparation of culture media or reagent	100 gram	6
65	Methylene blue	For preparation of culture media or reagent	100 gram	6
66	Xylene	For preparation of culture media or reagent	500 ml	6
67	Glycerol	For preparation of culture media or reagent	500 ml	6
68	Gelatin	For preparation of culture media or reagent	500 gram	3
69	Lysine	For preparation of culture media or reagent	25 gram	6
70	Arginine	For preparation of culture media or reagent	25 gram	6
71	Ornithine	For preparation of culture media or reagent	25 gram	6
72	Calcium Chloride	For preparation of culture media or reagent	100 gram	3
73	Liquid paraffin	For preparation of culture media or reagent	500 ml	6

74	Bromothymol blue	For preparation of culture media or reagent	25 gram	3
75	Malchite green	For preparation of culture media or reagent	25 gram	3
76	Methyl red	For preparation of culture media or reagent	25 gram	3
77	Potassium tellurite powder	For preparation of culture media or reagent	25 gram	3
78	Zinc dust	For preparation of culture media or reagent	100 gram	3
79	Sodium taurocholate	For preparation of culture media or reagent	100 gram	3
80	Sodium glycocholate	For preparation of culture media or reagent	100 gram	3
81	Barium chloride	For preparation of culture media or reagent	100 gm	3
82	Oil immersion oil	For preparation of culture media or reagent	100 ml	24
83	Salmonella Polyvalent O	for identification of Salmonella serotypes	2ml	3
84	Salmonella O9	for identification of Salmonella serotypes	2ml	3
85	Salmonella O2	for identification of Salmonella serotypes	2ml	3
86	Salmonella O4	for identification of Salmonella serotypes	2ml	3
87	Salmonella Hd	for identification of Salmonella serotypes	2ml	3
88	Salmonella Ha	for identification of Salmonella serotypes	2ml	3
89	Salmonella Hb	for identification of Salmonella serotypes	2ml	3
90	Salmonella Hd	for identification of Salmonella serotypes	2ml	3
91	Shigella dysenteriae Polyvalent	for identification of Shigella spp.	2ml	3
92	Shigella flexneri Polyvalent	for identification of Shigella spp.	2ml	3
93	Shigella sonnei Polyvalent	for identification of Shigella spp.	2ml	3
94	Shigella boydii Polyvalent	for identification of Shigella spp.	2ml	3
95	Vibrio cholerae O Polyvalent	for identification of Vibrio cholerae	2ml	3
96	Vibrio cholerae Ogawa	for identification of Vibrio cholerae	2ml	3
97	Vibrio cholerae Inaba	for identification of Vibrio cholerae	2ml	3

98	Vibrio cholerae O139 Bengal	for identification of Vibrio cholerae	2ml	3
99	E.coli O 157	For seotyping O157 E.coli	2ml	3
100	E.coli 25922	For QC of media and reagent and AST	2 swab sticks /pack	1
101	E.coli 35218	For QC of media and reagent and AST	2 swab sticks /pack	1
102	E.fecalis 29212	For QC of media and reagent and AST	2 swab sticks /pack	1
103	P.aeruginosa 27853	For QC of media and reagent and AST	2 swab sticks /pack	1
104	S.aureus 25923	For QC of media and reagent and AST	2 swab sticks /pack	1
105	S.aureus 29213	For QC of media and reagent and AST	2 swab sticks /pack	1
106	ASO Titre latex agglutination		35 tests / pack	60
107	RA Factor latex agglutination		35 tests / pack	60
108	CRP latex agglutination		35 tests / pack	90
109	VDRL rapid card		40 tests / pack	40
110	Malaria Immunochromatographic test kit		50 kits / pack	360
111	Antisera A IgM		6 x 10 ml pack	5
112	Antisera B IgM		6 x 10 ml pack	5
113	Antisera D IgM		6 x 10 ml pack	5

**Antibiotics list**

Sl no	Name of the antibiotic	Strength	Specification / Description	Pack size	Quantity
1	Ampicillin	10 mcg	1 vial containing 100 / 50 discs	5 vial	12
2	Ampicillin/sulbactam	10/10 mcg	1 vial containing 100 / 50 discs	5 vial	12
3	Amikacin	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
4	Amoxicillin / Clavulanic acid	20/10 mcg	1 vial containing 100 / 50 discs	5 vial	12
5	Azithromycin	15 mcg	1 vial containing 100 / 50 discs	5 vial	12
6	Aztreonam	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
7	Cefazoline	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
8	Cefepime	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
9	Cefixime	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
10	Cefoxitin	30 mcg	1 vial containing 100 / 50 discs	5 vial	12

11	Cefotaxime	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
12	Cefuroxime	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
13	Ceftriaxone	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
14	Ceftazidime	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
15	Ceftazidime / clavulanate	30/10 mcg	1 vial containing 100 / 50 discs	5 vial	12
16	Cefotaxime / clavulanate	30/ 10 mcg	1 vial containing 100 / 50 discs	5 vial	12
17	Chloramphenicol	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
18	Ciprofloxacin	5 mcg	1 vial containing 100 / 50 discs	5 vial	12
19	Clindamycin	2 mcg	1 vial containing 100 / 50 discs	5 vial	12
20	Doxycycline	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
21	Erythromycin	15 mcg	1 vial containing 100 / 50 discs	5 vial	12
22	Fosfomycin	200 mcg	1 vial containing 100 / 50 discs	5 vial	12
23	Gentamicin	10 mcg	1 vial containing 100 / 50 discs	5 vial	12
24	High level Gentamicin	120 mcg	1 vial containing 100 / 50 discs	5 vial	12
25	Imipenem	10 mcg	1 vial containing 100 / 50 discs	5 vial	12
26	Levofloxacin	5 mcg	1 vial containing 100 / 50 discs	5 vial	12
27	Linezolid	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
28	Meropenem	10 mcg	1 vial containing 100 / 50 discs	5 vial	12
29	Nitrofurantoin	300 mcg	1 vial containing 100 / 50 discs	5 vial	12
30	Oxacillin	1 mcg	1 vial containing 100 / 50 discs	5 vial	12
31	Pefloxacin	5 mcg	1 vial containing 100 / 50 discs	5 vial	12
32	Penicillin	10 units	1 vial containing 100 / 50 discs	5 vial	12
33	Piperacillin/tazobactam	100/10 mcg	1 vial containing 100 / 50 discs	5 vial	12
34	Tetracycline	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
35	Tobramycin	10 mcg	1 vial containing 100 / 50 discs	5 vial	12
36	Trimethoprim/ sulfamethoxazole	1.25/23.75 mcg	1 vial containing 100 / 50 discs	5 vial	12
37	Vancomycin	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
38	Bacitracin	0.04 Unit	1 vial containing 100 / 50 discs	5 vial	12
39	Optochin	5 mcg	1 vial containing 100 / 50 discs	5 vial	12
40	Novobiocin	30 mcg	1 vial containing 100 / 50 discs	5 vial	12
41	Oxidase	-	1 vial containing 100 / 50 discs	1 vial	12
42	Colistin Microbroth dilution kit		microtitre plate precoated with graded concentration of Colistin Powder, IVD or equivalent body approved, third party certificate about the quality assurance of the product. Shelf life of atleast 6 6months when unopened (contain atleast 36 tests /pack)	1 pack	6
43	Benzyl Penicillin E test Strip	0.002 - 32 mcg/ml	1 pack containing 30 E strips	1 pack	6
44	Ceftriaxone E test strip	0.002 - 32 mcg/ml	1 pack containing 30 E strips	1 pack	6

45	Vancomycin E test strip	0.016 - 256 mcg/ml	1 pack containing 30 E strips	1 pack	6
46	Azithromycin E test strip	0.016 - 256 mcg/ml	1 pack containing 30 E strips	1 pack	6
47	Ciprofloxacin E test strip	0.002 - 32 mcg/ml	1 pack containing 30 E strips	1 pack	6

**GLASSWARES & PLASTICWARES**

SL NO	NAME OF THE ARTICLE	SPECIFICATIONS	CAPACITY	QUANTITY
1	Conical flask	Borosilicate glass, conical with wide mouth, Graduated	1000 ml	2
2	Conical flask	do	500 ml	4
3	Conical flask	do	200 ml	4
4	Beaker with spout	Borosilicate glass, Griffin, low form with spouts Graduated with double graduation metric and easy to read scale	1000ml	2
5	Beaker with spout	do	500 ml	2
6	Beaker with spout	do	200 ml	4
7	Measuring cylinder	Borosilicate glass (Class A) with pour out, calibrated at 20-25 °C and should have a certificate of calibration traceable to national standards, single metric scale, hexagonal base	500 ml	2
8	Measuring cylinder	do	100 ml	2
9	Measuring cylinder	do	50 ml	2
10	Test tubes	Borosilicate glass, round bottom, without rim, thick walled, mechanically and thermally shock resistant	12 x 75 mm (5 ml)	2 packs
11	Test tubes	do	12 x 125 mm (8 ml)	3 packs
12	Test tubes	do	15 x 125 mm (13 ml)	3 packs
13	Test tubes	do	15 x 150 mm (15ml)	2 packs
14	Test tubes	do	25 x 150 mm (55 ml)	2 packs

15	Petri dish	Borosilicate glass, clear, even walled thickness and no optical aberration, and should withstand repeated sterilization	100 mm dia	200
16	Petri dish	do	80 mm dia	100
17	Petri dish	do	50 mm dia	100
18	Petri dish	Disposable (single use) molded from medical- grade virgin polystyrene petri dish for general microbiological use, optically clear, individually packed and radiation sterilized	90 mm dia	1000
19	Reagent bottles with screw cap and pouring ring	Borosilicate glass, autoclavable, mechanically strong and chemical resistant, should have screwcap and pouring ring for drip free operation	1000 ml	5
20	Reagent bottles with screw cap and pouring ring	do	500 ml	10
21	Reagent bottles with screw cap and pouring ring	do	100 ml	20
22	Centrifuge tube with cover	Polypropylene with cover and without base, graduated, autoclavable, can withstand 6000g	10 ml	100
23	Centrifuge tube with cover	do	15 ml	100
24	Glass slides	Microscope slides with ground edge, frosted at one end and one side, resistant to corrosion and fogging, devoid of air bubbles or scrape	na	50 pkts
25	Coverslip	optically flat, free from wavyness size 0 and size 1,	na	50 pkts

		dimension 24 mm X 24 mm		
26	Concavity slides	Microscope slides with single cavity, fine polished edge, resistant to corrosion and fogging, devoid of air bubbles or scrape	na	10 pkts
27	Wash bottles	Squeeze type, Screw Cap, Fitted With Stoppers And Delivery Tubes made of chemically resistant low density polyethylene, Flexible, tough, light weight, Squeezing the bottle produces a steady controllable stream or a few drops,	500 ml	20
28	Diamond tipped pencil	Diamond tipped slide etching pencil with plastic or wooden handle	na	2
29	Staining trough with rack	Made of Stainless steel or Plastic, chemical resistant, easily washable, bar rack that can hold minimum 20 slides at a time	na	10
30	Dropping bottles for stains	Made of low density polyethylene .Squeezing the bottle produces a steady controllable stream or a few drops	60 ml	20
31	Mc Cartney bottles	Made of neutral glass and autoclavable, Neutral Glass. Leak-proof clear glass bottle. With aluminium screw cap with rubber liner.	30 ml	100
32	Mc Cartney bottles	do	100 ml	50

33	Test tube rack	Made of polypropylene, autoclavable, Three tiered design	internal dia 13 mm	10
34	Test tube rack	do	internal dia 16 mm	10
35	Test tube rack	do	internal dia 25 mm	10
36	Standardized loop with handle	Changeable nichrome loop with nichrome wire embedded in Brass rod with heat resistant handle	4mm	5
37	Standardized loop with handle	do	2 mm	5
38	Nichrome loop	Double wound nichrome loop. Calibrated to 0.01 ml.	4mm	25
39	Nichrome loop	Double wound nichrome loop. Calibrated to 0.005 ml.	2mm	25
40	Nichrome loop	Double wound nichrome loop. Calibrated to 1 µl	1.3 mm	25
41	Standardized loop disposable	Disposable Loops made from nontoxic (USP Class VI) polystyrene material to provide a smooth loop surface, Radiation sterilized, individually packed, Liquid adherence properties that prevent accidental discharge of droplets, should meet semi-quantitative standard for handling samples	4 mm diameter , 10 µl	1000
42	Sterile Swab stick	cotton swabs With wooden stick, Individually packed. And gamma irradiated	na	1000
43	Micro centrifuge tubes (autoclavable)	Polypropylene tubes with lid latch , autoclavable,	2 ml	1000

		thermal and chemical resistant		
44	Durham's tube	Neutral Glass autoclavable ,Glass is very clear and transparent. ,The edges are properly polished and smooth. ,The bottoms of these tubes should be rounded	5mm x 25 mm	1000
45	Coplin jar	Made of Polypropylene or polyethylene, autoclavable, can holds 5 single 1" x 3" slides or 10 back-to-back slides vertically, Slides should extend above the opening allowing for the manipulation of them without the use of forceps, domed screw on cap, should have a wide base for better stability	na	20
46	Filter paper sheets	Whatman Grade 1	580 x 680 mm	100
47	Parafilm	semi-transparent, self sealing, flexible, thermoplastic, and highly waterproof sheet material	2" x 250	2 roll
48	Parafilm	semi-transparent, self sealing, flexible, thermoplastic, and highly waterproof sheet material	4" x 250	2 roll
49	Sterilization Indicator tape for autoclave	should indicate completion of sterilization process by changing its colour, high quality pressure sensitive adhesive to withstand high temperature, should Easily removed with no sticky	1" x 500	3 rolls

		residue		
50	pH paper	made with special indicator dyes that change color at specified pH value, pH range 6.5 - 9.0		10 pkts
51	pH paper	made with special indicator dyes that change color at specified pH value, pH range 3.5 - 6.0		10 pkts
52	Freeze tag, white label	25 X 13 mm similar dimensions, high quality adhesive, should withstand -70 degree centigrade,		1 pkt containing 1000 labels
53	Cryogenic permanent Marker	water resistant, smudge free, 0.6 mm		2 nos
54	Antibiotic zone measuring scale	Should measure inhibition zone size of antibiotic discs, compact size.	200 mm x 95 mm	3 nos
55	Glass rod	autoclavable glass rod	250 mm	10 nos
56	Magnifying glass with light	Hand held, 4" diameter, LED illuminated, High quality lens, devoid of chromatic aberration, atleast 30X magnification		3 nos
57	Transperent, autoclavable disposable bag	Superior strength polypropylene bag, are free from chlorine, transperent, can be steam sterilized,	20" x 14"	2 pkts each containing 1000 pcs.

**LIST OF CHEMICALS, KITS AND CONSUMABLES FOR DEPARTMENT OF BIOCHEMISTRY**

FULLY ANALYZER (TRANSASIA) EM- 200 AND EM - 360			ANNUAL
S. N.	PRODUCT NAME	PACK SIZE	QUANTITY ( may be increased as per requirement)
1.	ALBUMIN	10*44ml	12
2.	ALKALINE PHOSPHATASE	2*44/ 2*11 ml	12
3.	AMYLASE	5*22ml	4
4.	BILIRUBIN DIRECT	6*44/3*22 ml	12
5.	BILIRUBIN TOTAL	6*44/3*22 ml	12
6.	CALCIUM(A)	10*12 ml	05
7.	ENZYMATIC CREATININE	5*30/5*10 ml	24

8.	CHOLESTEROL	10*44 ml	12
9.	CK NAC	2*44/2*11 ml	2
10.	CK MB	2*44/2*11 ml	2
11.	ERBA AUTO WASH	10*100 ml	12
12.	GGT	2*44/2*11 ml	2
13.	GLUCOSE	10*44 ml	24
14.	DIRECT HDL	4*30/4*10 ml	6
15.	LDH-P	2*44/2*11 ml	2
16.	DIRECT LDL	2*30/2*10 ml	6
17.	MAGNESIUM	2*44 ml	2
18.	PHOSPHOROUS	10*12 ml	2
19.	LIPASE LSR	1*44/1*11 ml	2
20.	SGOT EL	6*44/3*22 ml	12
21.	SGPT EL	6*44/3*22 ml	12
22.	TOTAL PROTEIN	10*44 ml	12
23.	TRIGLYCERIDE	5*44/5*11 ml	12
24.	UREA	5*44/5*11 ml	24
25.	URIC ACID	5*44/5*11 ml	5
26.	XL MULTICAL	4*3 ml	4
27.	XL AUTO WASH (AC/AL)	5*44/5*11 ml	6
28.	XL HbA1C WITH CALIBRATOR	2*15/2*5/0.5 ml R3-2*44 ml	6
29.	HbA1C CONTROL H	1*0.25 ml	1
30.	HbA1C CONTROL L	1*0.25 mL	1
31.	ADA WITH CALIBRATOR	1*18/1*10/1*1 ml	2
32.	ADA CONTROL	1*1 ml	1
33.	ERBA NORM	1*5 ml	12
34.	ERBA PATH	1*5 ml	12

**INDENT FOR SEMIANALYZER**

**ANNUAL**

S.N.	PRODUCT NAME	PACK SIZE	QUANTITY (may be decreased if completely changed to automation)
1.	GLUCOSE	3*150 ml	120 PACK
2.	UREA (END POINT)	1*75 ml	480 PACK
3.	CREATININE (PRECIPITATION)	1*140 ml	480 PACK
4.	CHOLESTEROL	1*75 ml	120 PACK
5.	TRIGLYCERIDE	1*25 ml	180 PACK
6.	HDL PRECIPITATING	1*10 ml	12 PACK
7.	TOTAL PROTEIN	1*150 ml	30 PACK
8.	ALBUMIN	1*150 ml	30 PACK
9.	URIC ACID	1*75 ml	12 PACK
10.	CALCIUM	1*75 ml	12 PACK
11.	SGOT	5*10 ml	24 PACK
12.	SGPT	5*10 ml	24 PACK
13.	ALKALINE PHOSPHATE	5*10 ml	24 PACK
14.	BILIRUBIN (TOTAL & DIRECT)	1*75 ml	60 PACK
15.	ADA	50 ml	5 PACK
16.	AMYLASE	50 ml	5 PACK
17.	LIPASE	50 ml	5 PACK
18.	ERBA PATH	1*5 ml	12 PACK
19.	ERBA NORM	1*5 ml	12 PACK
20.	EASYLYTE SOLUTION PACK Na/K/Cl	1*800 ml	24 PACK
21.	URINE DILUENT FOR EASYLYTE	200 ml	6 PACK

22.	SODIUM HYPOCHLORITE	500 ml	48 PACK
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S.N.	PRODUCT NAME	SIZE	QUANTITY
1.	MICOPIPETTE FIXED VOLUME	1000 µl	2
2.	MICOPIPETTE FIXED VOLUME	200 µl	2
3.	MICOPIPETTE FIXED VOLUME	100 µl	2
4.	MICOPIPETTE FIXED VOLUME	500 µl	2
5.	MICOPIPETTE FIXED VOLUME	50 µl	2
6.	MICOPIPETTE FIXED VOLUME	10 µl	2
7.	MICROPIPETTE VARIABLE	100-1000 µl	2
8.	MICROPIPETTE VARIABLE	5-50 µl	2
9.	MICROPIPETTE VARIABLE	10-100 µl	2
10.	MICROTIPS LARGE	1000 NOS.	12 pack
11.	MICROTIPS SMALL	1000 NOS.	100 PACK
12.	MICROPIPETTE STAND		2
13.	TEST TUBE GLASS	12*75 mm ( 100 NOS.)	10 PACK
14.	NON VACUUM BLOOD COLLECTION TUBE	13*75 mm (100 NOS)	3600
15.	FLUORIDE TUBE	13* 75 mm (100 NOS.)	3600
16.	EDTA TUBE	13* 75 mm (100 NOS.)	10 PACK
17.	TEST TUBE STAND (ALUMINIUM)	30 HOLES	3
18.	GLOVES	6 NO	100
19.	GLOVES	6.5 NO	100
20.	WASH BOTTLE	500 ml	3
21.	CENTRIFUGE TUBE CONICAL	(100 NOS)	20 PACK
22.	COTTON	BIG PACK	3600
23.	SYRINGE 5 ML	BOX OF 100	3600
24.	SYRINGE 2 ML	BOX OF 100	1800
25.	TORNIQUET		24
26.	HEPARIN VIAL	5ML	3600
27.	SPRIT	500 ml	50
28.	Syring 10 ml (DISPOVAN)	Box of 50	
29.	Syring 20 ml (DISPOVAN)	BOX OF 50	
30.	22 Gauge Needle (DISPOVAN)	BOX OF 100	
<b>SEROLOGY</b>			
1	CRP Q (1X20 CARD) SD BIOSENSOR		
2	SCRUB TYPHUS SD		
3	HBSAG RAPID CARD SD		
4	HCV RAPID CARD SD		
5	MALARIA RAPID CARD SD		
6	TAXO RAPID		
<b>ANTIBIOTICS</b>			
1	CETOTAXINE/ CLAVULATIC ACID		
2	CEFTAZIDINE/ CLAVKTANIC ACID		
3	CEFTRIAZONE / SULBACTANE		
4	CLARITHROMYCIN		
5	ERTAPENEM		
6	GENIFLOXACIN		
7	MAXIFLOXACIN		
<b>BIOCHEMISTRY</b>			
1	FI4 FIA (1X20)		
2	TSH FIA SD		
3	B-HCG FIA SD		
4	D-DIMER SD		