

# All India Institute of Medical Sciences Bathinda (Punjab)

Mandi Dabwali Road,  
Bathinda, Punjab-151001



## **Tender for Rate contract of Consumables of Department of Microbiology**

|                             |   |                      |
|-----------------------------|---|----------------------|
| Ref. No.                    | : | AIIMS/BTI/Tender/100 |
| Publishing Date             | : | 23/12/2023 12:00 PM  |
| Pre-Bid Meeting             | : | 01/01/2024 03:00 PM  |
| Bid Submission Start Date   | : | 23/12/2023 12:00 PM  |
| Last Date of Bid Submission | : | 15/01/2024 12:00 PM  |
| Bid Opening                 | : | 16/01/2024 12:00 PM  |

Tender documents may be downloaded from institute's web site [www.aiimsbathinda.edu.in](http://www.aiimsbathinda.edu.in) (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app>

Email: [procurement@aiimsbathinda.in](mailto:procurement@aiimsbathinda.in)

## TENDER NOTICE

**Procurement of Tender for Consumables of  
Department of Microbiology  
at AIIMS, Bathinda,  
Mandi Dabwali Road, Bathinda, Punjab-151001**

1. E-tenders in Two Bids (Technical & Financial) are invited on behalf of the Executive Director, All India Institute of Medical Sciences, Bathinda from interested and eligible manufacturer or their authorized distributors/dealers, for providing **Tender for Consumables of Department of Microbiology at AIIMS Bathinda** for a period of two years further extendable upto 01 years.

2. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.

3. The complete bidding process is online. Bidders should be in possession of valid digital Signature Certificate (DSC) for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. For any assistance for e-bidding process, if required, bidder may contact to the helpdesk at 0120-4001 002.

4. Tenderer/Contractor/Bidders are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>'.

5. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

6. Hard Copy of Bid security declaration tender fee and documents for technical bid etc. must be delivered to AIIMS, Bathinda on or before last date/time of Bid Submission as mentioned above. The bid with Financial bid will be summarily rejected.

7. The tender shall be submitted online in two part, viz., technical bid and financial bid. All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

**The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.**

8. Any future clarification and/or corrigendum(s) shall be communicated through <https://eprocure.gov.in/eprocure/app> or through our website: [www.aiimsbathinda.edu.in](http://www.aiimsbathinda.edu.in). The bidders are required to regularly check the website to know about any/all such corrigendum(s) as only these bids, taking care of such corrigendum(s) shall be considered for finalization of the tender.

9. Bidder should necessarily enclose a covering letter mentioning a summary of applied document with proper numbering. Secondly, bid should also attach a compliance sheet as per specification mentioning that they are complying to all specification or have any variation.

10. The pre bid conference would be held through video conferencing. Interested firms are requested to share their details through email for video conferencing before the date and time of the conference. All firm's representative who are attending the pre bid meeting, shall produce an authorization letter from their firm on the firm's letter head. They are required to put their query in writing before the committee and submit the same in writing on its letter head. The query may also be submitted through email on [procurementcellaiimsbti@gmail.com](mailto:procurementcellaiimsbti@gmail.com).

11. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory. In case the tenders are signed by the Authorized signatory, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected outrightly.

12. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filed up carefully by the tenderer. All corrections in this schedule must be duly attested by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

13. **Bid Security:** - (i) The bidder shall pay the respective amount of Bid security (EMD) of Rs.97400/- through SBI Collect Payment Gateway link on AIIMS Bathinda official website [www.aiimsbathinda.edu.in](http://www.aiimsbathinda.edu.in) or through this link - <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=2322756>.

14. Bidders are not allowed to submit more than one bid for the same/similar tendered item else all his bids shall be cancelled thereby making him disqualified in addition blacklisted for participating in future tenders by AIIMS Bathinda.

15. The successful bidders have to execute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) within twenty-one (21) days from the date of award of this tender in his favour and also required to furnish the **Security Deposit equals to 10% of the contract value** in the form of FD/BG/TD/CD for **60 days extra of the contract period** from any Nationalised/Schedule bank duly pledged in favour of “Executive Director AIIMS Bathinda” & payable at Bathinda only. The EMD deposited by successful bidder may be adjusted towards Security Deposit as demanded above after its validation for the required period. If the successful bidder fails to furnish the full security deposit or difference amount between Security Deposit and EMD within 21 (twenty-one) days after the issue of **Letter of Award** of Work, his bid security (EMD) shall be forfeited and award of tender in suppliers favour automatically stands terminated at his cost & liability, unless time extension has been granted by AIIMS, Bathinda.

16. The needful action will be taken if successful bidder fails to supply the goods/equipment in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.

17. The bid shall be valid and open for acceptance by the competent authority of AIIMS Bathinda for a period of 180 (one hundred eighty) days from the published date of opening of the tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained. The unilateral withdraw at any stage will cause forfeiture of EMD in addition to any remedy that the purchaser may have under the law.

18. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for Clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.

19. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions of the contract and who has quoted the lowest rate as per financial bid after complying with the all the Acts / provisions stated / referred to for adherence in the tender.

20. The competent authority of AIIMS, Bathinda reserves all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any administrative term and condition/specifications of the tender enquiry after due discussion in pre-bid conference. This will be communicated and shown over the website of the Institute. No representation will be considered after pre-bid meeting and **bidders may ensure its queries only in pre-bid meeting**. AIIMS, Bathinda also reserves the right to reject any bid which in his opinion is non-responsive or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.

21. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.

22. The tender form is not transferable.

23. Canvassing in any form is strictly prohibited and the tenderers who are found canvassing are liable to have their tenders rejected out rightly.

24. It is required by all concerned, namely the Bidders/Suppliers, as the case may be to observe highest standard of ethics during the procurement and execution of this Tender.
25. Installation at consignee's site should be free of cost immediately on arrival of equipment at consignee's site (for equipment).
26. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged in addition to the cost of re- tender. The supplier is required to provide the demonstration of equipment at AIIMS premises to the AIIMS representatives for its evaluation as per the specification & desired functionality standard. However, a submission of videography displaying functionality as per tender specification may also be considered by the AIIMS, representative.
27. It must be mentioned clearly whether bidder is a manufacturer/sole distributor/ sole agent for the items for which he is quoting.
- a. **Manufacturer** must add a certificate that item(s) is manufactured by them as per range of products.
  - b. **Sole Manufacturers** must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufactures that the Rates quoted are the same as they quote to other State/Centre Govt./reputed Private organization and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
  - c. **Authorized agents** must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals signed by a competent person and comes in proforma given in attach must duly supported by a notarized affidavit on Indian Non-Judicial Stamp Paper of Rs.100/- (Rupees One Hundred only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.
28. In case the bidder on whom the supply order has been placed, fails to make supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Bathinda) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and action will be taken as per bid security declaration.
29. The bidders should have furnished a copy of GST registration number, the State / U.T. of registration and the date of such registration. Tenders not complying with this condition will be rejected.
30. **Turnover provisions:** - (i) The tenderers should submit along with the tender, a photo state copy of the last three years Annual Accounts with Audit certificate by Chartered Accountant, Income Tax returns and a copy of current valid income tax clearance certificate (IT CC ), otherwise bidder will not be considered for administrative evaluation (in evaluation of Technical bid) and will be declared **disqualified** in technical evaluation.
- (ii) In case of bidder falls under Section 44AD/44ADA/44AE of Income Tax shall be required to submit turnover certificate verified by Chartered Accountant with his Registration number issued by Institute of Chartered Accountants of India.
  - (iii) In case of supplier is an Indian Agent, the firm can submit copies of purchase orders issued in favour of firm (*As the payment is made through LC directly to foreign manufacturer and equipment payment does not exist in the book of account of the supplier*) in support to its turnover whatever amount is getting short.
31. **Sample/demonstration:** - In case, the item required prior submission of sample/ performing demonstration, tenderer will have to submit sample/perform demonstration of the equipment/item to the competent authority of the institute, the bidder will have to born all the expenses for the same. Non submission of sample/non performing demonstration will **disqualify** the bidder in the technical bidding process and financial bid of the bidder will not be

opened.

32. The tenderer hereby guarantees that the equipment/consumable supplied to the Institute (purchaser) under the Contract shall be of the best quality/latest version and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/ mentioned in the Tender Document. The kits/consumables at the time of receiving should have minimum 6 months shelves life (expiry). The tenderer will have further guarantees that the said equipment/consumable would continue to conform to the description and quality aforesaid for a period of five (5) years guarantee period (as per MoH&FW guidelines), from the date of installation of the said equipment/consumable to the purchaser and notwithstanding the fact that the Purchaser (Inspector) may have inspected and /or approved the said equipment, if during the aforesaid period of five years the said equipment/consumable be discovered not to conform to the description and quality as required as per specification or not giving satisfactory performance or have deteriorated, the decision of the Purchaser in that behalf shall be final and binding on the tenderer and the Purchaser shall be entitled to call upon the tenderer to rectify/replace the equipment/consumable or such portion there of as is found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on/an application made thereof by the tenderer and in such an event, the above mentioned warranty period shall apply to the equipment/consumable replaced from the date of replacement thereof. In case of failure of the tenderer to rectify or replace the equipment/consumable, within specified time, the purchaser shall be entitled to recover the cost with all expenses from the tenderer for such defective equipment.

33. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender, failing which, the tender will not be considered. The tenderer must also mention whether the goods are imported / indigenous. Descriptive literature / catalogues must be attached with the tender in original, failing which, tender may be disqualified.

34. **Force Majeure:** Any failure or omission to carryout of the provisions of this supply by the supplier shall not give right for any claim by supplier and purchaser to one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any statistics and or requisitions of the Government lockout and Strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure. Any delay due to Force Majeure will not be attributable to the either of the parties.

35. The equipment installed should be up for 95% of the total warranty time. If the equipment is down for more than 5% suitable action shall be taken against the supplier including imposition of penalty as deemed fit.

36. If there is a close system the tenderer shall ensure and will have to submit an affidavit on Indian Non Judicial stamp paper of Rs.100/- along with technical bid that spare parts and consumables for these equipment's/instruments/item will be available at reasonable fixed rates for next 10 (ten) years, such rates should not be more than the rates supplied to institutes of national importance.

37. The successful Bidder shall at all times agree to indemnify and keep indemnified the purchaser against all losses, damages which may arise in respect of action/inactions of such Bidder or breach of any term of this tender by such Bidder. All claims regarding indemnity shall survive the termination of the contract with such Bidder.

38. In case the vendor fails to supply the spare parts or fails to provide the agreed maintenance during the prescribed period, as per the terms of contract, the purchaser is automatically entitled to procure the required parts and hire services from the market at the risk and cost of the vendor, such inability of bidder will entail forfeiture the security deposit. The purchaser also reserves the right to terminate the contract on immediate notice, if the vendor fails to comply with this clause for more than one instance.

39. **Liquidated damage/demerge:** - The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be the essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply at the cost & liability of the supplier. In such a case, bid security of the supplier shall stand forfeited. The supply of equipment must be in single consignment, inclusive of all parts & accessories in adherence to the specification so as to make the equipment fully functional at the time of the installation. No installation repeat shall be signed in case of absence of any part as per the

specification.

40. **Legal Jurisdiction:** -The Courts at Bathinda alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.

**Applicable Law:**

41. The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings /processing.

42. Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Bathinda/Chandigarh, Punjab India only.

43. Except as otherwise provided under this Contract for immediate termination of the Contract, in the event of a disputes which may be arising out of the execution of the tender contract, the matter will be referred to the Deputy Director (Administration). Appeal against the decision of the DDA will lie to the Director, AIIMS Bathinda and his decision shall be final and binding upon both the parties.

I / We hereby accept the terms and Conditions given in the tender

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*(Signature & Stamp of the bidder)*

*Note- Please sign each page of document including terms & conditions & tender*



**(B) Financial terms and conditions**

1. Rates are strictly required to be offered/quoted on the prescribed “**Financial Bid format**”. Financial bid submitted without prescribed format may not be considered and will be deemed improper subject to the condition that there is a requirement to mention other item which are not mentioned in the said format.
2. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, postage and transportation charges at for AIIMS Bathinda (Site of installation/Use).
3. The supplier has to submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.100/- that the bidder has not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier and any excess payment if any, will become immediately payable to the AIIMS, Bathinda. If such affidavit is not submitted, tender will be out rightly rejected. **(Part of technical bid)**
4. If the price of the contracted articles is/ are controlled by the Government, in no circumstances the payment will be higher than the controlled rate.
5. Tender will be regarded as constituting an offer open to acceptance in whole or in part at the discretion of the competent authority of the institute for a period of 180 days (6 months) valid from the date of opening of the tender by the committee.
6. Order shall be issued for tentative annual requirement on actual need basis. Bills in triplicate for the items supplied by the selected firm(s), should be raised for payment. Payment shall be released after it is ensured that the items/quantity and quality of items supplied are to the entire satisfaction of this office and accepted. If any item is found to be defective, or not of the desired quality, the same shall be replaced immediately, for which no extra payment shall be made by AIIMS, Bathinda.
7. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.
8. **Tender Currencies:** The bidders are required to quote in Indian Rupees only.
9. **GST:** - If a bidder asks for GST to be paid extra, the rate and nature of tax applicable should be shown separately. The GST will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to GST and is payable as per the terms of the contract.
10. **Payment terms:** - The payment will be made after satisfactory delivery and inspection of the ordered consumables. Advance payment shall not be made under any circumstances. The payment shall be made to the supplier’sA/C through NEFT/RTGS mode as per the details provided by the supplier.

NO DEMURRAGE / WHARFAGE CHARGES WILL BE PAYABLE BY THE INSTITUTE UNDER ANY CIRCUMSTANCES. NO ADVANCE PAYMENT WILL BE PAYABLE FOR CUSTOM CLEARANCE/ FREIGHT/INSURANCE ETC

**Note: In case of any dispute regarding award of tender, decision of AIIMS Administration would be final.**

I / We hereby accept the terms and Conditions given in the tender

*(Signature & Stamp of the bidder)*

*Note- Please sign each page of document including terms & conditions & tender*

**TECHNICAL BID**  
**(Documents to be attached in the “Technical Bid”)**

|   |  |
|---|--|
| 1. Name & Address of the manufacturer and their authorised dealers/ distributors/Agency with phone number, email, name and telephone/mobile   |  |
| 2. Specify your firm/company is a manufacturer/ authorised dealer/ distributor/ Agency  |  |
| 3. Whether the signature on each page has been made by the bidder or not.   |  |
| 4. Name, Address & designation of the authorized person (Sole proprietor/partner /Director)   |  |
| 5. Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof.  |  |
| 6. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs. 100/- that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in last one year. If you don't fulfil this criteria, your tender will be out rightly rejected.   |  |
| 7. Please attach copy of last three years of Income Tax Return  |  |
| <b>8. Turnover</b><br>a. Please attach balance sheet (duly certified by Chartered Accountant) for last three (3) years (Attach copy of annual minimum turnover which should not be less than 25 lakh duly certified by the Chartered Accountant)<br>b. The bidder falls under Section 44AD/44ADA/44AE of Income Tax Act shall be required to submit turnover certificate verified by Chartered Accountant with his Registration number issued by Institute of Chartered Accountants of India.<br>c. Indian Agent can submit its copy of POs of LC cases, in support of its amount getting short in required turnover.<br>d. Start-ups may submit its Start-up Registration for consideration (Relaxation in turnover can be considered as the case may be, subject to fulfilment of other conditions. However, it will not mandatory) |  |
| 9. PAN No. (Please attach copy)   |  |
| 10. GST Registration Number. (Please attach copy)   |  |
| 11. Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. Otherwise, your tender will be rejected.   |  |
| 12. Power of Attorney/authorization for signing the bid documents (Not required in case of sole-proprietorship.)  |  |
| 13. Please submit a notarized affidavit on Indian Non judicial stamp paper of Rs. 100/- that no case is pending with the police against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner.   |  |
| 14. Please declare that proprietor/firm/company has never been black listed/debarred by any organization. An oath certificate to this effect may be enclosed on Rs.100 notarized stamp paper.   |  |
| 15. Please submit two performance certificate from your two different customers to whom you have supplied such type of consumables in previous 3 years  |  |
| 16. Affidavit on Indian Non-Judicial Stamp Paper of Rs.100/- that the bidder has not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier and any excess payment if any, will become immediately payable to the AIIMS, Bathinda   |  |
| 17. Details of EMD Submitted  |  |
| <p>18. Tender fee Rs. 1180/- should be deposited through SBI Collect Payment Gateway link on AIIMS Bathinda official website <a href="http://www.aiimsbathinda.edu.in">www.aiimsbathinda.edu.in</a> or through this link - <a href="https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=2322756">https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=2322756</a>.<br/>No Tender fee will be accepted offline. Incomplete tender in any respect shall be summarily rejected.</p>   |  |



### **Undertaking**

1. I/We have read and understood the contents of the Tender and agree to abide by the terms and conditions of this Tender.
2. I/We shall supply the items of requisite quality and quantity at given rate in timely manner.
3. I/We also confirm that in the event of my/our tender being accepted, I/we hereby undertake to furnish within 15 days, Bank Guarantee/ Performance Security after the issue of Purchase Order, as applicable, in the format to be provided by AIIMS Bathinda in addition to execution of a contract as pre-condition for obtaining the supply orders.
4. I/We further undertake that none of the Proprietor/Partners/Directors of the firm was or is Proprietor or Partner or Director of any firm with whom the Government have banned /suspended business dealings. I/We further undertake to report to the AIIMS Bathinda immediately after we are informed but in any case, not later 15 days, if any firm in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such a firm which is banned/suspended in future during the currency of the Contract with you.
5. I/We undertake that the information given in this tender are true and correct in all respect and I/We hold the responsibility for the same.

(Signature of the Bidder)

Name:

Designation with Seal of the Firm:

**MANUFACTURER'S / PRINCIPAL'S AUTHORIZATION FORM**

(Clause 11 (c) of **other terms and conditions** of the tender)

To

The Administrative Officer,  
All India Institute of Medical Sciences  
Bathinda

Dear Sir,

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

we, \_\_\_\_\_, who are established and reputable manufacturers of \_\_\_\_\_, having factories at \_\_\_\_\_ and \_\_\_\_\_, hereby authorize Messrs. \_\_\_\_\_ (*name and address of agents*) to bid, negotiate and conclude the contract with you against Tender No. \_\_\_\_\_ for the above goods manufactured by us.

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

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

Yours faithfully,

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

**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY/ CMC  
SECURITY**

To

**Executive Director**

All India Institute of Medical Sciences  
Bathinda,  
Mandi Dabwali Road,  
Bathinda (Punjab)-249201

WHEREAS \_\_\_\_\_(Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no \_\_\_\_\_dated \_\_\_\_\_to supply (description of goods and services) (herein after called “the contract”). AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognised by you for the sum specified therein as security for compliance with its obligations in accordance with the contract; AND WHEREAS we have agreed to give the supplier such a irrevocable bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you unconditionally, on behalf of the supplier, up to a total of. \_\_\_\_\_(Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of you to first demanding the said amount of guarantee from the supplier before raising the demand with us. You may directly raise the demand with us, without asking the supplier for the same.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee will not be changed due to change in the constitution of the bank or the supplier.

This guarantee shall be valid up to 65 months from the date of satisfactory installation of the equipment i.e. up to --  
----- (indicate date).

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

.....  
Name and designation of the officer

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

## **Instruction for Online Bid Submission**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

### **REGISTRATION**

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **SEARCHING FOR TENDER DOCUMENTS**

- There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **PREPARATION OF BIDS**

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

- Please note the Number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG Tender No.: ..... formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

## **SUBMISSION OF BIDS**

- Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- Bidder should prepare the Bid Security Declaration as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- The documents being submitted by the bidders would be encrypted using PKI encryption all techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key
- Further this key is subjected to asymmetric encryption using buyers/bid opener’s public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- On the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid Tender No. :  
.....  
summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

### **ASSISTANCE TO BIDDERS**

- Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk number 0120-4200462, 0120- 4001002



Format of Financial Bid:

## Schedule- 1

| S.No | General items<br>Item Name                       | Pack Size    | Tentative Annual<br>requirement | Price per unit<br>without GST | GST | Total Price with GST |
|------|--|--------------|---------------------------------|-------------------------------|-----|----------------------|
| 1.   | SODIUM CHLORIDE, analytical reagent              | 500 g / pack | 4                               |                               |     |                      |
| 2.   | Hydrogen Peroxoid 30%                            | 500 ml       | 2                               |                               |     |                      |
| 3.   | NITRATE A REAGENT (sulphanilic acid)             | 100 ML       | 2                               |                               |     |                      |
| 4.   | NITRATE B REAGENT (Alpha naphthylamine)          | 100 ML       | 2                               |                               |     |                      |
| 5.   | Kovacs indole reagent                            | 100 ml       | 18                              |                               |     |                      |
| 6.   | Ferric Chloride solution for PDA test            | 125 ml       | 5                               |                               |     |                      |
| 7.   | Sodium Hydroxoid (pellets)                       | 500 g / pack | 2                               |                               |     |                      |
| 8.   | Phenol Red Indicator                             | 125 ml       | 2                               |                               |     |                      |
| 9.   | pH Paper Indicator                               | 1 pack (200) | 4                               |                               |     |                      |
| 10.  | pH Paper Indicator                               | 1 pack (200) | 1                               |                               |     |                      |
| 11.  | pH Paper Indicator                               | 1 pack (200) | 1                               |                               |     |                      |
| 12.  | pH Paper Indicator                               | 1 pack (200) | 1                               |                               |     |                      |
| 13.  | Universal Indicator Solution PH 4.0 to 11.0      | 500 ml       | 1                               |                               |     |                      |
| 14.  | Gram Stain Crystal violet                        | 125 ml       | 150                             |                               |     |                      |
| 15.  | Gram Stain Iodine                                | 125 ml       | 150                             |                               |     |                      |
| 16.  | Grams Stain Saffranin                            | 125 ml       | 150                             |                               |     |                      |
| 17.  | Acetone (500 ml)                                 | 125 ml       | 50                              |                               |     |                      |
| 18.  | Acetone (2.5 Ltr) analytical reagent $\geq 99\%$ | 2.5 lit      | 4                               |                               |     |                      |
| 19.  | Albert Stain A                                   | 1 x 125 ml   | 20                              |                               |     |                      |
| 20.  | Albert Stain B                                   | 1 x 125 ml   | 20                              |                               |     |                      |
| 21.  | Lactophenol Cotton Blue                          | 1 x 100 ml   | 15                              |                               |     |                      |
| 22.  | Potassium Hydroxoid dehydrated                   | 500 g / pack | 4                               |                               |     |                      |
| 23.  | Carbol Fuschin                                   | 125ml        | 50                              |                               |     |                      |
| 24.  | Methylene Blue Solution                          | 125 ml       | 50                              |                               |     |                      |
| 25.  | Sulphuric Acid (Conc.) analytical reagent        | 500ml        | 4                               |                               |     |                      |
| 26.  | MALACHITE GREEN SOLUTION                         | 500 ml       | 12                              |                               |     |                      |

|     |  |                             |     |  |  |  |
|-----|--|-----------------------------|-----|--|--|--|
|     | 1%   |                             |     |  |  |  |
| 27. | Lugol's Iodine                                 | 125 ml                      | 20  |  |  |  |
| 28. | Formalin                                       | 5 lit                       | 2   |  |  |  |
| 29. | Ether (DIETHYL) (analytical reagent),          | 500 ml                      | 1   |  |  |  |
| 30. | Methanol, acetone free, analytical reagent     | 2.5 ltr                     | 6   |  |  |  |
| 31. | Anaero gas pack 1.5l                           | pack of 5                   | 100 |  |  |  |
| 32. | Anaero indicator tablet                        | pack of 10                  | 10  |  |  |  |
| 33. | Methyl Red Indicator                           | 125 ml                      | 1   |  |  |  |
| 34. | Neutral red indicator                          | 125 ml                      | 1   |  |  |  |
| 35. | Andrade's indicator                            | 125 ml                      | 1   |  |  |  |
| 36. | Bromothymol blue indicator                     | 125 ml                      | 1   |  |  |  |
| 37. | Bromocresol purple                             | 125 ml                      | 1   |  |  |  |
| 38. | Phenolphthaline (0.1% W/V)                     | 125 ml                      | 1   |  |  |  |
| 39. | Barritt's reagent A                            | 100 ml                      | 2   |  |  |  |
| 40. | Barritt's reagent B                            | 100 ml                      | 2   |  |  |  |
| 41. | Liquid Paraffin oil, heavy                     | 500 ml                      | 12  |  |  |  |
| 42. | Cedarwood oil                                  | 30 gm                       | 25  |  |  |  |
| 43. | Hydrochloric acid, laboratory reagent          | 500 ml                      | 4   |  |  |  |
| 44. | Glycerol                                       | 500 ml                      | 10  |  |  |  |
| 45. | McFarland set                                  | 1 pack (of 0.5, 1, 2, 3, 4) | 4   |  |  |  |
| 46. | Autoclavable disposable bag- 12x10 inches, 18% | 1000 per pack               | 6   |  |  |  |
| 47. | Autoclavable disposable bag 10x6 inches        | 1000 per pack               | 6   |  |  |  |
| 48. | Autoclavable disposable bag 11x7 inches        | 1000 per pack               | 6   |  |  |  |
| 49. | Sodium taurocholate                            | 500 gm                      | 1   |  |  |  |
| 50. | D-(+)-Glucose, Anhydrous                       | 100 gm/pack                 | 2   |  |  |  |
| 51. | D- Mannitol                                    | 25 gm/pack                  | 2   |  |  |  |
| 52. | Maltose monohydrate                            | 100 gm/pack                 | 2   |  |  |  |
| 53. | D- (+)-Trehalose dihydrate                     | 100 gm/pack                 | 2   |  |  |  |
| 54. | D-Xylose                                       | 25 gm/pack                  | 2   |  |  |  |
| 55. | Sucrose  | 500 gm/pack                 | 2   |  |  |  |
| 56. | Malonic acid                                   | 250 gm/pack                 | 2   |  |  |  |
| 57. | Sodium phosphate dibasic, anhydrous            | 100 gm                      | 1   |  |  |  |

|     |  |        |   |  |  |  |
|-----|--|--------|---|--|--|--|
| 58. | Potassium dihydrogen phosphate               | 500 gm | 1 |  |  |  |
| 59. | Chromium Trioxid -500gm                      | 500 gm | 1 |  |  |  |
| 60. | Sodium thiosulphate anhydrous                | 500gm  | 1 |  |  |  |
| 61. | Hexamine, Analytical reagent                 | 500 gm | 1 |  |  |  |
| 62. | Silver nitrate, Laboratory reagent grade 10G | 10 gm  | 1 |  |  |  |
| 63. | Borax, analytical reagent                    | 500 gm | 1 |  |  |  |
| 64. | Light Green                                  | 25 GM  | 1 |  |  |  |
| 65. | Gold (III) Chloride trihydrate               | 1 GM   | 1 |  |  |  |
| 66. | N-Acetyl-L-cysteine                          | 10 GM  | 1 |  |  |  |
| 67. | Urea   | 500 GM | 1 |  |  |  |
| 68. | Calcofluor White                             | 5 GM   | 1 |  |  |  |

Schedule- 2

| S.No | General items<br>Item Name  | Pack Size  | Tentative Annual<br>requirement | Price per unit<br>without GST | GST | Totat Price with GST |
|------|-----------------------------|--|---------------------------------|-------------------------------|-----|----------------------|
| 1.   | Ampicillin antibiotic disk  | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |
| 2.   | Cefoxitin antibiotic disk   | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |
| 3.   | Aztreonam antibiotic disk   | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |
| 4.   | Cefotaxime antibiotic disk  | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |
| 5.   | Ceftazidime antibiotic disk | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |
| 6.   | Cefepime antibiotic disk    | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |
| 7.   | Ceftriaxone antibiotic disk | 1 pack contains 5<br>containers, each<br>containing 50 disks | 10                              |                               |     |                      |

|     |   |  |    |  |  |  |
|-----|---|--|----|--|--|--|
| 8.  | Cefoperazone + Sulbactam antibiotic disk  | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 9.  | Piperacillin + Tazobactam antibiotic disk | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 10. | Ampicillin + Sulbactam antibiotic disk    | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 11. | Amikacin antibiotic disk                  | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 12. | Netilmicin antibiotic disk                | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 13. | Tobramycin antibiotic disk                | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 14. | Gentamicin antibiotic disk                | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 15. | HLAR Gentamicin antibiotic disk           | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 16. | Ciprofloxacin antibiotic disk             | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 17. | Levofloxacin antibiotic disk              | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 18. | Norfloxacin antibiotic disk               | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 19. | Nalidixic antibiotic disk                 | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 20. | Erythromycin antibiotic disk              | 1 pack contains 5 containers, each                     | 10 |  |  |  |

|     |   |  |    |  |  |  |
|-----|---|--|----|--|--|--|
|     |   | containing 50 disks                                    |    |  |  |  |
| 21. | Clindamycin antibiotic disk                         | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 22. | Azithromycin antibiotic disk                        | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 23. | Imipenem antibiotic disk                            | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 24. | Meropenem antibiotic disk                           | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 25. | Ertapenem antibiotic disk                           | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 26. | Trimethoprim-sulfamethoxazole (SXT) antibiotic disk | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 27. | Vancomycin antibiotic disk                          | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 28. | Teicoplanin antibiotic disk                         | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 29. | Linezolid antibiotic disk                           | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 30. | Tetracycline antibiotic disk                        | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 31. | Doxycycline antibiotic disk                         | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 32. | Minocycline antibiotic disk                         | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 33. | Tigecycline antibiotic disk                         | 1 pack contains 5                                      | 10 |  |  |  |

|     |                                 |  |    |  |  |  |
|-----|---------------------------------|--|----|--|--|--|
|     |                                 | containers, each containing 50 disks                     |    |  |  |  |
| 34. | Chloramphenicol antibiotic disk | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 35. | Nitrofurantoin antibiotic disk  | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 36. | Fosfomycin antibiotic disk      | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 37. | Metronidazole disk              | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 38. | Cefpodoxime disk                | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 39. | Colistin sulfate disk           | 1 pack contains 5 container41s, each containing 50 disks | 10 |  |  |  |
| 40. | Polymixin B disk                | 1 pack contains 5 containers, each containing 50 disks   | 20 |  |  |  |
| 41. | Furazolidone (Furoxone) disk    | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 42. | Bacitracin disk                 | 1 pack contains 5 containers, each containing 50 disks   | 5  |  |  |  |
| 43. | Optochin disk                   | 1 pack contains 5 containers, each containing 50 disks   | 5  |  |  |  |
| 44. | Fusidic acid disk               | 1 pack contains 5 containers, each containing 50 disks   | 10 |  |  |  |
| 45. | Amoxicillin disk                | 1 pack contains 5 containers, each containing 50 disks   | 20 |  |  |  |



|     |                               |  |    |  |  |  |
|-----|-------------------------------|--|----|--|--|--|
| 46. | Amoxy/clav disk               | 1 pack contains 5 containers, each containing 50 disks | 20 |  |  |  |
| 47. | Oxacillin disk                | 1 pack contains 5 containers, each containing 50 disks | 20 |  |  |  |
| 48. | Ceftazidime avibactam disk    | 1 pack contains 5 containers, each containing 50 disks | 20 |  |  |  |
| 49. | Pefloxacin disk               | 1 pack contains 5 containers, each containing 50 disks | 20 |  |  |  |
| 50. | Doripenem disk                | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 51. | Ticarcillin clavulanate disk  | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 52. | Piperacillin disk             | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 53. | Vancomycin E strip            | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 54. | Teicoplanin E strip           | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 55. | Ciprofloxacin E strip         | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 56. | Linezolid E strip             | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 57. | Ceftazidime avibactam E strip | 1 pack   | 10 |  |  |  |
| 58. | Chloramphenicol E strip       | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 59. | Fosfomycin E strip            | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 60. | Aztreonam E strip             | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 61. | Colistin E strip              | 1 pack, each contains 10 strips                        | 10 |  |  |  |
| 62. | Cefixime disk                 | 1 pack contains 5 containers, each                     | 10 |  |  |  |

|     |                                       |  |    |  |  |  |
|-----|---------------------------------------|--|----|--|--|--|
|     |                                       | containing 50 disks                                    |    |  |  |  |
| 63. | Cefazolin disk                        | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 64. | Colistin sulphate powder              | 1 gm   | 10 |  |  |  |
| 65. | Oxacillin resistance screen agar base | 500gm  | 10 |  |  |  |
| 66. | Vancomycin hydrochloride powder       | 1gm  | 10 |  |  |  |
| 67. | Chloramphenicol powder                | 5 gm   | 10 |  |  |  |
| 68. | Gentamicin sulphate powder            | 1 gm   | 10 |  |  |  |
| 69. | Cycloheximide powder                  | 1 gm   | 10 |  |  |  |
| 70. | Amphotericin B powder                 | 1 gm   | 10 |  |  |  |
| 71. | Caspofungin disk                      | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 72. | Fluconazole disk                      | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 73. | Voriconazole disk                     | 1 pack contains 5 containers, each containing 50 disks | 10 |  |  |  |
| 74. | Posaconazole E strip                  | 1 kit with 10 strips                                   | 10 |  |  |  |
| 75. | Anidulafungin E strip                 | 1 kit with 10 strips                                   | 10 |  |  |  |
| 76. | Amphotericin B disk                   | 1 pack contains 5 containers, each containing 50 disks | 20 |  |  |  |
| 77. | Novobiocin disk                       | 1 pack contains 5 containers, each containing 50 disks | 20 |  |  |  |

Schedule- 3

| S.No | General items<br>Item Name           | Pack Size    | Tentative Annual requirement | Price per unit without GST | GST | Total Price with GST |
|------|--------------------------------------|--------------|------------------------------|----------------------------|-----|----------------------|
| 1.   | CLED Agar with Bromothymol Blue      | 500 g / pack | 12                           |                            |     |                      |
| 2.   | Blood agar base                      | 500 g / pack | 12                           |                            |     |                      |
| 3.   | Anaerobic Blood agar base            | 500 g /pack  | 2                            |                            |     |                      |
| 4.   | Mac Conkey Agar                      | 500 g / pack | 18                           |                            |     |                      |
| 5.   | Mac Conkey Agar                      | 500 g / pack | 18                           |                            |     |                      |
| 6.   | Cation Adjusted Mueller Hinton Broth | 500 g / pack | 10                           |                            |     |                      |

|     |   |                  |    |  |  |  |
|-----|---|------------------|----|--|--|--|
|     | no.2  |                  |    |  |  |  |
| 7.  | Mueller Hinton Agar                                     | 500 g / pack     | 24 |  |  |  |
| 8.  | Nutrient Broth  | 500 g / pack     | 3  |  |  |  |
| 9.  | Nutrient Agar   | 500 g / pack     | 3  |  |  |  |
| 10. | Agar Agar Powder for Bacteriology                       | 500 g / pack     | 3  |  |  |  |
| 11. | Peptone water   | 500 g / pack     | 3  |  |  |  |
| 12. | Nitrate Broth Base                                      | 100 -500 g /pack | 2  |  |  |  |
| 13. | Mannitol motility medium                                | 100 g / pack     | 5  |  |  |  |
| 14. | Oxidase disks   | 50 discs/pack    | 30 |  |  |  |
| 15. | Glucose Phosphate Broth                                 | 500 g /pack      | 3  |  |  |  |
| 16. | Urea Agar base (Christensen)                            | 100 gm/pack      | 4  |  |  |  |
| 17. | Simmon's Citrate Agar                                   | 500 g / pack     | 2  |  |  |  |
| 18. | Triple Sugar Iron Agar IP                               | 500 g / pack     | 4  |  |  |  |
| 19. | Mannitol Salt Agar base                                 | 500 g / pack     | 8  |  |  |  |
| 20. | Bile Esculin Agar                                       | 100 g / pack     | 4  |  |  |  |
| 21. | Sabouraud's Dextrose Cycloheximide Chloramphenicol Agar | 100 g / pack     | 10 |  |  |  |
| 22. | Brain Heart Infusion Agar                               | 500 g / pack     | 10 |  |  |  |
| 23. | Robertson's cooked meat medium                          | 500 g / pack     | 4  |  |  |  |
| 24. | Sabouraud's Dextrose Chloramphenicol Agar               | 500 g / pack     | 10 |  |  |  |
| 25. | Brain Heart Infusion Broth base,                        | 500 g / pack     | 10 |  |  |  |
| 26. | Phenylalanine Deaminase Agar (PDA)                      | 500 g / pack     | 4  |  |  |  |
| 27. | Cornmeal Agar   | 500 g / pack     | 4  |  |  |  |
| 28. | Dermatophyte test Medium agar base                      | 500 g / pack     | 10 |  |  |  |
| 29. | XLD Agar (Xylose Lysine Deoxycholate agar)              | 500 g / pack     | 6  |  |  |  |
| 30. | TCBS Agar (Thiosulfate citrate bile-salt sucrose agar)  | 100 g / pack     | 12 |  |  |  |
| 31. | Brucella Agar with Haemin and vit K1                    | 500 g / pack     | 2  |  |  |  |
| 32. | Chocolate agar  | 50 plates/pack   | 24 |  |  |  |
| 33. | Thioglycollate medium fluid - 500gm                     | 500 gm/pack      | 5  |  |  |  |
| 34. | Moeller Decarboxylase Broth w/ Arginine                 | 50X5ml           | 2  |  |  |  |
| 35. | Moeller decarboxylase broth w/lysine hydrochloride      | 50X5ml           | 2  |  |  |  |
| 36. | Moeller decarboxylase broth w /ornithine                | 50X5ml           | 2  |  |  |  |

|     |  |                |    |  |  |  |
|-----|--|----------------|----|--|--|--|
| 37. | Moeller decarboxylase broth base                   | 500 GM         | 2  |  |  |  |
| 38. | OF media (Hugh Leifson medium)                     | 500 gm/pack    | 4  |  |  |  |
| 39. | Deoxycholate citrate agar                          | 500 gm/pack    | 6  |  |  |  |
| 40. | Selenite Broth ( Selenite F Broth) - 500gm         | 500 gm/pack    | 3  |  |  |  |
| 41. | Alkaline peptone water-100 gm                      | 100 gm/pack    | 4  |  |  |  |
| 42. | Dichloro-Rose Bengal Chloramphenicol Agar 500G     | 500 gm/pack    | 2  |  |  |  |
| 43. | Mueller Hinton Agar 2% Glucose with methylene blue | 500 gm/pack    | 4  |  |  |  |
| 44. | RPMI-1640 with L-glutamine and sodium bicarbonate  | 500 ml         | 5  |  |  |  |
| 45. | Loeffler serum slope slants (LM slants)            | 25 slants/pack | 5  |  |  |  |
| 46. | LJ media slants (Löwenstein-Jensen medium slants)  | 25 slants/pack | 10 |  |  |  |
| 47. | Fluid Thioglycollate Medium                        | 500 g / pack   | 5  |  |  |  |
| 48. | Bile esculin azide broth                           | 500 gm/pack    | 2  |  |  |  |
| 49. | Salmonella shigella selective agar improved        | 500 gm/pack    | 5  |  |  |  |
| 50. | Cary blair media                                   | 500 gm/pack    | 2  |  |  |  |
| 51. | Amies transport medium with charcoal               | 10 tubes/pack  | 5  |  |  |  |
| 52. | Potato dextrose agar                               | 500 gm/pack    | 5  |  |  |  |
| 53. | chrome Candida Differential Agar Plate             | 20 Plates/Pack | 1  |  |  |  |
| 54. | Sheep blood agar plates                            | 50 plates/pack | 20 |  |  |  |

Schedule- 4

| S.No | General items<br>Item Name  | Pack Size | Tentative Annual requirement | Price per unit without GST | GST | Total Price with GST |
|------|---|-----------|------------------------------|----------------------------|-----|----------------------|
| 1.   | <i>Staphylococcus aureus</i> ATCC 25923                           | 2 sticks  | 2                            |                            |     |                      |
| 2.   | <i>Escherichia coli</i> ATCC 25922                                | 2 sticks  | 2                            |                            |     |                      |
| 3.   | <i>Klebsiella Pneumoniae</i> Subsp. <i>Pneumoniae</i> ATCC 700603 | 2 sticks  | 2                            |                            |     |                      |
| 4.   | <i>Pseudomonas aeruginosa</i> ATCC 27853                          | 2 sticks  | 2                            |                            |     |                      |
| 5.   | <i>Enterococcus faecalis</i> ATCC 29212                           | 2 sticks  | 2                            |                            |     |                      |
| 6.   | <i>Staphylococcus aureus</i> ATCC 29213                           | 2 sticks  | 2                            |                            |     |                      |
| 7.   | <i>Candida albicans</i> ATCC 90028                                | 2 sticks  | 2                            |                            |     |                      |

**Technical specifications:**

Schedule- 1

| S.No | General items<br>Item Name                     | Specifications                         | Make / Brand   | Pack Size    |
|------|--|--|--|--------------|
| 1.   | SODIUM CHLORIDE,<br>analytical reagent         | To prepare various culture media       | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 500 g / pack |
| 2.   | Hydrogen Peroxoid 30%                          | To bacterial identification            | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 500 ml       |
| 3.   | NITRATE A REAGENT<br>(sulphanilic acid)        | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 100 ML       |
| 4.   | NITRATE B REAGENT<br>(Alpha naphthylamine)     | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 100 ML       |
| 5.   | Kovacs indole reagent                          | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 100 ml       |
| 6.   | Ferric Chloride solution<br>for PDA test       | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 125 ml       |
| 7.   | Sodium Hydroxoid<br>(pellets)                  | AR Grade, Pellets                      | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 500 g / pack |
| 8.   | Phenol Red Indicator                           | AR Grade                               | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 125 ml       |
| 9.   | pH Paper Indicator                             | (pH 1.0 - 14.0)                        | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 1 pack (200) |
| 10.  | pH Paper Indicator                             | (pH 3.5 – 6.0)                         | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 1 pack (200) |
| 11.  | pH Paper Indicator                             | (pH 6.5 - 9.0)                         | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 1 pack (200) |
| 12.  | pH Paper Indicator                             | (pH 8.0 – 10.5)                        | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 1 pack (200) |
| 13.  | Universal Indicator<br>Solution PH 4.0 to 11.0 | To prepare various media               | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 500 ml       |
| 14.  | Gram Stain Crystal violet                      | Microscopic identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 125 ml       |
| 15.  | Gram Stain Iodine                              | Microscopic identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 125 ml       |
| 16.  | Grams Stain Saffranin                          | Microscopic identification of bacteria | Oxoid, Hi-Media, Thomas Scientific,<br>Mast Group, Difco | 125 ml       |

|     |   |   |   |              |
|-----|---|---|---|--------------|
| 17. | Acetone (500 ml)                                    | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml       |
| 18. | Acetone (2.5 Ltr)<br>analytical reagent $\geq 99\%$ | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2.5 lit      |
| 19. | Albert Stain A                                      | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 x 125 ml   |
| 20. | Albert Stain B                                      | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 x 125 ml   |
| 21. | Lactophenol Cotton Blue                             | Microscopic identification of fungi               | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 x 100 ml   |
| 22. | Potassium Hydroxide<br>dehydrated                   | Microscopic identification of fungi               | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 23. | Carbol Fuchsin                                      | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125ml        |
| 24. | Methylene Blue Solution                             | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml       |
| 25. | Sulphuric Acid (Conc.)<br>analytical reagent        | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500ml        |
| 26. | MALACHITE GREEN<br>SOLUTION 1%                      | Microscopic identification of bacteria / parasite | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 ml       |
| 27. | Lugol's Iodine                                      | Microscopic identification of bacteria            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml       |
| 28. | Formalin  | preservation of microorganism                     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 5 lit        |
| 29. | Ether (DIETHYL)<br>(analytical reagent),            | preservation of microorganism                     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 ml       |
| 30. | Methanol, acetone free,<br>analytical reagent       | Fixation of microorganism                         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2.5 ltr      |
| 31. | Anaero gas pack 1.5l                                | 1.5l  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | pack of 5    |
| 32. | Anaero indicator tablet                             | culture of anaerobes                              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | pack of 10   |
| 33. | Methyl Red Indicator                                | 125 ml  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml       |
| 34. | Neutral red indicator                               | 125ml   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml       |
| 35. | Andrade's indicator                                 | 125 ml  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml       |



|     |  |                             |   |                             |
|-----|--|-----------------------------|---|-----------------------------|
| 36. | Bromothymol blue indicator                     | 125 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml                      |
| 37. | Bromocresol purple                             | 125 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml                      |
| 38. | Phenolphthaline (0.1% W/V)                     | 125 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 125 ml                      |
| 39. | Barritt's reagent A                            | 100 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 ml                      |
| 40. | Barritt's reagent B                            | 100 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 ml                      |
| 41. | Liquid Paraffin oil, heavy                     | 500 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 ml                      |
| 42. | Cedarwood oil                                  | 30 gm                       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 30 gm                       |
| 43. | Hydrochloric acid, laboratory reagent          | 500 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 ml                      |
| 44. | Glycerol                                       | 500 ml                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 ml                      |
| 45. | McFarland set                                  | 1 pack (of 0.5, 1, 2, 3, 4) | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack (of 0.5, 1, 2, 3, 4) |
| 46. | Autoclavable disposable bag- 12x10 inches, 18% | 1000 per pack               | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1000 per pack               |
| 47. | Autoclavable disposable bag 10x6 inches        | 1000 per pack               | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1000 per pack               |
| 48. | Autoclavable disposable bag 11x7 inches        | 1000 per pack               | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1000 per pack               |
| 49. | Sodium taurocholate                            | 500 gm                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm                      |
| 50. | D-(+)-Glucose, Anhydrous                       | 100 gm                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 gm/pack                 |
| 51. | D- Mannitol                                    | 25 gm                       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 25 gm/pack                  |
| 52. | Maltose monohydrate                            | 100 gm                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 gm/pack                 |
| 53. | D- (+)-Trehalose dihydrate                     | 100 gm                      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 gm/pack                 |
| 54. | D-Xylose                                       | 25 gm                       | Oxoid, Hi-Media, Thomas Scientific,                   | 25 gm/pack                  |

|     |  |  |   |             |
|-----|--|--|---|-------------|
|     |  |  | Mast Group, Difco                                     |             |
| 55. | Sucrose                                      | 500 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack |
| 56. | Malonic acid                                 | 250 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 250 gm/pack |
| 57. | Sodium phosphate dibasic, anhydrous          | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 gm      |
| 58. | Potassium dihydrogen phosphate               | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm      |
| 59. | Chromium Trioxid - 500gm                     | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm      |
| 60. | Sodium thiosulphate anhydrous                | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500gm       |
| 61. | Hexamine, Analytical reagent                 | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm      |
| 62. | Silver nitrate, Laboratory reagent grade 10G | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 10 gm       |
| 63. | Borax, analytical reagent                    | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm      |
| 64. | Light Green                                  | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 25 GM       |
| 65. | Gold (III) Chloride trihydrate               | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 GM        |
| 66. | N-Acetyl-L-cysteine                          | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 10 GM       |
| 67. | Urea   | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 GM      |
| 68. | Calcofluor White                             | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 5 GM        |

Schedule- 2

| S.No | General items<br>Item Name | Specifications | Make / Brand  | Pack Size  |
|------|----------------------------|----------------|---|--|
| 1.   | Ampicillin antibiotic disk | 10 µg / disc   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 2.   | Cefoxitin antibiotic disk  | 30 µg / disc   | Oxoid, Hi-Media, Thomas Scientific, Mast Group,       | 1 pack contains 5 containers, each                     |

|     |   |                  |   |  |
|-----|---|------------------|---|--|
|     |   |                  | Difco   | containing 50 disks                                    |
| 3.  | Aztreonam antibiotic disk                 | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 4.  | Cefotaxime antibiotic disk                | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 5.  | Ceftazidime antibiotic disk               | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 6.  | Cefepime antibiotic disk                  | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 7.  | Ceftriaxone antibiotic disk               | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 8.  | Cefoperazone + Sulbactam antibiotic disk  | 75/30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 9.  | Piperacillin + Tazobactam antibiotic disk | 100/10 µg / disc | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 10. | Ampicillin + Sulbactam antibiotic disk    | 10/10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 11. | Amikacin antibiotic disk                  | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 12. | Netilmicin antibiotic disk                | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 13. | Tobramycin antibiotic disk                | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 14. | Gentamicin antibiotic disk                | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 15. | HLAR Gentamicin antibiotic disk           | 120 µg / disc    | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 16. | Ciprofloxacin antibiotic disk             | 5 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 17. | Levofloxacin antibiotic disk              | 5 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 18. | Norfloxacin antibiotic disk               | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 19. | Nalidixic antibiotic disk                 | 30 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 20. | Erythromycin antibiotic disk              | 15 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |

|     |   |   |   |  |
|-----|---|---|---|--|
| 21. | Clindamycin antibiotic disk                         | 2 µg / disc   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 22. | Azithromycin antibiotic disk                        | 15 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 23. | Imipenem antibiotic disk                            | 10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 24. | Meropenem antibiotic disk                           | 10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 25. | Ertapenem antibiotic disk                           | 10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 26. | Trimethoprim-sulfamethoxazole (SXT) antibiotic disk | 1.25/23.75 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 27. | Vancomycin antibiotic disk                          | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 28. | Teicoplanin antibiotic disk                         | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 29. | Linezolid antibiotic disk                           | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 30. | Tetracycline antibiotic disk                        | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 31. | Doxycycline antibiotic disk                         | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 32. | Minocycline antibiotic disk                         | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 33. | Tigecycline antibiotic disk                         | 15 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 34. | Chloramphenicol antibiotic disk                     | 30 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 35. | Nitrofurantoin antibiotic disk                      | 300 µg / disc   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 36. | Fosfomycin antibiotic disk                          | 200 µg / disc<br>Disc should have 50 µg glucose-6-phosphate | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 37. | Metronidazole disk                                  | 5 µg / disc   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 38. | Cefpodoxime disk                                    | 10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group,       | 1 pack contains 5 containers, each                     |

|     |                              |                  |   |  |
|-----|------------------------------|------------------|---|--|
|     |                              |                  | Difco   | containing 50 disks                                    |
| 39. | Colistin sulfate disk        | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 40. | Polymixin B disk             | 300 units/disc   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 41. | Furazolidone (Furoxone) disk | 50 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 42. | Bacitracin disk              | 8 units          | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 43. | Optochin disk                | 5 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 44. | Fusidic acid disk            | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 45. | Amoxicillin disk             | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 46. | Amoxy/clav disk              | 50/10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 47. | Oxacillin disk               | 5 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 48. | Ceftazidime avibactam disk   | 30-20 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 49. | Pefloxacin disk              | 5 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 50. | Doripenem disk               | 10 µg / disc     | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 51. | Ticarcillin clavulanate disk | 75-10 µg / disc  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 52. | Piperacillin disk            | 100 µg / disc    | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 53. | Vancomycin E strip           | 0.016-256 µg /ml | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 54. | Teicoplanin E strip          | 0.016-256 µg /ml | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 55. | Ciprofloxacin E strip        | 0.016-256 µg /ml | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 56. | Linezolid E strip            | 0.016-256 µg /ml | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 57. | Ceftazidime avibactam E      | 0.016-256µg / ml | Oxoid, Hi-Media, Thomas Scientific, Mast Group,       | 1 pack   |

|     |                                       |                   |   |  |
|-----|---------------------------------------|-------------------|---|--|
|     | strip                                 |                   | Difco   |  |
| 58. | Chloramphenicol E strip               | 0.016-256µg / ml  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 59. | Fosfomycin E strip                    | 0.064-1024µg /ml  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 60. | Aztreonam E strip                     | 0.016-256 µg /ml  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 61. | Colistin E strip                      | 0.016-256 µg /ml  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack, each contains 10 strips                        |
| 62. | Cefixime disk                         | 10 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 63. | Cefazolin disk                        | 30 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 64. | Colistin sulphate powder              | 1 gm              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 gm   |
| 65. | Oxacillin resistance screen agar base | 500 gm            | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500gm  |
| 66. | Vancomycin hydrochloride powder       | 1 gm              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1gm  |
| 67. | Chloramphenicol powder                | 5 gm              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 5 gm   |
| 68. | Gentamicin sulphate powder            | 1 gm              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 gm   |
| 69. | Cycloheximide powder                  | 1 gm              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 gm   |
| 70. | Amphotericin B powder                 | 1 gm              | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 gm   |
| 71. | Caspofungin disk                      | 5 µg / disc       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 72. | Fluconazole disk                      | 10 µg / disc      | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 73. | Voriconazole disk                     | 1 µg / disc       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |
| 74. | Posaconazole E strip                  | 0.002-32 µg /ml   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 kit with 10 strips                                   |
| 75. | Anidulafungin E strip                 | 0.002-32 µg /ml   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 kit with 10 strips                                   |
| 76. | Amphotericin B disk                   | 20 µg / disc (100 | Oxoid, Hi-Media, Thomas Scientific, Mast Group,       | 1 pack contains 5 containers, each                     |

|     |                 |        |   |  |
|-----|-----------------|--------|---|--|
|     |                 | units) | Difco   | containing 50 disks                                    |
| 77. | Novobiocin disk | 5 mcg  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 1 pack contains 5 containers, each containing 50 disks |

Schedule- 3

| S.No | General items<br>Item Name                | Specifications   | Make / Brand  | Pack Size    |
|------|---|--|---|--------------|
| 1.   | CLED Agar with Bromothymol Blue           | For Urine culture  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 2.   | Blood agar base                           | For max. Recovery of streptococci, pneumococci and other fastidious organism and retaining their hemolytic character | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 3.   | Anaerobic Blood agar base                 | With Vitamin K1 Supplement   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g /pack  |
| 4.   | Mac Conkey Agar                           | w/o CV with 0.15% bile salt  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 5.   | Mac Conkey Agar                           | w/o CV, NaCl with 0.5% sod Taurocholate  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 6.   | Cation Adjusted Mueller Hinton Broth no.2 | For antibiotic susceptibility testing  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 7.   | Mueller Hinton Agar                       | Conforming to CLSI M6-A2 and international standards of Antimicrobial susceptibility testing                         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 8.   | Nutrient Broth                            | For culture and identification   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |
| 9.   | Nutrient Agar                             | For culture and identification   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack |

|     |  |   |   |                  |
|-----|--|---|---|------------------|
| 10. | Agar Agar Powder for Bacteriology                  | For culture and identification  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack     |
| 11. | Peptone water                                      | for culture and identification  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack     |
| 12. | Nitrate Broth Base                                 | for culture and identification  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 -500 g /pack |
| 13. | Mannitol motility medium                           | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 g / pack     |
| 14. | Oxidase disks                                      | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 50 discs/pack    |
| 15. | Glucose Phosphate Broth                            | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g /pack      |
| 16. | Urea Agar base (Christensen)                       | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 gm/pack      |
| 17. | Simmon's Citrate Agar                              | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack     |
| 18. | Triple Sugar Iron Agar IP                          | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack     |
| 19. | Mannitol Salt Agar base                            | Biochemical identification of bacteria  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack     |
| 20. | Bile Esculin Agar                                  | for differential isolation & Presumptive Identification of Group D Streptococci | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 g / pack     |
| 21. | Sabouraud's Dextrose Cycloheximide Chloramphenicol | culture of fungi  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 g / pack     |



|     |  |  |   |                |
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|     | Agar   |  |   |                |
| 22. | Brain Heart Infusion Agar                              | culture of fungi                       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 23. | Robertson's cooked meat medium                         | With glucose, Hemin and Vit. K         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 24. | Sabouraud's Dextrose Chloramphenicol Agar              | culture of fungi                       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 25. | Brain Heart Infusion Broth base,                       | culture of fungi                       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 26. | Phenylalanine Deaminase Agar (PDA)                     | Biochemical identification of bacteria | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 27. | Cornmeal Agar  | 500 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 28. | Dermatophyte test medium agar base                     | 500 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 29. | XLD Agar (Xylose Lysine Deoxycholate agar)             | 500 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 30. | TCBS Agar (Thiosulfate citrate bile-salt sucrose agar) | 100 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 g / pack   |
| 31. | Brucella Agar with Haemin and vit K1                   | 500 gm                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 32. | Chocolate agar   | 50 plates/pack                         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 50 plates/pack |
| 33. | Thioglycollate medium fluid - 500gm                    | 500 ml                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 34. | Moeller Decarboxylase Broth w/                         | 50X5ml                                 | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 50X5ml         |

|     |  |                |   |                |
|-----|--|----------------|---|----------------|
|     | Arginine   |                |   |                |
| 35. | Moeller decarboxylase broth w/lysine hydrochloride | 50X5ml         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 50X5ml         |
| 36. | Moeller decarboxylase broth w /ornithine           | 50X5ml         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 50X5ml         |
| 37. | Moeller decarboxylase broth base                   | 500 GM         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 GM         |
| 38. | OF media (Hugh Leifson medium)                     | 500gm          | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 39. | Deoxycholate citrate agar                          | 500 gm         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 40. | Selenite Broth ( Selenite F Broth) -500gm          | 500 gm         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 41. | Alkaline peptone water-100 gm                      | 100 gm         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 100 gm/pack    |
| 42. | Dichlorn-Rose Bengal Chloramphenicol Agar 500G     | 500 gm         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 43. | Mueller Hinton Agar 2% Glucose with methylene blue | 500 gm         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 44. | RPMI-1640 with L- glutamine and sodium bicarbonate | 500 ml         | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 ml         |
| 45. | Loeffler serum slope slants (LM slants)            | 25 slants/pack | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 25 slants/pack |
| 46. | LJ media slants (Löwenstein–                       | 25 slants/pack | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 25 slants/pack |

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|     | Jensen medium slants)                       |   |   |                |
| 47. | Fluid Thioglycollate Medium                 | 500 gm  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |
| 48. | Bile esculin azide broth                    | 500gm   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 49. | Salmonella shigella selective agar improved | 500gm   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 50. | Cary blair media                            | 500gm   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 51. | Amies transport medium with charcoal        | 10 tubes/pack   | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 10 tubes/pack  |
| 52. | Potato dextrose agar                        | 500 gm  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 gm/pack    |
| 53. | chrome Candida Differential Agar Plate      | for culture and identification  | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 20 Plates/Pack |
| 54. | Blood agar plates                           | For max. Recovery of steptococci, pneumococci and other fastigious organism and retaining their hemolytic character | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 500 g / pack   |

Schedule-4

|    | General items<br>Item Name  | Specifications | Make / Brand  | Pack Size |
|----|---|----------------|---|-----------|
| 1. | <i>Staphylococcus aureus</i> ATCC 25923                           | 2 sticks       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks  |
| 2. | <i>Escherichia coli</i> ATCC 25922                                | 2 sticks       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks  |
| 3. | <i>Klebsiella Pneumoniae</i> Subsp. <i>Pneumoniae</i> ATCC 700603 | 2 sticks       | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks  |

|    |  |          |   |          |
|----|--|----------|---|----------|
| 4. | <i>Pseudomonas aeruginosa</i> ATCC 27853 | 2 sticks | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks |
| 5. | <i>Enterococcus faecalis</i> ATCC 29212  | 2 sticks | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks |
| 6. | <i>Staphylococcus aureus</i> ATCC 29213  | 2 sticks | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks |
| 7. | <i>Candida albicans</i> ATCC 90028       | 2 sticks | Oxoid, Hi-Media, Thomas Scientific, Mast Group, Difco | 2 sticks |

