TENDER NOTICE

D. No.: 2369/[MC]

MEDICAL SUPERINTENDENT
J.N. MEDICAL COLLEGE & HOSPITAL
ALIGARH MUSLIM UNIVERSITY
ALIGARH

Sealed Quotation/bids (One Technical and One Financial separately) are invited from manufactures or their authorized dealers for the following equipment. Tenders should be sealed by the tenders in separate covers duly super scribed and both these sealed cover are to be put in a bigger cover, which should also be sealed and duly adherent on the terms and conditions mentioned below. The tender not quoted according to the laid down standard specification and conditions will be rejected straightway.

Quotations should reach this office of the undersigned on or before 24 March 2018 by 3: 00 PM. Thereafter no tender will be entertained.

- Any dispute arising thereafter will be subject to the jurisdiction of District courts Aligarh.
- Tenderers should attach photocopies of the Registration letter with the tenders.
- Separate Tenders should be submitted for the individual items.
- Sealed tenders subscribed as:

  TENDER FOR purchase of (Name of the equipment), Tender No:........., Medical Superintendent, Jawaharlal Nehru Medical College & Hospital, ALIGARH MUSLIM UNIVERSITY, ALIGARH.

TERMS & CONDITIONS

1. The rates should be quoted in Indian Rupees only,(INR)
2. All the items should be supplied on F.O.R. Basis
3. The tenders must be submitted in two parts (1) Technical Bid (ii) Financial Bid separately and should be page Numbered with proper index. All
documents required as per terms and conditions of the tenders should be enclosed with technical bid only.

5. The maximum delivery period from the date of placing the supply order shall be 1 month. For delayed supply penalty @10% p.a of the amount involved shall be imposed & calculated on daily basis for a maximum period of 3 months. Thereafter, the supply order shall stand cancelled and the security deposit shall be forfeited besides debarring the supplier for participation in tendering process in future.

6. The rates shall be finalized after exhibiting/demonstration of the Equipment/material, if required by the Technical Scrutiny Committee/ Purchase Committee

7. The quantity can be increased or decreased or all together abandoned as per the changed requirement of the department.

8. Undersigned reserves the right to reject any or all the tenders without assigning any reason.

9. All quoted items shall have servicing/Maintenance Contract for a period of 03 years from the date of installation

10. Training: The tenderer is required to organize training at his own cost if required for using the equipment/instruments and provide a proficiency certificate.

11. All literature, list of installation of the equipment, name and address of the engineers should be attached with the technical bid.

12. All mandatory Govt. levies and taxes should be shown separately, In case not shown separately; the same shall be treated included in the cost of the equipment.

13. Catalogue/Brochure be attached in original. Photocopies will not be entertained.

14. The tenderer shall dispatch material "Freight Paid" in all cases otherwise delivery will not be accepted.

[Signature]

P. C. Haris M. Khan
Medical Superintendent
J.N, Medical College & Hospital,
AMU, ALIGARH
List of the equipment for which tender requested:

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<tr>
<th>S.No.</th>
<th>Name of equipment</th>
<th>Make</th>
<th>Model</th>
<th>No required</th>
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<tr>
<td>A</td>
<td>Blood Culture System</td>
<td>BD BACTEC</td>
<td>BACTECTM FX-40</td>
<td>One</td>
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<tr>
<td>B</td>
<td>Automated ID/AST</td>
<td>BIOMERIEUX</td>
<td>VITEK-60</td>
<td>One</td>
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Specifications:

A : Blood Culture System:

1. Automated continuous Monitoring Blood Culture System with more than 35 sample vial capacity.
2. System should be true walk away with a simple user interface and touch screen operations.
3. System should have continuous agitation for optimized recovery of organisms.
4. System should have LIS communication capability for quick result information availability.
5. System should be able to process minimum 6-8 fresh samples per day with international protocol.
6. System should be modular and can be upgraded to 160 positions as and when required.
7. System should be based on sensitive fluorescence/colorimetric technology for interpretation of results.
8. System must support Lab Quality Control requirements for automated analytics of Blood Volumes being received in the Microbiology Labs. These reports should be auto generated and ready to analyze and send out to Phlebotomy, Nursing and Physicians on a regular basis. (Volume checking)
9. System should have enhanced visual indicators both inside and outside the instrument in the form of different colored LEDs to indicate exact station status – available, ongoing, positive, and negative & anonymous.
10. The culture media must have strong resin based Antibiotic Removal devices to minimize chances of false negatives due to high antibiotics in specimens and have minimal time to detection of organisms.
11. The Antibiotic Removal Devices must have proven record of antibiotic neutralization at trough, mid and peak levels in the blood specimen. Proof source should be submitted.
12. Instrument should have the facility for entering the patient name and sample accession number using bar code reader from a bar coded format.
13. System should provide the option of loading of any culture bottle anywhere without any software intervention in order to get the bottles loaded in the instrument round the clock.

14. The culture media should be free from substances which inhibits proper interpretation of gram-staining, hence causing any delay in critical callouts. Media should not have any masking effect for easier interpretation of Gram Staining of positive isolates.

15. The system should be able to support selective growth of yeast and fungus in case of mixed infections.

16. System should have Auto Quality Control and Calibration facility to avoid any manual daily maintenance. User intervention for routine QC/calibration should not be required.

17. Should have special media for Paediatric samples and low volume sterile body fluid samples.

18. Should have special Lytic Anaerobic Media for increased detection of partially phagocytised organisms.

19. Should have special media for optimal recovery of yeast, fungi and mycobacterium from Blood samples.

20. Media bottles should be fully compatible with familiar and widely used Vacutainer Holders without the need for a special adapter to improve workflow and safety.

21. System should be supplied along with on line UPS with 30 minutes back-up.

22. Comprehensive training of Lab staff till familiarity with the system.

23. The machine should be FDA/CE/ISI approved.

24. The vendor should provide four years comprehensive warranty

Specifications for Automated Blood Culture Bottles:

a. Media should come in non-breakable plastic/glass bottles for laboratory safety,

b. Media bottles should be fully compatible with the automated blood culture machine and widely used vacutainer.

c. Should have special media to neutralize antibiotic present in blood sample

d. The culture media should be free from substances which inhibits proper interpretation of gram-staining, hence causing any delay in critical callouts. Media should not have any masking effect for easier interpretation of Gram Staining of positive isolates.

e. Should have special media for paediatric samples and low volume sterile body fluid samples.

f. Should have special Lytic Anaerobic Media for increased detection of partially phagocytised organisms.

g. Should have special media for optimal recovery of yeast, fungi and mycobacterium from Blood samples.

Power backup and other accessories should be supplied along with

B : Automated ID/AST :

1. It should be fully automated, walkaway, high throughput and random access bacterial identification and Antibiotic Susceptibility system with least manual processing for improved workflow.

2. Should have at least 56 positions either for ID or AST at any time.

3. The system must have identification, and Antibiotic Susceptibility cards/panels for Gram negative and Gram positive bacteria as well as for yeast also.

4. System should provide high level of interspecies discrimination.

5. System should preferably give AST in the form of MIC.
6. System should have proper identification system, preferably, bar code scanner for accurate specimen entry and subsequent identification.
7. Minimum detection time for identification should be around 5 hrs.
8. **The system software must have the following capabilities** -
   - Workflow management
   - Data storage
   - Test quality control management
   - Test result validation capability and ability to detect antibiotic resistant bacteria.
9. Test panel sealing should not involve any manual sealing with a sealant rather it should be automatic inside the process and irreversible to avoid any leakage, jam or crack.
10. System should have the ability to alert to any unusual resistance mechanism.
11. The waste generated from the system should be completely sealed for safe and proper disposal.
12. The system should involve no additional reagent cost and if required supplier should give details of the cost and their preparation time.

**Power backup and other accessories should be supplied along with**

[Signature]

Prof. Haris M. Khan
Medical Superintendent
J.N, Medical College & Hospital,
AMU, ALIGARH