

## **TECHNICAL SPECIFICATIONS OF EQUIPMENT**

Tender No.: MC/268/2013/Pt-I/200

Dated: 01/01/2020

Sl. No.	Item Specifications
01	<p><b>Biosafety Cabinet Class II A2 (NABL compliant)</b></p> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"><li>1. Class II Biosafety Cabinet Type A2 design.</li><li>2. Should include a germicidal UV lamp, set of arm rest, an electrical outlet and a support stand provided with leveling bases.</li><li>3. Size 4 feet width and the front window must have 8/ 10” sash opening with working surface and drain Pan of stainless steel 304.</li><li>4. Motor should be DUAL DC &amp; must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working conditions.</li><li>5. The microprocessor based Cabinet should use differential pressure sensor to display the inflow and down flow air velocities in real-time on an LED/LCD display.</li><li>6. Should have port for vacuum tubing and cables on the sides.</li><li>7. HEPA/ULPA Filter should be 99.995% MPPS (Most Penetrating Particle Size)</li><li>8. UV light must be programmable to allow for specific exposure times from 0 to 24 hours. Lightening power should &gt;1100 Lux (100fc);cabinet noise level must be less than 65 dB(A)</li><li>9. Cabinet should be NSF (National Sanitation Foundation) certified and certificate of the quoted model should be attached.</li><li>10. Power Consumption in Normal mode :200W ±10%</li><li>11. CE certified with Warranty of 3 year.</li><li>12. Calibration certificate from NABL certified agency to be provided at the time of installation.</li><li>13. The supplier should provide user certificates of their installations in North East.</li></ol>

## **Part-1**

### **SCHEDULE OF REQUIREMENT**

<b>Brief Description of Goods and services to be supplied</b>	<b>Cost of Bidding Document/ Tender Fee</b>	<b>EMD (Bid Security)</b>	<b>Delivery Period</b>
<b>SUPPLY, INSTALLATION AND COMMISSIONING OF</b> <b>1. Biosafety Cabinet</b> <b>Class II A2</b>	<b>Rs. 1000/-</b>	<b>Rs. 8,940/-</b>	<b>Twenty-five (20) days</b> from the date of issue of work order.

## **Part-2**

### **General Instructions and Terms & Conditions**

1. The **Principal Investigator, Department of Microbiology, Gauhati Medical College** (herein after also called as the “purchaser”), invites bids from the intending manufacturer/Accredited/authorized/registered Dealers in single stage two bid system **SUPPLY AND INSTALLATION OF EQUIPMENTS** for the project titled “**Mapping hotspots of MDR-TB in Assam, Sikkim and Tripura using Genomic approaches**” in the Department of Microbiology, Gauhati Medical College.
2. **Availability of tender Documents and mode of submission:** Tender documents (Equipment list, specifications) are available at the Office of the Principal Investigator, of the Project titled “**Mapping hotspots of MDR-TB in Assam, Sikkim and Tripura using Genomic approaches**” in the Department of Microbiology, Gauhati Medical College during the office hours and also from the website of Gauhati Medical College.
3. The bidders shall have to affix Court Fee Stamp **Rs.8.25** (Rupees eight &twenty-five paisa) only (for local bidders) or IPO of **Rs.10/-** (Rupees Ten) only (in case of Bidders from outside of the State of Assam) in favour of “**DBT Project on MDR-TB**” in the original copy of the technical bid, failing which the bid may be treated as non-responsive and rejected.
4. **Cost of tender Document (Tender fee): Rs.1000/- (non-refundable)** only in form of crossed Demand Draft/ Banker cheque in favour of “**DBT Project on MDR-TB**”, payable at State Bank of India, GMC (Guwahati) Branch. The bidders must submit the original Demand Draft/ Banker cheque along with the hard copy of the technical Bid, failing which the bid shall be treated as non-responsive and rejected. The bidding document is not transferable.
5. **Bid Security (Earnest Money Deposit): Rs.8,940/- (Rupees Eight Thousand Nine Hundred and Forty Only)** in form of Demand Draft(DD) or Fixed Deposit Receipts or Bank Guarantee (issued by any of the nationalized/scheduled banks in India) or National Savings Certificates (Certificates which are not held in the name of the bidder shall not be accepted) and drawn/pledged in favour of “**DBT Project on MDR-TB**”, with **validity for a period of one (1) year** payable at **State Bank of India, GMC (Guwahati) Branch**. The bidders are required to

submit the original Fixed Deposit/Bank Guarantee/Demand Draft along with the hard copy of the technical & financial Bid, failing which the bid shall be treated as non-responsive and rejected.

6. A successful bidder will have to make an agreement with the head of the institution for payment of performance security of 10% of the total cost of the equipment.
7. **Submission of Technical & Financial Bid:** The sealed cover should be superscribed with "Quotation for equipments. A hard copy of Technical & Financial bids (in triplicates) shall be submitted/dropped along with Bids security (EMD) deposit and also all the original affidavits and documents in the tender box in the office of the purchaser i.e. **Principal Investigator**, of the Project titled "**Mapping hotspots of MDR-TB in Assam, Sikkim and Tripura using Genomic approaches**" in the Department of Microbiology, Gauhati Medical College **of the tender during the office hours (Closing time: 8<sup>th</sup> January 2020, 2.00pm)**, failing which the bids shall be declared as nonresponsive and rejected by the purchaser.
8. Supervision of the on-site installation, assembly, commissioning, demonstration, and/or start-up of the supplied Goods at the final destination;
9. Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;
10. **Training:** On Site training to the Technicians/ staff of the GMCH for the operation and maintenance of the equipment to the satisfaction of the concerned user department of the GMCH;
11. The Technical Bid should be accompanied with complete specifications, Manufacturer's name, address, descriptive catalogue, technical details and dealership authorization with WARRANTY items etc. Please also state the accessories required to be supplied along with the main instruments, if any. All accessories required for full functioning of the equipment must be supplied along with the equipment and must not be quoted separately. All equipments must have a warranty for a minimum period of three years from the date of installation.
12. In case of foreign quote, country of origin, the address of Principal's / Manufacturer's and their Banker's details should be furnished. However, all charges should be included in the price bid. Price bid must be in INR.
13. Quotation in triplicate for each item must be submitted under proper sealed cover. Cost of the items should be mentioned clearly in the Commercial Offer only. All essential items/ accessories required for the maintenance of the equipment for the next three years should also be specified in the commercial offer.
14. The Tender will be strictly non-negotiable.
15. Tender received late/incomplete are liable to be rejected.
16. The relevant documents for qualifying requirements stipulated in tender documents above, shall be submitted by the bidder as per the provision of tender documents.

17. Availability of spare parts of equipments should be for another 10 years.
18. Equipments should be supplied with start-up kits if any.
19. The supply and successful commissioning should be finished within the stipulated time (20 days *w.e.f.* date of allotment work order).
20. Training of manpower with consumables for the training must be arranged by the bidder and given by an expert, before or after commissioning of equipments.
21. **Expert technical and application assistance for warranty period is mandatory. The company must have engineers locally available/available on call within 24 hrs of any malfunction. The bidder must have service engineer(s) based in Guwahati (Assam).**
22. The payment will be done only after successful completion and commissioning of the equipment.
23. No advance payment for the cost of instrument or related expenditure shall be made to the vendor.
24. For all legal matter court jurisdiction shall be “Guwahati”.
25. Mode of payment will be either through cheque or DD or of the Indian currency or RTGS/NEFT.
26. The rates should be valid for at least 1 year.
27. The rates should be quoted in words as well as in figures in respect of each item.
28. Technical specification/Model/Make shall be strictly as per the requirements laid down.
29. However, any deviation, if required, may be considered by the Technical Committee, subject to suitability and the needs of the Project.
30. Over-writing on document, if any, should be supported by signatures.
31. Please submit the following documents in *sequence* in each copy of the tender Documents:
  - a) Forwarding letter duly signed by the authorized person.
  - b) Reg. Certificate of the vendor.
  - c) List of similar turnkey jobs executed with full address and telephone numbers of customers with satisfactory completion certificates.
  - d) Name and address of registered office, head office, regional office of the company.
  - e) Name and telephone numbers (contact details) of key person.
  - f) Acceptance of all clauses of tender specification duly signed page-wise.
  - g) Commercial terms and conditions with time schedule for completion.
  - h) **Authorization Certificate from the respective manufacturers of the equipment.**
32. The tender must be accompanied by General Sale Tax, Central Sales Tax Clearance Certificate showing the clearance of taxes up to 31st March of the preceding year.
33. All photocopies, which are required to be attached with the tender, should be attested by the bidder under proper seal.

34. Any tender inconsistent with the aforementioned terms and conditions and with the general Terms & Conditions Annexed with tender form shall not be considered.
35. Tenders will be opened on specified date in the presence of bidders. A decision in regard to acceptance of Tenders will be taken as soon as possible.
36. The successful Bidder will be intimated by letter or other means of communication and the Bidder so informed shall be bound from the time transmission of such acceptance by the Department. Formal acceptance of the tender will be forwarded to successful bidders in due course but it will serve merely as a confirmation of the initial information.
37. The dates stipulated above are fixed and under no circumstances they will be relaxed unless officially extended. If any date specified above is declared as holiday by the Government, the said date is deemed to have been extended to the next working day.
38. The rate quoted should include the cost of the complete equipment inclusive of all the accessories and installation charges (detailed list of accessories must be mentioned), and all taxes.
39. The technical committee of the project is not bound to accept the lower quotations. Any or all the quotations may be rejected without assigning any reasons. It reserves the right of acceptance in whole or part of the offer made. The Officer's of technical committee should justify with the reasons the superiority of the article than the articles of the lowest bidder. Technical committee should furnish reasons on the comparative statement of the tenders. The decision of the technical committee in the matter shall be final and binding on the Bidders.
40. **The technical support personnel/group and back-up should be available for 24x7x365.**
41. Successful Bidder shall execute an agreement in accordance with these terms and conditions.
42. **Successful bidders should do the calibration (NABL compliant or NABL certified Agency), servicing and maintenance of the equipments for 3 years (i.e. during the period of warranty).**
43. If Technical Committee requires any changes in specifications the supplier shall use his best Endeavour to comply with wishes subject to fair fixation of prices and delivery schedule where appropriate.

Sd/-  
Principal Investigator  
Department of microbiology  
Gauhati Medical College & Hospital,  
Guwahati-781032