

GOVERNMENT OF ASSAM
OFFICE OF THE PRINCIPAL CUM CHIEF SUPERINTENDENT
GAUHATI MEDICAL COLLEGE & HOSPITAL, GUWAHATI-32.

Ph. No.0361-2132751/2130190 : E-mail-gmch-asm@nic.in

No.MC/ 155/2019/10

Dated, Guwahati, the 10th January, 2020.

Tender Document- Supply of Equipments
Tender Fee - Rs. 2000/- only

On behalf of the Principal, Gauhati Medical College, Guwahati, the indenter, Sealed Tenders are invited in TWO BID SYSTEM from reputed and experienced firms having experience in similar services (Equipments) for at least 3 years to any Central/State Govt. organization or a large Public Sector Undertaking/Board/Project Mission or reputed private organization in Assam. Strictly subjects to the Terms & Conditions of the contract as notified in the tender document. The Tender Document can be collected on payment of Rs. 2000/- only (Non refundable) by Bank Draft from the **Office of the Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32 during office hour.** Eligible and interested agencies may send their Tenders by **25th January, 2020 upto 4:00 pm.** to the **Office of the Principal, Gauhati Medical College, Guwahati-32.**

Schedule to the Invitation of Tender

1	Tender No	NO.MC/155/2019/10
2	Tender Date	10/01/2020
3	Item Description	As per list
4	Last date and time of submission of tender	Date. 25 th January up to 4:00 P.M.
5	Date and time for Opening of Tender	
6	Tender fees	Tender fee of Rs. 2000/- only in the form of Demand Draft in favour of the Principal, GMC, Guwahati payable at Guwahati to be submitted in Technical Bid.
7	Service to be Provided	Supply of various Equipments at the Office of the Principal, Gauhati Medical College, Guwahati-32 premise at Guwahati-32.
8	Period/Extension of Contract	One year from the date of signing the contract with an option of extension for a further period at the same rate & terms & conditions subject to provision of satisfactory services and at the sole discretion of the Principal, GMC, Guwahati.

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9	Bid security (EMD) value	Provided in the list Enclosed in favour of Principal, GMC, Ghy-32
10	Performance Security total cost of Bid (for Finalised Bidder only)	Rs. 5% of work order value in the form of Bank draft or Bank Guaranty in favour of Principal, GMC, Ghy-32, covering the warranty period.

Sl No:	Instrument	No's	Earnest money
01	Micropipettes	5	Rs. 600/-
02	Hot Air Oven	1	Rs. 1000/-
03	Water Bath	1	Rs. 500/-
04	Bod incubator	1	Rs. 1500/-
05	Vortex mixer	1	Rs. 500/-
06	Vertical autoclave	1	Rs. 3000/-
07	Water purification system	1	Rs. 12000/-

Equipments to be supplied:

**1. Micropipettes single channel of variable volume -5 nos
(0.1-2 µl, 1-10 µl, 2-20 µl, 20-200 µl and 100-1000 µl)**

Technical specification

1. Extremely light pipetting action by tension free spring mechanism.
2. Fully autoclavable (121°C): UV resistant Material
3. Volume locking system.
4. Increments at least 0.1 µl fine adjustment for pipettes except for 100-1000 µl volume pipette where increments can be read as 0.5 µl.
5. Suitable for all brands of tips.
6. Adjustable for variable volume; fixation of adjustable volumes.
7. Three defined stops (single button operation preferred)
 - A. Take up from first stop
 - B. Dispensing and blow out
 - C. Tip ejection
8. Slim pipette shaft.

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9. Cone for standard tips.
10. Safe cone filter lock
11. Easy and safe tip ejector mechanism.
12. Made of corrosion proof material.
13. Accuracy $\geq 98.5\%$
14. Precision $\geq 99.4\%$
15. Should be capable of being stored and operable at ambient temperature.
16. Provide GLP protocols.
17. Provision of onsite/external calibration.
18. Stand for micropipettes should be provided.

General specification:

1. Satisfactory working report of the quoted model from three reputed government institutes/hospital should be included (within last two years of submission of bid)
2. All equipment should specify design qualification, installation qualifications, operational qualification, and performance qualification. Validation and calibration should have traceability towards applicable national/international standards.
3. Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard & soft copies. Performance, efficiency, other factors such as distortion etc. As applicable be also furnished.
4. On site, in – Lab customer training to be provided
 5. 2 years back to back warranty with preventive maintenance will be provided by the company. Warranty should commence only after delivery of satisfactory working report
- a. Complete with comprehensive sets of spare parts.
- b. The make, rating, model, description, specification, quantity of each item shall be furnished separately.

2.HOT AIR OVEN- 1 no.

Technical specification

- 1) Micro processor based digitally controlled.
- 2) Integrated programmable timer
- 3) Programmes stored on power failure
- 4) Display of temperature
- 5) Should have double walled construction, special high quality insulated steel
- 6) Enamel painted steel exterior
- 7) Facility for adjustable shelves, 3 removable shelves to be provided
- 8) Volume for inner chamber approx. 125-250 ltr stainless steel corrosion resistant with internal lighting facility
- 9) 2 doors insulated door fitted with heavy hinges, mechanical door lock.
- 10) Temperature range 10-220°C, digitally temperature setting accuracy $\pm 1^\circ\text{C}$
- 11) Separate PT 100 sensor and display for temperature (LCD).
- 12) Forced uniform air circulation by air fan
- 13) Air fan < 60 dBA at full speed; speed adjustable
- 14) Adjustable air flap for preheated fresh air intake
- 15) Vent connection with restrictor flap
- 16) Alarm; audible, with display on dysfunction
- 17) Digitally adjustable electronic temperature controller, TWW protection class 3.1.
- 18) Mechanical temperature limiter at fixed value 10°C above maximal hot air oven temperature.

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- 19) Switch off function at approximately 10⁰C above the temperature set
- 20) High quality heating element. Element to be included in warranty and CMC.
- 21) Power supply
 - a) Power input to be 220-240v AC, 50Hz
 - b) Resettable over current breaker shall be fitted for protection.

General specification:

1. Satisfactory working report of the quoted model from three reputed government institutes/hospital should be included (within two years of submission of bid).
2. All equipment should specify design qualification, installation qualification, Operational Qualifications and performance qualification. Validation and calibration reports should have traceability towards applicable national/international standards.
3. Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.
4. Installation: the bidder must arrange for the equipment to be installed by certified or qualified personal; any prerequisites for installation to be communicated to be the laboratory in advance. Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15 Amp)
5. 5 years back to back warranty followed by the 5 years CMC should be provide by the company and warranty should commence only after delivery of satisfactory working report.
 - a) Complete with comprehensive set of spare parts.
 - b) The make, ratings, models, description, specification, quantity of each item shall be furnished separately.
 - c) Downtime commitment to be restricted to maximum period of 48 hours in metro cities and 96 hours in hard to reach areas (working days) and punitive action shall be taken in case of failure to maintain desirable downtime.
 - d) Preventive maintenance plan and technical support to be provided.
6. A suitable in built voltage stabilizer to be given. A line voltage corrector of appropriate rating should form part of standard configuration. Copper wound single phase automatic line voltage corrector confirming to IS: 9815 (5t.1)/94 with latest amendments or equivalent international standards fitted with a voltmeter and switch to indicate output/input voltage as under:
 - a) Capacity/rating: 10KVA : As per the requirement of the equipment.
 - b) Output voltage: 220 volts \pm 10% volts. Input-out voltmeter and ampere meter. Protection: high-low voltage cut-off, overload and short circuit protection.
7. Certification:
 - a) Product Certification: CE Class II A or US FDA certified
 - b) Quality Certification: BIS/ISO certified
 - c) Electrical Safety: Equipment meets electrical safety specifications such as that of IEC (Class-I)

3. WATER BATH - 1 No

Technical specification

1. Stainless steel SS304 chamber interior.
2. Benchtop. Capacity: 12-16 Ltrs.

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3. Microprocessor controlled.
 4. Simultaneous display of set and actual temperature, time and RPM
 5. Independent timer with sound signal
 6. Temperature range 25- 100 °C
 7. Increased temperature stabilization due to built-in magnetic stirrer (regulated speed 300-1000 rpm)
 8. Temperature setting via a keypad digital display: thermostat control knob and on/off switch should be available
 9. Adjustable shacking speed.
 10. RTD Temperature Sensor
 11. PID Temperature controller
 12. Accurate Temperature control
 13. Over Temperature protection
 14. Thermostat equipped with following water cooler
 15. High safety level for constant operation
 16. The heater for chamber located at outside bottom of water chamber, not inside chamber
 17. Shacking motion-linear
 18. Over Current Protection
 19. Variable fluid level to allow different sample sizes without refilling or overflowing the bath
 20. Proper insulation between outer and inner walls to prevent heat loss
 21. Should provide cover, Diffuser tray and drain hose
 22. Water bath should be provided with a drain plug to facilitate easy emptying and cleaning inner chamber
 23. Should have safety features including audible alarm, adjustable digital over- Temperature protection, low-level detection and high- Temperature cut-offs
 24. Power supply: 220-240V AC, 50Hz
- General specification:
1. Satisfactory working report of the quoted model from three reputed Government institutes/hospitals should be included (within two years of submission of bid).
 2. All equipment should specify design qualification, installation qualification, Operational Qualifications and performance qualification. Validation and calibration reports should have traceability towards applicable national/international standards.
 3. Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.
 4. Installation: the bidder must arrange for the equipment to be installed by certified or qualified personal; any prerequisites for installation to be communicated to be the laboratory in advance. Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15 Amp)
 5. 5 years back to back warranty followed by the 5 years CMC should be provide by the company and warranty should commence only after delivery of satisfactory working report.
 - a) Complete with comprehensive set of spare parts.
 - b) The make, ratings, models, description, specification, quantity of each item shall be furnished separately.
 - c) Downtime commitment to be restricted to maximum period of 48 hours in metro cities and 96 hours in hard to reach areas (working days) and punitive action shall be taken in case of failure to maintain desirable downtime.
 - d) Preventive maintenance plan and technical support to be provided.
 6. A suitable stabilizer to be given. A line voltage corrector of appropriate ratings should form part of standard configuration. Cooper wound single phase automatic line voltage corrector

confirming to IS: 9815 (5t.1)/94 with latest amendments or equivalent international standards fitted with a volt meter and switch to indicate output/input voltage as under:

- a) Capacity/rating: 10KVA: as per the requirement of the equipment.
- b) Output voltage: 220 volts \pm 10% volts. Input/out voltmeter and ampere meter. Protection: high low voltage cut-offs overload and short circuit protection.

7. Certification:

- a) Product certification: CE Class II A or US FDA certified
- b) Quality certification: BIS/ISO certified
- c) Electrical safety: Equipment meets electrical safety specifications such as that of IEC (Class I)

4.BOD INCUBATOR -1 no.

Technical specification

1. Double walled construction, inner chamber stainless steel
2. Inside full length observation glass/transparent door
3. Size of inner chamber approximately 50×60×50 cm.
4. Facility for adjustable shelves to convenient heights, 4-5 removable shelves of stainless steel/anodized aluminium to be supplied
5. Interior lighting facility, insulated door fitted with hinges handle locking, mechanical door lock.
6. Microprocessor controlled
7. Temperature ranges : 5 TO 60 DEGREE WITH ACCURACY 0.5 DEGREE CENTIGRADE
8. .
9. Independent temperature measuring through PT 100 sensor with indicator LCD display
10. Recovery time short, precise regulation of temperature acoustic alarm.
11. Digital safety thermostat (class 3)
12. Audiovisual alarm and sensor to cut off supply in case of temperature malfunction
13. Adjustable ventilation rate 10-100% thin form air circulation
14. Environmental factors: The unit shall be capable of operating continuously ambient temperature of 10-45°C and relative humidity of 15-95%
15. Power supply : Power input to be 220-240 V AC, 50Hz
16. Resettable over current breaker shall be fitted for protection.

16.Suitable UPS with maintenance free batteries for minimum 1 hour backup should be supplied with the system.

General specifications:

- 1.Satisfactory working report of the quoted model from three reputed Government institutes/hospitals should be included (within two years of submission of bid).
- 2.All equipment should specify design qualification, installation qualification, Operational Qualifications and performance qualification. Validation and calibration reports should have traceability towards applicable national/international standards.
- 3.Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.
- 4.Installation: the bidder must arrange for the equipment to be installed by certified or qualified personal; any prerequisites for installation to be communicated to be the laboratory in advance. Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15 Amp)
5. 5 years back to back warranty followed by the 5 years CMC should be provide by the company and warranty should commence only after delivery of satisfactory working report.
 - a)Complete with comprehensive set of spare parts.
 - b) The make, ratings, models, description, specification, quantity of each item shall be furnished separately.
 - c) Downtime commitment to be restricted to maximum period of 48 hours in metro cities

and 96 hours in hard to reach areas (working days) and punitive action shall be taken in case of failure to maintain desirable downtime.

d) Preventive maintenance plan and technical support to be provided.

6. A suitable Voltage stabilizer to be given. A line voltage corrector of appropriate ratings should form part of standard configuration. Cooper wound single phase automatic line voltage corrector conforming to IS: 9815 (5t.l)/94 with latest amendments or equivalent international standards fitted with a volt meter and switch to indicate output/input voltage as under:

a) Capacity/rating: 10KVA: as per the requirement of the equipment.

b) Output voltage: 220 volts \pm 10% volts. Input/out voltmeter and ampere meter. Protection: high low voltage cut-offs overload and short circuit protection.

7.Certification:

a) Product certification: CE Class II A or US FDA certified

b) Quality certification: BIS/ISO certified

c) Electrical safety: Equipment meets electrical safety specifications such as that of IEC (Class I)

5.Vortex mixer- 1 no.

1. Sturdy housing metal coated disinfectable

2. Digital display of speed

3. Rotation speed 0-2500 rpm, strong orbital movements

4. Standing on four rubber feet design to prevent sliding of the instrument during shaking

5. Two operating moods: continuous and touch function

6. Slip Resistant stand

7. Over heating protection

8. Permissible ambient temperature and relative humidity: 5-40⁰ C and \leq 80%

9. Should provide integrated rubber adpater with tube holder and one additional rubber adpater

10. Adpater mixing up to 18 micro tubes (6x0.5 ml, 6x1.5 ml)

11. Should Have speed regulator control system

12. It should have the interchangeable platform pad with variable for 50 ml tube and micro centrifuge tube

13. Should have heavy duty AC motor

14. Must have unique touch feature operated the unit when tube is pressed on the rubber cup.

General specifications:

1.Satisfactory working report of the quoted model from three reputed Government institutes/hospitals should be included (within two years of submission of bid).

2.All equipment should specify design qualification, installation qualification, Operational Qualifications and performance qualification. Validation and calibration reports should have traceability towards applicable national/international standards.

3.Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.

4.Installation: the bidder must arrange for the equipment to be installed by certified or qualified personal; any prerequisites for installation to be communicated to be the laboratory in advance. Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15 Amp)

5. 5 years back to back warranty followed by the 5 years CMC should be provide by the company and warranty should commence only after delivery of satisfactory working report.

a)Complete with comprehensive set of spare parts.

b) The make, ratings, models, description, specification, quantity of each item shall be furnished separately.

c) Downtime commitment to be restricted to maximum period of 48 hours in metro cities and 96 hours in hard to reach areas (working days) and punitive action shall be taken in case of failure to maintain desirable downtime.

d) Preventive maintenance plan and technical support to be provided.

6.Certification:

- a) Product certification: CE Class II A or US FDA certified
- b) Quality certification: BIS/ISO certified
- c) Electrical safety: Equipment meets electrical safety specifications such as that of IEC (Class I)

6. Vertical Autoclave-1 no.

1. Sterilization chamber volume of ≥ 70 litres
2. Sterilization chamber dimensions (Width 30-40 cm, height 70-80cm)
3. Microcomputer controlled system
4. The sterilization chamber- triple walled unit constructed of corrosion resistant stainless steel (SS304)
5. Heating device (Steam generator) horizontally mounted preferably separated from the chamber with minimum water volume (4-7 litres)
6. Air removed by upward displacement
7. Automatic water feed connection to a demineralized water supply
8. Integrated pump to equalized pressure variation in external
9. Automatic level control before during and after sterilization cycle
10. Low water level cut out device
11. LCD/LED display for temperature, steam pressure, sterilization time, stage of cycle and warning alarm checks along with control panel
12. Automated sterilization system for unattended operation
13. Maximum operating temperature: 134°C
14. Maximum operating pressure 2.5 bar
15. Sterilization timer 1/250 minutes
16. The pressure gauge attached to the front side for easy check
17. A control panel with
 - a) Temperature setting keys to increase decrease temperature
 - b) Real time temperature display
 - c) Graphical display shows the progress of sterilization cycle throughout the process
 - d) Time display and keys to set time
18. The instrument should have mechanical safety device:-
 - a) Over current protection
 - b) Over temperature protection by automatic power cut off
 - c) Over pressure protection by automatic manual safety valve
19. The instrument should have safety warning system/alarm
 - a) Over temperature warning
 - b) Sterilization fail warning
 - c) Low water level
20. Supplied with two suitable stackable perforated stainless steel bucket with handle for sterilization
21. Supplied with and extra silicon or suitable gasket.
22. Lid made of SS304 with insulation cover to prevent hot burn to user
23. Top opening lid, should have foot mediated opening facility also. Fast safety lid lock
24. Control lock out switch that prevent starting a cycle if the door is not locked safely
25. Control that prevents opening the door until chamber is depressurized.
26. Temperature dependent door locking system according to international standards.
27. Exhaust valve knob and air release knob should be present
28. An exhaust bottle to recover and cool down the steam exhausted from the chamber. The steam should not be exhausted openly in the room.
29. Drain port for draining water inside the chamber
30. Water level sensor to detect & display warning if water level is below acceptable range
31. Element heater to heat the sterilizing water inside the chamber
32. Piping diagram demonstrating the flow of water and steam should be there in the accompanying manual
33. Power supply 220-230 volts AC 50 Hz three phase.

General specifications:

1. Satisfactory working report of the quoted model from three reputed Government institutes/hospitals should be included (within two years of submission of bid).
2. All equipment should specify design qualification, installation qualification, Operational Qualifications and performance qualification. Validation and calibration reports should have traceability towards applicable national/international standards.
3. Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.
4. Installation: the bidder must arrange for the equipment to be installed by certified or qualified personal; any prerequisites for installation to be communicated to be the laboratory in advance. Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15 Amp)
5. 5 years back to back warranty followed by the 5 years CMC should be provide by the company and warranty should commence only after delivery of satisfactory working report.
 - a) Complete with comprehensive set of spare parts.
 - b) The make, ratings, models, description, specification, quantity of each item shall be furnished separately.
 - c) Downtime commitment to be restricted to maximum period of 48 hours in metro cities and 96 hours in hard to reach areas (working days) and punitive action shall be taken in case of failure to maintain desirable downtime.
 - d) Preventive maintenance plan and technical support to be provided.
6. A suitable in built voltage stabilizer to be given. A line voltage corrector of appropriate rating should form part of standard configuration. Copper wound single phase automatic line voltage corrector confirming to IS: 9815 (5t.I)/94 with latest amendments or equivalent international standards fitted with a voltmeter and switch to indicate output/input voltage as under:
 - c) Capacity/rating: 10KVA : As per the requirement of the equipment.
 - d) Output voltage: 220 volts \pm 10 volts. Input-out voltmeter and ampere meter. Protection: high-low voltage cut-off, overload and short circuit protection.
7. Certification:
 - d) Product Certification: CE Class II A or US FDA certified
 - e) Quality Certification: BIS/ISO certified
 - f) Electrical Safety: Equipment meets electrical safety specifications such as that of IEC (Class-I)

7. Water Purification system: Milli-Q Technical:

1. A compact water purification system ISO-9001 certification and design to be fed directly by portable tap water. Should have visual display for quality parameter, filter condition etc. Reservoir capacity of minimum 30litre. All necessary pre- filters should be provided.
2. The system should meet ASTM type I, ISO 3696 and CLSI-CLRW specification.
3. The system should have recirculation of the purified water to maintain consistent peak quality
4. Cartridge identification technology provides full traceability and history of each cartridge for full validation and other GLP requirements.
5. Microprocessor controller complete water purification system, should comprise primary continuous electro-de-ionization attached to a tank followed by secondary ultrapure polishing system.
6. Additional one set of consumable should be provided.
7. Water softener at all the inlets.
8. Power Supply: 210-240V/50-60 Hz
9. Final filtration provided by online UV and Ultra filtration cartridge to produce Dnase & Rnase free water.
10. Suitable of water for Mass spectrometry, HPLC, GLC, Molecular biology, proteomics, cell culture work and crystallization etc.
11. Quality of ultra pure water provided by system should fulfil following criteria:-
 - a) Pretreatment system:

Three stage pretreatment system with 10, 5 & 1 micron spun filters 10" long for removal of suspended particles to take care of F.I and Chlorine in feed water.

b) Analytical grade water system:

The system should response favourably to feed water having fouling index (FI) approx 10, total free Chlorine <0.5 ppm and feed water conductivity upto 2000 μ s/cm, maximum silica 30ppm.

Second stage purification process; primary purification by a pre- filter, secondary purification through RO membrane, final purification step should involve a self- regenerating electro deionization module to avoid cartridge replacement. System should be microprocessor controlled with continuous water purity monitoring. System should have photo-oxidation technology (with UV lamp) ensuring that bacteria counts are low. System should have integral recirculation ensures optimum water quality at point of dispense.

Product water Quality of type 2 water:

Resistivity : 10 to > 15 m Ω at 25°C (megaohm C).

TOC : <20ppb

Bacteria : <1CFU/10 ml

Flow rate : 10 litres/ Hr at 25°C

pH : Effectively neutral.

12. System should have 30-40 litre HDPE reservoir with level sensors and switches from original manufacturer.
13. Third stage system should have facility to remove ionic and organic impurities by the polishing purification packed. Product water resistivity and temperature are measured before dispense and indicate when the purification pack needs to be replaced.
14. System should have auto volume dispense for drop by drop facility like a pipette (50 ml to 7500 ml)
15. System should have online monitoring for resistivity or conductivity and TOC.
16. System should have height adjustable dispenses point which glides easily up and down to accommodate any size of container.
17. System should have one time sanitization for one year.
18. The water within the unit should be re-circulated through the purification technologies to maintain purity. To reduce heat build-up the recirculation is at reduced flow rate and is set to be intermittent (10 minutes every hour)
19. The system should have the safety feature includes low feed shut off, audio visual alarms, PIN coded system settings, dispense shut off during disinfection auto restart.

Product water quality of type 1 water or Ultra- pure water:

- Resistivity : >18.2 M Ω -cm@25°C
- Conductivity : <0.056 microsec/cm
- TOC : < 5 ppb
- Bacteria : < 0.1 CFU/ml
- RNase : < 0.002 ng/ml
- Bacteria endotoxin : < 0.001 EU/ml
- Flow Rate : 2 Litre./min
- Particles : Ultrafiltration

General specifications:

- 1.Satisfactory working report of the quoted model from three reputed Government institutes/hospitals should be included (within two years of submission of bid).
- 2.All equipment should specify design qualification, installation qualification, Operational Qualifications and performance qualification. Validation and calibration reports should have traceability towards applicable national/international standards.
- 3.Original product catalogue should be provided by the firm. Necessary documents, technical write up in English shall be attached with the offer both in hard and soft copies. Performance, efficiency, other factors such as distortion etc. as applicable be also furnished.
- 4.Installation: the bidder must arrange for the equipment to be installed by certified or qualified personal; any prerequisites for installation to be communicated to be the laboratory in advance.

Onsite, in lab customer training to be provided. The equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating (5/15 Amp)

5. 5 years back to back warranty followed by the 5 years CMC should be provide by the company and warranty should commence only after delivery of satisfactory working report and five years of free supply of consumables.

1. Scope of Work :

The order quantity may based on the requirement of the Office of the Principal, GMC Guwahati Equipments shall be delivered at office premise or at concerned deptt of Microbiology, GMC, Narakachal Hill Top, Guwahati-32 free of cost.

2. Eligibility Criteria

The bidder should be bonafide. Which shall mean an entity:

- (a) Having a valid Trade license issued by the Competent Authority.
- (b) Having a registration certificate of the firm under the Assam Shops & Esstt. Act,1971:
- (c) Having Permanent Account Number; (PAN No.)
- (d) Having GST registration;
- (e) TAN certificate (valid)
- (f) Having minimum annual turnover of Rs. 20.00 lakh.
- (g) IT Return for F.Y. (2016-17,2017-18, 2018-19) certified by CA.
- (h) Having experience of at least 3 years providing such services (Supply of Equipments to any Central/State Govt. Organisation or a large Public Sector Undertaking/Board/Project Mission or reputed private organization in Assam. Copy of Purchase Order/Work Order to be submitted.
- (i) Meeting all other requisites laid down in this Section and elsewhere in the tender document.

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- (j) A notarized self declaration that the vendor has not been black listed/legal suit by the institution of the Central of State Govt./Bank of any financial institution.

3. Assessment of proposals :

Proposal received will be assessed by a committee constituted for the purpose. The Committee will technically evaluate proposals of eligible agencies (as per criteria) of the Tender Document. Based on profile & track record. Previous experience in carrying out works of similar nature. The Principal, GMC reserves the right to award one or more than one agency for its requirement as per the finalized bidder rates. Terms and conditions and also, to place order for a part item/combination of the quantity offered. The Principal, GMC will award to contract to the Tender whose bid has been determined to be substantially responsive to the tender document and who has offered the lowest Evaluated Tender Price, provided further that the tendered has the capability and the resources to carry out the tender effectively. The contract shall not be **Award merely because the rate quoted is low** but the **competence** of the term in relation to managerial capabilities, sustainability, track record, technical and financial soundness etc. shall be given due consideration and the final decision shall depend all these parameters.

4. Delivery place & period

The items/article to be supplied free of cost at office premise of the Office of the Principal/Concerned Deptt.department Gauhati Medical College, (Narakachal Hill Top) Guwahati-32. Within the time frames set by the Principal, GMC, Guwahati-32. Failing which penalty clauses would be applicable.

5. Other important information :

- (a) Unsatisfactory performance of any agency in terms of delays, repeated non participation in bids, withdrawing from bids on opening of financial bids resulting in re-tendering of job, etc. can result in dropping the Agency.
- (b) The application should be complete in all respects. Conditional/incomplete application are liable to be rejected.
- (c) The Principal, GMC, Guwahati reserves its right not to accept bids from agencies resorting to unethical practices or on whom investigation/enquiry proceedings has been initiated by the Government Investigation Agencies/Vigilance Cell.
- (d) Consortium of Agencies/Sub-Contract of work is not allowed.
- (e) The Principal, GMC, Guwahati will periodically review the performance of the empanelled firm.
- (f) The Principal, GMC, Guwahati will take action as deemed fit in cases of underperformance, submission of erroneous bids, irregularity in participation in the Principal, GMC, Guwahati tender processes/bids, etc. Action taken could include removal of the agency from the empanelled list.

(Contd-4)

- (g) The bidder should make available the offered products, if desired, during evaluation of bids for benchmarking of the application submitted.

6. Tax Deduction at Source:

Tax deduction at source shall be governed as per prevailing rules.

7. Penalty Clause:

Penalty in case of undue delay in supply of Equipments, submission of erroneous equipments, under performance, could be in the form of deduction from the total amount payable to the agency for the work awarded, A penalty of maximum 5% of valued of the goods for delay in delivery and value of recovery of defective consumables will be effected unless replacement is not done by equal amount of Equipments.

8. Termination by Default:

The Principal, GMC, Guwahati reserves its right to terminate the contract of any agency/agencies in case of change in the Government procedures or unsatisfactory services.

9. Force Majeure:

Neither party will be liable in respect of failure to fulfil its obligations if the said failure is entirely due to Acts of God. Governmental restrictions or instructions. Natural calamities or catastrophe, epidemics or disturbances in the country. The party affected by an event of Force Majeure will immediately notify the other party of such an event and will also notify the unaffected party on cessation of disability resulting from such Force Majeure act. Labour dispute or any breakdown of machinery/services at agencies premises shall not constitute Force Majeure.

Interested agencies may submit proposals as stated under guidelines for submission of proposals to the Office of the Principal, Gauhati Medical College, Guwahati-32. **latest by 25th January 2020 at 4.00 p.m.**

10. General Terms & Conditions :

- i. The Tender Bids containing terms and conditions can be obtained from the Office of the Principal, Gauhati Medical College , Guwahati-32 on a payment of non-refundable Rs. 2,000/- (Rupees two thousand only) in the form of a Demand draft in favour of " The Principal, Gauhati Medical College, Guwahati-32. during working hours/working days. Tenders may be sent by registered post/or may be dropped in Tender Box in this office on or before **4.00 p.m.** The Office of the Principal, Gauhati Medical College, Guwahati-32. Shall not be responsible for any postal delay.
- ii. Original tender document shall be duly filled in, signed and stamped by the bidder of his authorized person.

(Contd-5)

- iii. Telegraphic/Telex/Fax/Email and letter head quotations are not acceptable and will be rejected.
- iv. The bidder shall have no right to modify/alter/amend/delete any terms/conditions mentioned in tender document. Any failure on the part of the contractor to observe the prescribed procedure and any attempt to canvas for the work will prejudice the contractor's quotation.
- v. Offer will be accepted in Two Separate Sealed envelopes super scribed Financial Bid containing Price Schedule (Annexure VII) and Technical Bid containing EMD and other documents respectively (Annexure I-VI). Both the envelope should be enclosed in a separate sealed envelope super scribed suitably Tender Enquiry For Supply of Equipments with Addressed to the Principal, GMC, Guwahati-32 with the address of the company/agency/establishment on the bottom left hand side of the cover.
- vi. In case the date of opening of tenders is declared a holiday for unexpected reasons, the tenders shall be opened at the same time on the next working day.
- vii. All documents submitted should be self-attested with seal of the bidder.
- viii. All pages of the bids including all enclosures should be numbered (except printed leaflets/catalogue) and must be duly filled in, signed and stamped by the bidder or his authorized representative. Offers received without signature and seal on all pages are liable to be rejected.
- ix. **After confirmation of the Order to the selected firm the equipments has to be supplied within a time period of 20 to 25 days.**

11. Financial Bid:

The Financial Bids must be submitted in the prescribed format in the **(Annexure-VII)** in a separate sealed cover kept inside the main cover. The Financial/Commercial Bids of those tenders who are found **technically compliant** will be opened on a specified date and time to be intimated to the eligible tenderer only. A duly constituted Tender Evaluation Committee will evaluate the Commercial Bids.

12. Bid Security (EMD)

- i. Each tender must be accompanied by Bid Security/EMD "in original" for an amount of **Rs. 20,000/- (Rupees twenty thousand only)** in the form of a Account payee Demand Draft in Favour of "The Principal, GMC, Guwahati-32.

(Contd-6)

The Principal, GMC, Guwahati-32 EMD should be valid up to 6 months starting from the date of submission of Tender.

The Bid Security shall be valid and remain deposited with the Indenter for the period of forty-five days beyond the final bid validity period.

ii. In case of non-submission of Bid Security, the tender would be rejected without assigning any reason.

iv. No interest shall be payable by the Indenter on the Bid Security.

v. The Bid Security is liable to be forfeited if the Bidder withdraws or impairs or derogates the bid in any respect within the period of validity of this offer.

vi. If the successful Bidder fails to furnish the Performance Security (as required under Rule 158, General Financial Rules, 2005) then the Bid Security (EMI) shall be liable to be forfeited.

13. Performance Security

i. The successful bidder shall furnish Performance Security' for an amount of 5% of work order value to ensure due performance of the contract within fifteen (15) days or earlier from the date of receipt of communication from **the Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32** informing "Acceptance of Bid-.

ii. The Performance Security shall remain valid for a period covering the warranty period i.e. 1 (one) year minimum.

iii. Failure of the bidder to submit the above-mentioned Performance Security shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

iv. The Performance Security as mentioned in the sub-para (i) above shall be released on satisfactory completion of all contractual obligations.

v. The Performance Security shall be furnished in the form of a Bank Guarantee/Bank draft in the name of " **the Principal, Gauhati Medical College, Guwahati-32. payable at Guwahati.**

vi. Performance security will be forfeited in case of failure to comply with contract condition/dissatisfaction services.

14. Communication Of Acceptance

Acceptance of tender by the Indenter will be communicated by registered letter/ speed post/ cable/ telex/ fax/e-mail or a formal letter of 'Acceptance of Bid' or 'Work Order' informing amount of Performance Security to be deposited. The award of work order,

when issued to successful bidder, constitutes the contract with collateral supports from terms and conditions of the tender limitation notices as well as formal agreement on non judicial stamp paper if any, all of which finally form the contractual obligations to be adhered to / performed by the bidder Non-performance of any such obligations make the bidder liable for consequential effects.

(Contd-7)

15. Disclaimer

The near relatives of employees of the **Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32** are prohibited from participation in this tender. The near relatives for this purpose are defined as:

- (a) Members of a Hindu Undivided Family.
- (b) The one is related to the other in the manner as father, mother, sons(s), son's wife (daughter-in-law), Daughter(s) and daughter's husband (son-in-law), brother (s) and brother's wife, sister(s) and sister's husband (brother-in-law)
- (c) Their husband and wife.

16. Indemnification

The Bidder/Supplier shall, at its own expense, defend and indemnify the owner against all third party claims.

The Bidder/Supplier shall expeditiously extinguish any such claims and shall have full rights to defend itself there from. The Indenter shall not pay any compensation to a third party resulting from such infringement and the Bidder/Supplier shall be fully responsible for the same, including all expenses and court and legal fees.

The Indenter will give notice to the Bidder/Supplier of any such claim without delay, shall provide reasonable assistance to the Bidder/Supplier in disposing of the claim, and shall at no time admit any liability for or express any intent to settle the claim. Final payment to the Bidder/Supplier by the Indenter will not be made while any such suit or claim remains unsettled.

17. Payment Terms and Conditions:

The term 'payment' mentioned in this part includes all types of payment due to the contractor arising on of this contract excluding Earnest Money and Security Deposit governed by separate clauses of the contract.

- All payments shall be credited to the bank account of the contractor subject to availability of fund after the supply of the specific work order is completed. No interest or penalty would be paid by the Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32 in case of delay\ in payment due to official reasons.
- No payment shall be made in advance or that shall any loan from any bank or financial institutions be recommended on the basis of the order of Award of work.

18. Arbitration

All disputes and differences arising out of, or in any way, concerning this agreement (except those, the decision whereof is otherwise, hereinbefore provided for) shall be referred for sole arbitration by any person to be nominated by the Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32. The award of the arbitrator so appointed shall be final and binding on both the parties.

(Contd-8)

Checklist for Pre-Qualification cum Technical Bid

Following documents are required to be submitted in the Pre- Qualification cum Technical Bid in a special Envelop . Superscribed “ TECHNICAL BID”

Sl No.	Items to be submitted	Remarks
1	Covering letter including the list of all enclosures	
2	Original tender document duly filled in, signed and stamped by the bidder or his authorized representative of the bidder. Additional information Annexure- II	
3	Bid Security (EMD) Annexure- III	
4	Attested Copies of the following i) Registration Certificate of the firm ii) Income Tax Return for the last three years. iii) PAN no and TAN No. iv) GST registration v) Registration certificate of the firm under the Assam Shop & Esstt. Act, 1971; vi) Trade license. Annexure -IV	
5	Proof of successfully providing of the similar services (supply of stationery items) i.e certified copies of the work order for providing similar services for any other Govt./Semi Govt. Institutions / Board or Project Mission in Assam in the during last three years along with endorsement from the concerned Institution.	
6	A notarized self declaration that the vendor has not been black listed/legal suit by the institution of the Central of State Govt./Bank of any financial institution.	

(Contd-2)

7	Undertaking to accept Terms and Conditions of the Tender document and to comply with them (on Non- Judicial stamp paper of denomination of Rs. 50/-or Rs. 100/-)	
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SIGNATURE OF BIDDER
(PROP./ PARTNER/ Authorized Signatory)
Name & Address with Seal of the firm

(FOR OFFICIAL USE ONLY)

Bid (PQB) Accepted for further processing

Bid rejected (Reasons for rejection.....

.....

TECHNICAL BID

(To be submitted in a sealed envelope to the Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32 so as to reach before the last date and time of the closing of the bid)

1. Name & Address of Bidder/Agent:
2. Permanent Income Tax A/C No. of the bidder :
3. Name & Address of Banker of the bidder :
4. Business Name and constitution of the bidder firm.
Also state if the firm is registered under
 - i) The Indian Companies Act, 1956
 - ii) The Indian Partnership Act. 1932
 - iii) Any act, if not, who are owners,
(please give full Name and address)
5. For partnership firms state whether they are registered or not registered under the Indian Partnership Act, 1932. Should the answer to this question by a partnership firm be in the affirmative , please state further:-
 - (i) Whether by the partnership agreement authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.
 - (ii) If the answer to (i) is in the negative , whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the tender to refer disputes concerning business of the partnership to arbitration.
6. State whether business dealing with you has been banned by any Central/ State Government Organization ? If so, give details

Signature of witness

Full Name and Address of Witness

Signature of Bidder

1. Full name & address of the Person
Signing (In BLOCK LETTER)
2. Whether signing as Proprietor/ Partner/
Constituted Attorney/ duly authorized by
company

Bid Security (EMD)

Bid Security (EMD) as required by this Tender Enquiry id being submitted in the form of Bank Account Payee Demand Draft in favour of “ **The Principal, Gauhati Medical College, Narakasur Hill Top, Guwahati-32** payable at Guwahati and duly discharged in its favour in advance

Details of Demand Draft attached :

No.....Dated.....

Drawn on (Bank).....

Amount.....

SIGNATURE OF BIDDER
(PROP./ PARTNER/ Authorized Signatory)
Name & Address with Seal of the firm

Income Tax Return & PAN Number

Self Attested Copies of IT return & PAN Number, as required by this Tender Enquiry is being submitted along with this tender as details given below:-

	Remarks
Copies of Income Tax Return for last three Assessment Years	
Certificate of Chartered Accountant declaring annual turnover ⁴ of the last three years	
Copy of Permanent Account Number	
Copy of TAN Number	
Copy of Trade License	
GST registration	
Copy of Certificate of Registration under Assam Shop & Estb. Act.1971	

SIGNATURE OF BIDDER
(PROP./ PARTNER/ Authorized Signatory)
Name & Address with Seal of the firm

- (a) Whether any work of Govt. or Semi Govt. Deptt. /Board/ Project Mission of Reputed private Organization has been done in previous Year Y/N.....
- (b) If yes, furnish full details (along with copy of work order/ agreement etc with list)

**SIGNATURE OF BIDDER
(PROP./ PARTNER/ Authorized Signatory)
Name & Address with Seal of the firm**

UNDERTAKING

(To be submitted on Rs. 50/- or Rs.100/- stamp paper)

Declaration by the Bidder

I/We _____ hereby declare
That:

1. I/We am/are the supplier of Equipments duly recognized by the Govt. of India/State Govt./Any other reputed Public Institution/Body have examined the above-mentioned tender document including amendment/corrigendum (if any) the receipt of which is hereby confirmed.
2. I/We do hereby offer to supply of instruments & Equipments at the prices and rates mentioned in the price bid. **The delivery at "the office of the Principal, Gauhati Medical College, Guwahati" or Deptt. of Microbiology of Gauhati Medical College venue of shall be made free of cost at the time specified.**
3. I/We agree to abide by my/our offer for a period of 180 days from the date of opening of the tender
4. I/We have carefully read and understood all the Terms and Conditions of the tender and shall abide by them.
5. I/We agree for the all clauses and payment terms & conditions if this tender enquiry. In case any condition put forth by us is against the terms & conditions of tender. The same shall be treated as to be having no affect whatover and that the tender terms & conditions shall only prevail upon such conditions, if any.
6. I/We agree that in the event of any dispute or differences, the decision of the "**Office of the Principal, Gauhati Medical College, Narakachal Hill Top, Guwahati-32**" shall be final binding on me/us.
7. I/We hereby undertake that none of my relative (s) as defined in Disclaimer Clause (15) is/are employed in "**Office of the Principal, Gauhati Medical College, Narakachal Hill Top, Guwahati-32**"

SIGNATURE OF BIDDER
(PROP./ PARTNER/ Authorized Signatory)
Name & Address with Seal of the firm