



GAUHATI UNIVERSITY
INSTITUTE OF SCIENCE AND TECHNOLOGY (GUIST)
Gopinath Bordoloi Nagar, Guwahati-781014
Telephone No.: 9954028440
www.gauhati.ac.in

NO.: GUIST/ A. Sc./2017/02

Date: August 17, 2017

Notice Inviting Quotations (NIQ) Notification

Ref. No. GUIST/ A.Sc./2017/02 Date: August 17, 2017

RE-ADVERTISEMENT INVITING TENDER FOR FUMEHOOD

Sealed quotations are invited for purchase of a fume hood. As the previous tenders received for advertisement reference no NO.: GUIST/A.Sc./2017-18/01, dated-12th June, 2017 do not comply to the requirements so it has been re-advertised with more detail specifications here. **Kindly note that previous suppliers may resend their tender without the EMD as of now.**

Technical Bid is to be submitted in an envelope (Envelope-I) super scribing clearly as Technical Bid and Financial Bid is to be submitted separately in a separate envelope (Envelope-II) super scribing clearly as Financial Bid. Both the Technical Bid and Financial Bid in two different envelope (Envelope-I & Envelope-II), must be put in to One Single Envelope super scribing Quotation for supply of "Fume hood". The last date of submitting the quotations to the undersigned is 31.08.2017 upto 3 PM. Opening will be on 01.09.2017 at 1p.m. The sealed quotations are to be submitted along with the earnest money of 2% of total quoted value in the form of DD in favour of The Registrar, Gauhati University, in the GUIST office on all working days till the last date and time, during office hours. Interested agency may collect the detail NIQ Document from the office of the GU IST (may be downloaded from the GU website), on payment of a fee of Rs. 1000/- in the form of DD in favour of The Registrar, Gauhati University.

Quoted price should include AMC for five years (if any)

Sd/-

Prof. Manab Deka, Director, GUIST

Copy To:

1. Treasurer, GU for information
2. M/s Gulf Adv. Agency, Punbazar, for publishing the notice in the Assam Tribune in Classified Tender Section in its immediate next issue, and submit the bill for payment
3. Notice Boards
4. Office Files

Terms and conditions for new bidders:

1. Only vendors who collect the detail NIQ (may be downloaded from the GU website) paying the prescribed fee of Rs. 1000/- may submit the Quotations.
2. The agency must be OEM/Dealer/Service Integrator.
3. If the agency is not OEM, OEM authorization to quote against this NIQ must be submitted.
4. **Upon getting the purchase order the supplier must comply with the specification. Any deviation from the specification would result in cancellation of the purchase order and the cost involved in carrying back the goods would be borne by the concerned firm. In such a case the EMD deposited will be forfeited.**
5. EMD against the total quoted value (Not on Unit Price) must be deposited through DD in favour of The Registrar, Gauhati University @ 2% of the total value (Not the unit price).
6. All tax clearance certificates and Tax Registration certificates applicable in Assam must be attached.
7. The Bidder's audited annual financial statements (balance sheet, Income statement) for the last three years shall be provided. Annual turnover must be of atleast 3 times of the Quoted Value.
8. Bidder must have previous experience of successfully executing minimum of two (2) similar nature contracts within the last two years, each of value not less than 70% of the current quoted value.
9. The Bidder must submit certified copies of supply orders that substantiate fulfilment of the above criteria and information.
10. Bidder must have executed similar orders in Educational Organisations/Govt./Semi Govt. organizations. Certificate must be produced.
11. A signed copy of the Detail NIQ must be submitted along with the technical bid.
12. The Quotation must be submitted in two envelope system:
 - A. Technical Bid: Detail specifications, all relevant documents along with the technical of the submissions.
 - B. The price bid against the detail specifications. Softcopies in CD must be put inside the envelopes.
13. Price bid will be considered only after qualifying in the technical bid system
14. All specifications are minimum.
15. Date of opening of quotation is **01.09.2017 at 1 p.m.** Representatives of the agencies may attend the Quotation Opening Meeting
16. The GUIST reserves the right to modify/cancel the requirements.
17. Non-Conformity of the any of the terms and conditions will disqualify the Agency and price bid will not be considered.
18. All terms and conditions will be as per Gauhati University rules, regulations and decisions.
19. Vendors may quote for both indigenous and imported equipments.



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SPECIFICATIONS FOR FUME HOOD

Laboratory fume cupboard with high performance will be utilized as primary means of protection from inhalation of hazardous vapors during handling of chemicals, chemical fumes, toxic pungent chemicals, dust, particles and heat in non-AC lab. Fume hood should be properly functioning to ensure the health and safety of laboratory personnel from hazards of chemical vapors and other harmful airborne substances.

The supplier may inspect the location of installation of the hood to get an idea of the requirement prior the delivery. A framed-out specification of fume hood is given below:

1. DIMENSIONS (in inches):

1.1 Working Area Size (for setting up reaction equipments and apparatus like steam baths etc) :
46 inch x 36inchx31inch

2. MATERIAL OF CONSTRUCTION:

Galvanized Iron (GI) as per standard

2.1 Metal sheet panels : 1.0 mm thickness

2.2 Back Pillar : 1.5 mm thickness

2.3 Front corner post : 1.2 mm thickness

2.4 Interior : chemical and fire resistance, smooth finish, easily cleanable panels made of durable 6 mm thick PRL work walls

2.5 Colour : Ivory/Orchid blue or Grey and white

3. EXTERNAL FINISH

Highly chemical resistant epoxy coated with dry film thickness of 70 to 80 microns and smooth finish.

4. WORKTOP

4.1 Granite: Chemical resistant splash & spillage proof dished "Jet Black Granite" work top (18 mm \pm 1 mm thick)

4.2 Sink and water Tap: Worktop should have 100 mm X 200 mm size sink on left side of worktop for drainage with three way water tap.

4.3 Lighting: Fluorescent tube light (2 Nos X 40 W) with vapour-proof fitting for proper illumination

5. DOOR/SASH

5.1 Working mechanism: Vertical rising sash counter-balanced with pulley and counter-weight system. Smooth and light sash operation is essential.

5.2 Glass: Impact Resistance toughened/tempered float glass sash of 4 mm thick.

5.3 Clear openable height: 650-750 mm.

5.4 Breaking Stress value for fully toughened glass (Tempered Glass) = 24,000 psi.

6. AIR BLOWER

6.1 Construction : Chemical and heat resistance blower with aerodynamically balanced impeller, with drain plug

6.2 Exhaust Blower : High efficiency Centrifugal power with chemical resistance (out built)

6.3 Motor : 1.5 HP Motor (Reputed Make), 3 Phase, Direct Drive

6.4 Sound Level : less than 70 db at 1 meter distance from fume hood

6.5 Ducting : Chemical Resistant FRP duct, pipe from fume hood to exhaust point with suitable rain hood and elbow point, length 25-35 feet

6.6 Exhaust port design should ensure that the fumes are exhausted smoothly without any turbulence and ensure low noise level

7. STORAGE BASE CABINET

7.1 Internal special chemical resistant material PRL lining to the cabinet walls

7.2 Complete powder coated rigid structure to support Fume hood.

7.3 One removable horizontal partition to store chemicals

7.4 Polypropylene trays for chemical storage and Latching System for the Base Cabinet doors

8. ELECTRICAL ARRANGEMENTS

8.1 Electrical sockets (6 nos; 230 V, 6/16 A, 50 Hz; Reputed make.)

8.2 MCBs with blower NO/NC switch with built — in starter & light switch on front side (6 nos).

8.3 Cables & wires 'should be Fire Retardant' grade.

9. CONTROL VALVES FOR GAS AND WATER

9.1 Raw water Control: 2 Nos (PU Make)

9.2 Nitrogen gas Control : 2 Nos (PU Make) :

9.3 Vacuum Control : 2 Nos (TEFLON MAKE)

10. APPARATUS HOLDING GRID

10.1 Grid should be made up of Duralumin Powder coated rod of 12.7 mm diameter

10.2 Installed at the distance of 150 mm from backside of fume hood.

10.3 Should cover the entire length of the fume hood and will be built-in at fume hood backside.

10.4 Should be easily removable.

11. AIR FLOW AND TEMPERATURE INDICATOR

11.1 Should indicate the approximate face velocity of airflow with primary purpose of warning when a low flow condition occurs. When flow decreases from Normal to Low, an audible alarm and LED indication should actuate.

11.2 Plug-in connection for power supply and airflow sensor

11.3 Com port for local or computer connection

11.2 Temperature indicator (reputed make) should be provided. Accuracy: 0.25% of reading.

Scope of work

1. Supply conditions

- i) Vendor should supply the complete fume hoods as per specification and list of deliverables.
- ii) The item and accessories should be delivered in original safe packaging in order to avoid transportation damages while shipping/transporting to the laboratory.
- iii) Wooden packing for fume hood, base cabinet and centrifugal blower is necessary.
- iv) Vendor is responsible for safe delivery.
- v) Vendor is responsible for installation and demonstration of proper functioning of fume hood.
- vi) Pre-installation requirements should be clearly indicated in the offer.
- vii) Installation should be carried out by skilled team for ducting, fitting, fixing of blower and commissioning at free of cost.
- ix) Warranty for at least 1 year shall be provided from the date of satisfactory installation with operating and maintenance manual.

LIST OF DELIVARABLES

The fume cupboard consisting of following items should be delivered

- 1) Fume cupboard base
- 2) Granite work top, storage area, sash door, sink, tap, gas, & water control valves
- 3) Tube lights, Switches
- 4) Apparatus holding grid
- 5) Temperature indicator
- 6) Flow indicator
- 7) High quality Motor, Blower and Rainhood
- 8) FRP Duct
- 9) Operation and maintenance manual

ANNEXURE-I

OFFICE OF THE DIRECTOR, GUIST: GUWAHATI- 14

TECHNICAL BID (FOR ENVELOP I)

I. General Particulars:

The Bidder should provide the following particulars along with relevant supporting documents:

1. Name of the firm :
2. Status of the firm (please tick) Proprietorship/ Partnership/ Co-operative/Company

3. Name of the Proprietor/Partner/Managing Director (as the case may be)
4. Mailing address:

5. Firm Registration No.....GSTIN No.....
6. (i) Tel. No..... (ii) Mobile No..... (iii)Fax No.....

7. E-mail address.....

8. Name and designation of the person authorized to make commitments to the Gauhati University
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.....

9. Year of establishment of the Organization.....
10. Description of business and business background (on firm's letter head with seal).
Client profile.... (On firms' letter head with seal).
11. Address of the firm's office/ establishment in Guwahati/ Assam

12. Details of similar work of Govt./ Semi Govt./ Autonomous/ Local bodies / Universities/ other institutions during last two years (on firm's letter head with seal)

13. Turnover details for past two years, please enclose Profit & Loss A/c and Balance

Sheets duly audited by Chartered Accountant. (Attach copies of Work Order and satisfactory completion of work)

14. Details of Bank Account No.

(i) Name of the Bank.....

(ii) Branch Code.....

(iii) IFSC Code.....

(iv) MICR Code.....

15. Details of Tender Processing fee (non refundable)

(i) Amount.....

(ii) D. D. No.....Date.....Bank.....

Verification

1. We confirm that we shall abide by all the terms and conditions contained in the application for pre-qualification.
2. All the details mentioned above are true and correct and if there are misrepresentations of facts on any matter at any stage, competent Authority of the Gauhati University has the right to reject the proposal and disqualify us from the process.
3. We hereby acknowledge and unconditionally accept that Gauhati University can at its absolute discretion apply whatever criteria, if deems appropriate for short listing of bidders.
4. We also confirm that we have noted the contents of the enclosed documents forming part of it and have ensured that there is no deviation in filling our offer in response to the tender. The Gauhati University shall have the option to disqualify us in case of any such deviations.
5. After receipt of purchase order and upon supply of the item, if Gauhati University detects deviation of any specifications of the supplied items, we understand that Gauhati University has the right to cancel the Purchase order. We agree to take back the supplied item(s) at our own cost.
6. We have enclosed all the relevant documents as mentioned above.

ANNEXURE-II

FINANCIAL BID (FOR ENVELOPE-II)

Rates must be shown in following order:

Sl No	Item Specification	Unit Price	Tax applicable	Quantity	Total Price
			Total Price w/o Tax		
			Tax:		
			Total Price with Tax		

Sd/-

(Manab Deka)