



भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

पश्चिम क्षेत्रीय कार्यालय : 'मानकालय', ई-9, एम.आय.डी.सी., रोड नं. 8, अंधेरी (पूर्व), मुंबई - 400 093.
Western Regional Office : 'Manakalaya', E-9, M. I. D. C., Road No. 8, Andheri (E), Mumbai - 400 093.

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Our Ref: WROL/ 2:35/10-11

Dt 6/07/2010

Subject: Inviting Sealed Tender for the supply of "Fume extraction system(Fume hood)".

To,

Sir,

Sealed Tender in Two Bid system is invited by Bureau of Indian Standards for the supply of 3 numbers "**Fume extraction system (Fume hood)**" in separately sealed covers, latest by **1500 h**, on 09/08/2010. The sealed tender should be dropped in the tender box kept for the same in the office reception area and should in no case be handed over to any employee/person in hand. The tender shall be addressed to :

**Scientist F & Head
WRO Laboratory,
Bureau of Indian Standards
"Manakalaya"
E-9, M.I.D.C., Behind MIDC Telephone Exchange.
Andheri (East), Mumbai 400 093**

1. Terms and Conditions of supply are given in **Annex-I**.
2. The detailed technical specification of the above mentioned equipment is given in **Annex-II**.
3. The Technical Bid & EMD of the tender document shall be opened in the chamber of Sc. F & Head, WRO Laboratory at the address mentioned above at **1530 h on 09/08/2010** in the presence of such tenderers or their duly authorized representatives, who may like to attend.

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मुख्यालय : मानक भवन, 9 बहादुर शाह जफर मार्ग, नई दिल्ली 110 002
Headquarters : Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002.

4. Please ensure that the envelopes containing Technical & Commercial Bids are sealed separately & properly i.e. either wax sealed or with adhesive cello tape on both ends and superscribed "Technical Bid" & "Commercial Bid". Unsealed and stapled envelopes shall not be accepted. Demand Draft / Pay Order of Rs. 10,000/- drawn towards Earnest Money Deposit in favour of "Bureau Of Indian Standards" payable at Mumbai, shall be kept in a separate envelope and marked as EMD.

The EMD draft shall not be kept inside Commercial Bid envelope. All the three envelopes shall be kept in one common big envelope superscribed with the following information:

"Tender for Fume extraction system (Fume Hood)" and the address as given above.

5. The technical specification of the equipment and terms & conditions can also be downloaded from our website at – www.bis.org.in/other/tender.asp

6. Bid without EMD shall be **summarily rejected.**

7. Please note that the Technical Bids of only such bidders will be subjected to evaluation / assessment, who make an explicit statement towards acceptance of our General Terms and Conditions of Supply given in Annex I through a covering note.

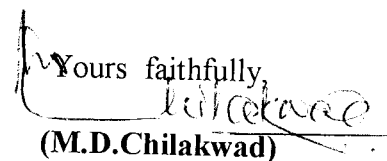
8. Commercial Bids of only such bidders will be opened who agree to the General Terms & Conditions of Supply given in Annex I and whose Technical Bid meets the Equipment Specification as given in Annex II, and on payment of requisite EMD in favour of BIS.

9. The Bidders whose Technical Bid qualifies for acceptance will be informed about the date of opening of their Commercial Bids and will be permitted to remain present at the time of opening of Commercial Bids, if they so desire.

10. Kindly note that the price quoted should be in Indian rupees only and the name & address of Firm/Dealer to whom the order is to be placed should be clearly mentioned.

11. It may be noted that initially order shall be placed for one fume hood. After successful installation and commissioning of the same, order for remaining two will be placed.

Thanking you,


Yours faithfully,
(M.D. Chilakwad)

Sc. E & OIC (Purchase)
Ph: 022-28218806

Encl: as above

ANNEX-I

"Fume extraction system (Fume hood)"

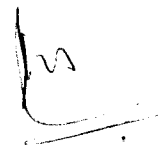
TERMS & CONDITIONS

1. The Bureau gives **FIRST PREFERENCE** in its purchase to Goods bearing ISI Certification Mark and then preference is given to those Goods which conform to the relevant Indian Standard Specifications.
2. The delivery of the equipment shall be made within 60 days of receipt of the order on **door delivery basis**. If it is not possible to effect delivery within the stipulated period, the supplier/manufacturer is required to specify the date by which he can guarantee the delivery of the equipment.
3. The **Technical & Commercial Bids and the EMD draft, with Ref No. & Date indicated on each envelop shall be sealed in separate envelopes**. All the three envelopes shall be kept in one common envelop duly sealed & super scribed with the required information given in the covering letter. The Bids shall remain valid for a period of **120 days** from the date of opening of Technical Bid.
- 3.1 The **Technical Bid** - shall be accompanied with complete specification, manufacturer's name, address, make & model No. of the equipment quoted, warranty period along with following details:
 - a. List of infrastructural facilities and consumables to be arranged by the Bureau required for installation & commissioning of the equipment.
 - b. **List of at least 5 (five) reputed users like PSUs, Govt Labs in India, Regulatory bodies, Industries of repute** to whom the same equipment has been supplied.
 - c. The supplier/manufacturer should have local service support facility. Details of such locations near Mumbai from where after sales services shall be provided along with the name, address, contact number of authorised Servicing Agent. The supplier/ manufacturer should be able to undertake Annual Maintenance Contract along with required calibration for post warranty support. Warranty Period of the equipment quoted shall not be less than one year.
 - d. The optional and any other essential items/accessories required for maintenance of the equipment for the next three years.
 - e. Technical literature of the equipment highlighting the salient features including operational, safety features, Dos & DON'Ts.

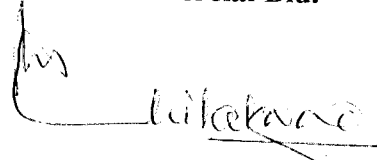
Note: The period of warranty quoted for the equipment shall in no case be less than one year.



4. Cost of the equipment should be mentioned only in the **Commercial Bid**. Under no circumstances, cost of the equipment be declared in Technical Bid. **It may be noted that the Cost declaration in Technical Bid in any manner is liable to make the Bid invalid.**
5. The tender received in the any one of the following manner are liable for rejection:
 - a) Incomplete Tender as well as Tender/Bids quoted with indefinite expressions such as "Subject to immediate acceptance, Subject to prior sale" etc.
 - b) Tender not accompanied with Demand Draft of requisite amount towards "Earnest Money Deposit".
 - c) Tender which is submitted without following the Two-Bid System.
 - d) Unsigned Tender.
6. The rate quoted should separately indicate Basic Cost of the equipment with all accessories, Excise Duty, Sales Tax, P&F charges, VAT and any other duty /tax as **applicable. Bureau is exempted from Octroi. Certificate or letter for exemption from paying Octroi will be provided by us after placing purchase order while taking delivery of the equipment.** In absence of any such stipulation, it will be presumed that the price includes all such charges and no claim for the same shall be entertained at any later date. **Form C/D shall not be provided by BIS. The payment shall be made in INR only.**
7. Each tender document shall be accompanied with an **EMD of Rs. 10,000/-**. The demand draft for the EMD amount shall be drawn in favour of "**BUREAU OF INDIAN STANDARDS**" payable at Mumbai. The sealed envelope containing EMD should be superscribed "**EMD**" and **stapled separately with the envelope containing the Technical Bid.**
8. EMD of the unsuccessful bidders shall be returned to them at the earliest after expiry of the bid validity and latest on or before the 30th day after award of the contract whichever is earlier.
9. After receipt, satisfactory installation & commissioning of the equipment, EMD of the successful bidder shall be either refunded or adjusted against the Contract Performance Security Deposit to be retained by BIS.
10. BIS shall pay 90 % of the cost and taxes in full after satisfactory installation & commissioning. The balance 10 % will be retained as Contract Performance Security and would be released after satisfactory expiry of Warranty Period (one year minimum).



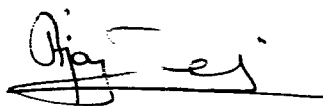
11. The **warranty period** of the equipment shall **be stated clearly** in the Technical Bid. In case the same is not found stated, it will be presumed that the **warranty period mentioned in the tender document is applicable.**
12. Please mention clearly in the Technical Bid, the complete address and contact details of **arrangements for service/repair** of the machine. Suppliers having such arrangements near Mumbai would be preferred.
13. The goods received would be subject to acceptance by BIS after successful installation, commissioning and the decision of BIS in this regard shall be final & binding. Rejected items/goods shall be removed by the supplier at his own cost and risk, within 30 days of the receipt of notice for the removal of such goods, and no liability, whatsoever, on the Bureau shall be attached for the rejected/disapproved goods/items.
14. **The Bureau reserves the right to accept or reject summarily the tender in whole or part thereof without assigning any reason whatsoever.**
15. The Bureau takes no responsibility for delay, loss or non-receipt of tender after despatch.
16. **In case of non compliance with the Terms & Conditions of the contract, the Bureau reserves its right to:**
a) Cancel/rescind/revoke the order if supply is not made in time and is not conforming to the required specifications.
b) Impose Penalty up to 10 % of the total value of the order for a delay of every seven days after the schedule date subject to the ceiling of a maximum of 10% of the total value of the order.
17. All questions, disputes or differences arising out of or in connection with this tender enquiry shall be subject to the exclusive jurisdiction of Mumbai Courts.
18. **The authorised signatory of the bidder shall sign with name & designation of the signatory spelt out on each page of the Technical as well as Commercial Bid.**


(M.D.Chilakwad)
Sc. E & OIC (Purchase)

Annexure II

Technical Specification of "Fume extraction system (Fume hood)"

| Sl No. | Parameter. | Requirement. | Response of Bidder : Indicate Yes or No) |
|--------|-------------------------|--|---|
| 1. | Size | 1500 mm X 900 mm X 2250mm Working platform height : 750mm | |
| 2. | Design Structure | Aerodynamic, Platform mounted | |
| 3. | Airflow Type | Automatic Bypass type. | |
| 4. | Construction (Exterior) | Epoxy powder coated, Galvanized steel along with phenol based industrial laminate . | |
| 5. | Construction (Interior) | Phenol based Industrial Laminate (Minimum 6mm thick), Resistant to acid. | |
| 6. | Baffle arrangement | 3 point suction system (for light, normal & heavy fumes) with baffle to ensure smooth and immediate exhaust of fumes. | |
| 7. | Airflow Monitor | Air Flow monitor digital type for monitoring the flow of air. | |
| 8. | Temperature Indicator | One Temperature indicator installed on the front fascia of the Hood. | |
| 9. | Table /Work top. | Chemical resistant splash, stain, fire retardant & rust proof spillage proof. | |
| 10. | Shutter. | Vertical rising counter – Safety Glass (minimum 6mm thick toughened float glass). Smooth and light sash operation. Clear sash open height minimum 700mm. The door should be electrically operated. | |
| 11. | Fail Safe Device | Shutter fail-safe locking arrangement to prevent sudden breakdown of shutter. | |
| 12. | Wet & dry service | 2 gas points in each fume hood. | |
| 13. | Lighting | CFL Tube light with suitable enclosure for working in presence of chemical fumes (HCL, HF etc.) 25 watt | |
| 14. | Electrical utilities | Four Number electric sockets and switches (230 V, 15A) with LED indicator for on and off | |



| | | | |
|-----|-----------------------|---|--|
| | | position. Soft touch button panel with main switch, switch for blower, tube light with indicator to show on and off position. | |
| 15. | i Centrifugal Blower. | Silent MS+FRP high efficiency remote blower consisting of continuously rating motor and chemical resistant impeller. | |
| | ii Motor. | 1HP (3Phase), direct drive continuous rating. | |
| 16. | Ducting. | Total ducting from fume hood to exhaust point including all fixtures etc. | |
| 17. | Installation. | Complete on site installation including designing, fitting, commissioning, testing and validation has to be carried out by the supplier. The work will include all civil work as required including dismantling of the existing fume hoods at our site. | |
| 18. | Warranty. | Minimum 12 months from the date of successful installation. | |
| 19 | After sales service. | The supplier/authorized partner should have after sales servicing support available at Mumbai. | |

NOTE:

1. Every page of both Technical and Financial bid is to be signed by Authorized signatory of the bidder along with full name and stamp.
2. All the features quoted should be for a single model and not for a group. The model number should be clearly mentioned.
3. The bidder may view the site for installation at the address given in the tender document at any working day with prior permission. No request related to extra work required for installation will be entertained later.

