

**INSTITUTE OF HOTEL MANAGEMENT, CATERING AND NUTRITION  
LIBRARY AVENUE, PUSA, NEW DELHI-110012**

**Tender No. IHM/2023/001**

**NOTICE INVITING TENDER**

**Name of work: - Procurement, fabrication, installation, and commissioning of Air Exhaust System in different training kitchens of IHM, Pusa incorporating the existing concrete vertical chimney ducts of the old building as per the site conditions.**

The Institute of Hotel Management, Catering & Nutrition, Pusa, New Delhi, is an autonomous registered Society which was set up in 1962. It is one of the premier institutes set up by the Central Government under Ministry of Tourism.

**Critical Date Sheet**

S. No.	Particulars	Important Dates	Time	Tender Processing Fee	EMD
1.	Issue of Tender documents	29.01.2023	02.00 PM	Rs.5000/- + 18%GST = 5900/-	Rs.100000/-
2.	Start date for submission of bids	30.01.2023	02.00 PM		
3.	Last date & time for submission of tender	20.02.2023	02.00 PM		
4.	Date & time of opening of Technical Bids	21.02.2023	03.00 PM		
5.	Date & time of opening of Financial Bids	Date & Time will be intimated via e-mail who qualified in the technical bid			

#D.D. to be drawn in favour of Principal, Institute of Hotel Management, Catering & Nutrition, Pusa payable at New Delhi.

# Tender Processing fees and EMD will be exempted to the companies/agencies registered with NSIC/MSME.

**Instruction, Terms and Conditions to Bidders:-**

**1. Scope of Work:**

- Supply, installation and commissioning of Exhaust System in different kitchen labs of IHM, Pusa as per the Annexure-IV enclosed.
- Period for completing the work: The supply, fabrication, installation and commissioning of item shall be made within 8 weeks after issue of work order.
- The guarantee of the whole Exhaust system including motors, fans etc. will be for three years from the date of commissioning.

**2. Eligibility Criteria**

The tenderers must fulfill the following eligibility criteria:-





- i. The bidder should be an established Manufacturer/ Supplier/Dealer to the Central and State Govt. Deptts./ University/ Autonomous/ Educational/Research Institutes/private reputed Universities/ Institute etc. for last 5 years.
- ii. The average annual financial turnover of the bidder during the last 3 financial years 2019-20, 2020-21 and 2021-22 should be at least Rs. 20.00 lakhs. (Certificate issued by Chartered Accountant to be attached as documentary proof)
- iii. At least 3 years of experience of having successfully completed similar work , supply and installation of similar equipment in Government Institution . Copies of minimum three supply orders in the last three financial years (2019-20, 2020-21 and 2021-22) must be attached as documentary proof. The installation of forced draft air ventilation in the labs is a safety requirement of the gas supplying company.

This should be given in the following format on letterhead of Tenderer:-

S. No.	F. Year	Name of Client, Address and e-mail address , Phone No./Mobile No.	Name of similar work	Qty. and Rate	Contract Value

- iv. The bidder should have PAN, GST Registration, applicable in their case and should submit a copy of each of these documents along with acknowledgement copies of the IT Returns for the last 3 financial years 2019-20, 2020-21 and 2021-22.
- v. Tenders are invited for supply of materials manufactured in India by reputed Indian companies. No Chinese material will be accepted in the tender.

### 3. Bidding Procedure

Bidding Application must be accompanied by the following:-

#### Technical Bid (Attached signed and stamped copy of each document)

The following documents are to be furnished by the Contractor along with Technical Bid as per the tender document (Scan Copies):

- i. **Tender document Cost (Tender Fee)/ Earnest Money Deposit** and permanent address of the Firm/Agency/Person.
- ii. A complete list of clients including clients from Govt./Semi Govt./Autonomous Bodies/PSUs Institutions served during last three years with Name, Telephone No, etc along with copies of supply order.
- iii. Earnest Money Deposit amounting to Rs. 100000/- (Rupees one lac only) and Tender Processing Fee Rs. 5900/- (Inclusive GST) in the form of Demand Drafts, drawn separately in favour of Principal , IHM, Pusa payable at Delhi are to be enclosed with the Technical Bid, failing which the tender will be summarily rejected. The Tender Processing Fee is not refundable.
- iv. Copies of supply order as per eligibility criteria.
- v. Details of Bank Account of Bidder i.e. Account No., IFSC Code, MICR No., Bank Name and address, PAN/TAN/TIN/GST, Registration number, if any.
- vi. Copies of Income Tax Return of last 3 financial years 2019-20, 2020-21 and 2021-22
- vii. Copies of audited balance sheet for the 3 financial years 2019-20, 2020-21 and 2021-22





- viii. An authorisation letter from the firm in favour of the person signing the tender documents.
- ix. An attested copy of the certificate of registration/incorporation pertaining to the legal status of the Bidder/Firm/Agency, and Annexure I, II, III, IV and V.
- x. An undertaking to the effect that the Agency/Firm has not been black listed in India (Annexure-III).
- xi. The bidder will be required to give an undertaking on Non-judicial Stamp Paper (Rs 10/-) that he will supply the goods in accordance to the specifications of the work order. At any stage, if it is found that the sub standard/deviation from the specifications/ design/ quality has been made by him, he is liable for penalty and legal action.
- xii. Tender document with **Annexure – I to Annexure V** duly signed and stamped on each page as acceptance of the terms and condition laid down by IHM, Pusa authority.

#### **Technical Bid/Financial Bid**

- i. At the time of the opening of the “Financial Bid”, the names of the bidders whose technical bids were found responsive will be announced. The financial bids of only these bidders will be opened. The remaining bids will be returned unopened to the bidders. The responsive bidder’s names, the bid prices, the total amount of each bid, and such other details as the IHM, Pusa may consider appropriate will be announced by the IHM, Pusa at the time of bid opening. Any bid price which is not read out and recorded, will not be taken into account in bid evaluation.
- ii. Opening of tenders (Financial bids only) will take place as mentioned in critical date sheet in the “**Conference Room , IHM , Pusa** ” in the presence of the representatives of the Firms/Tenderers, who may wish to be present at that time. At the time of tender opening Firms/Tenderers have to come with authorization letter from their organization.
- iii. The tender not submitted in the prescribed formats or incomplete in detail is liable for rejection. IHM, Pusa is not responsible for non-receipt of tender within the specified date and time due to any reasons.
- iv. The IHM, Pusa shall record the presence of bidders on the opening of the Technical and Financial bids.

#### **4. Evaluation Procedure**

Technical bids will be evaluated by the Technical Evaluation Committee on the basis of documents submitted by the bidders with the Technical Bid and required specifications. The financial bids will only be considered of those bidders who will be found technical eligible and other terms and conditions as laid down in the tender.

- 5. **Award of work:** The tender will be awarded on the basis of cumulative lowest rates on BOQ. The PO will be given to L1 agency.

#### **General Term & Conditions**

- i. In case, any modification(s)/addition(s)/ deletion(s) or any alternation in the requirement(s)/ specification(s) etc is required, the same will be appended on the IHM, Pusa **website- [www.ihmpusa.net](http://www.ihmpusa.net)**. Therefore, all the bidders are advised to visit our website before filling/submitted their tenders. No separate advertisement/information will be published in this regard in the Newspapers.





- ii. Acceptance of tender will be intimated to the successful tenderer through a letter of intent (LOI) duly signed by the authorized signatory of the institution.
- iii. EMD/Performance Security of successful bidder may be forfeited, if the bidder withdraws or amends or deviates from the tender in any respect.
- iv. This tender is valid upto 180 days from the issue of tender notification.
- v. In case the item(s) are fabricated/ finished in the campus, the Contractor/Agency shall ensure the protection of their items at site from fire, floodwater, moisture etc. or any kind of damage at their cost.
- vi. IHM, Pusa will not compromise with the quality/sub-standard material. At any stage, it is found that supplier has supplied inferior quality or different material or used inferior quality or different grade of S.S./S.S. Sheet/Tube/Angle etc. as specified in the work order containing specification(s) or he fails to provide the equipments on stipulated date, payment shall be made for such items after reasonable deduction(s)/ rejection of the lot and forfeiting of Performance Security, as deemed fit, in the circumstances & decided by institute or institute can blacklist the supplier from participating in all future bids of the institutions upto the 5 years or more.
- vii. The OEM/Manufacture will extend **three years on site guarantee under guarantee period all the damages shall be repaired/replaced by the supplier at their cost and risk.**
- viii. IHM, Pusa's officials can visit the work place of successful bidder and can review the progress of work and can instruct regarding quality aspect.
- ix. The rates quoted by the bidder shall be complete for supply and placing of the finished items as per the specification(s) and shall be inclusive of all applicable tax, duty(ies) loading, unloading, packing, installation etc. transportation from works to IHM, Pusa, and nothing extra/additional shall be payable on these rates.
- x. In any case, if tenders are not opened due to any reason, the Tender documents, processing Fee and EMD shall be returned to all bidders.
- xi. Conditional Tender will be summarily rejected.
- xii. The EMD of successful bidder will be retained until the submission of Performance Security as security deposit.
- xiii. The EMD of the unsuccessful bidders will be returned to them after the award of the contract.
- xiv. The successful bidder will submit the Performance Security @ 10% of work order in the form of Demand Draft / Bank Guarantee / FDR pledged in the name of IHM, Pusa within 10 days of the receipt of work order. The Performance Security will be retained during the entire period of contract and including the period of extended on site Guarantee as Security Deposit and will be returned after the satisfactory completion of the Guarantee period without interest.
- xv. **The Performance Security @ 10%** of the total work order will be refunded/ returned to the agency, without any interest after the expiry of guaranty period. The performance security should also remain valid for a period of sixty days beyond the date of completion of all contract obligation of the supply including guarantee obligation
- xvi. Tender without EMD & Tender Fee will be summarily rejected.
- xvii. The Institute can ask any clarifications & documents at any stage of the procurement depending upon the circumstances to ascertain quality of material used in manufacturing of items.
- xviii. All the documents attached with the technical bid should be properly tagged, numbered, signed and stamped by the competent authority.
- xix. EMD shall be forfeited in case:-



1. If the Bidder withdraws or amends, impairs or deviates from the tender in any respect within the period of validity of this tender.
2. If the bidder having been notified of the acceptance of his tender by the Buyer during the period of its validity,
3. If the Bidder fails to furnish the Performance Security for the due performance of the contract.
4. Fails to respond to queries by the IHM, Pusa.

#### 6. **PAYMENT TERMS**

The payment will be processed after receipt of performance security @ 10% of the total value of the order in the form of **Demand Draft/Fixed Deposit/ Bank Guarantee** and after satisfactory supply and installation of the equipment. No advance will be given in any condition.

#### 7. **PRICES**

- a. The Price to be quoted FOR Destination only and it's should be inclusive of taxes, freight, Packing, Transit, Installation, Insurance, Inspection Charges etc. and no custom duty, custom clearance and transportation charges will be paid separately.
  - b. Demurrage charges if any will be borne by the supplier only.
  - c. Prices will be fixed at the time of issue of purchase order as per applicable taxes and statutory duties.
  - d. In case of reduction of taxes and other statutory duties during the scheduled delivery period, purchaser shall take into account the reduction in these taxes/duties for the supplies made from the date of enactment of revised duties/taxes.
  - e. In case of increase in duties/taxes during the scheduled delivery period, the purchaser shall revise the prices as per new duties/taxes for the supplies, to be made during the remaining delivery period as per terms and conditions of the purchase order.
  - f. Any increase in taxes and others statutory duties/levies after the expiry of scheduled delivery date or award of contract/work order shall be to the supplier account. However, benefit of any decrease in these taxes/duties shall be passed on to the purchaser by the supplier.
  - g. The Bidder must quote all the rates as per the list and not leave any item unquoted.
8. IHM, Pusa reserves the right to accept or reject any/all tenders without assigning any reason(s).
9. Tenders not on the prescribed Performa (attached), without requisite details, EMD and Processing Fee and received after the closing date/ time of tenders and tenders with any rider will summarily be rejected. Canvassing in any form will be viewed seriously and if any tenderer is found to be resorting to such practices, the tender of such firm will be rejected.
10. **Arbitration Clause:** That in case of any dispute between party of first part(IHM, Pusa) and the part of other party(Agency) arising out of or in relation to the agreement, the dispute shall be referred to Principal for arbitration. The award of the said Arbitrator shall be binding upon both parties. The seat of the arbitration shall be at IHM, Pusa, New Delhi.

11. **Withholding of Payment:** This clause authorizes buyer to withhold payment till end when seller fails in its contractual obligation. The standard text of this clause is as under:

"In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the





deliverables etc as specified in the Contract, the Buyer may at his discretion, withhold any payment until the completion of the Contract”.

## 12. Right of Acceptance of Offer.

(a) Buyer reserves the right to accept partly or reject any offer without Assigning any reason thereof. The Buyer does not pledge itself to accept the lowest or any other tender and reserves to itself the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the Seller shall supply the same at the Rate quoted.

(b) In respect of enquiries, which call for procurement of more than one item, the Buyer reserves the right to consider and accept the offer for any of the items in the enquiry reserving the right to utilize the offer for balance items at a later stage within the validity of offer.

## 13. FORCE MAJEURE

Should any force majeure circumstances arise, each of the contracting party shall be excused for the non-fulfilment or for the delayed fulfilment of any of its contractual obligations, if the affected party within 14 days of its occurrence informs in a written form the other party.

Force majeure shall mean fires, floods, natural disasters or other acts such as war, turmoil, strikes, sabotage, explosions, and quarantine restriction beyond the control of either party.

## 14. PENALTY FOR USE OF UNDUE INFLUENCE

The Seller undertakes that he has not given, offered or promised to give, directly or indirectly any gift, consideration, reward, commission, fees brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contracts or forbearing to do or for having done or for borne to do any act in relation to the obtaining or execution of the Contract or any other Contract with the Government for showing or forbearing to show favor or disfavor to any person in relation to the Contract or any other Contract with the Government. Any breach of the aforesaid undertaking by the seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the seller) or the commission of any offers by the seller or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1988 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the seller and recover from the seller the amount of any loss arising from such cancellation. A decision of the buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller.

Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer/employee of the buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favor in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.

15. **Penalty:** The supply of Equipment/Machine shall be made to this Institute as mentioned in the tender, otherwise 1% penalty per week will be made from the cost of Equipment/Machine (excluding GST) subject to maximum of 10%. If the equipment is not supplied within the specified time i.e. 10 weeks, the EMD/Performance security will be forfeited and order will be treated as cancelled. The agency may also ensure to installation/commissioning/testing within 20 days after supply to the Institute, failing which penalty will be applicable as the same rates.





16. The bidder will be placed in the black list, which will render him ineligible to bid in all future tenders of the institution for a period mentioned in such an order. It will be resorted to under the following extreme situations.

A. Using unfair practices to win the tender by quoting unfair rates to emerge as the lowest bidder and thereafter influencing/pestering the officers to alter the specification of products with variation in specification or accepting a faulty product or a second grade product or a second hand product or going slow in carrying out the works.

B. Pestering the officials for meetings in the guise of dispelling doubts.

C. Threatening the officer through blackmailing and trying to intimidating them by using unfair practices like spreading rumours about them or maligning their reputation on social media etc.

#### 17. **Right to Variation Clause**

To take care of any change in the requirement during the period between issue of Tender and conclusion of contract, Buyer reserves the right to increase or decrease the quantity of the required deliverables without any change in the terms & conditions and prices quoted by the Seller. While concluding the contract, the quantity can be accordingly increased or decreased at the same terms of conditions.

#### 18. **CORRIGENDUM/ ADDENDUM**

Corrigendum / Addendum, if any, would be displayed on [www.ihmpusa.net](http://www.ihmpusa.net) only and shall not be advertised in the newspapers. All the prospective bidders are thereafter advised to keep themselves updated for such corrigendum / addendum before as well as after the submission of bids. The Institute will not be responsible if the prospective bidder do not update them as mentioned above.

#### 19. **CANCELLATION OF THE CONTRACT**

IHM, Pusa shall have the right to terminate the Contract, arising out of finalization of this tender, in part or in full in any of the following cases :-

- a. The delivery of the material or start of works is delayed for causes not attributable to Force Majeure for more than 15 days after the scheduled date of delivery.
- b. When both parties mutually agree to terminate the contract.
- c. At any stage without assigning any reason thereon.

#### 20. **Modification and withdrawal of bids**

The bidders may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to the deadline prescribed for submission of bids. A withdrawal notice may be sent by e-mail but is to be followed by a signed confirmation copy by post not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiry of the period of specified bid validity. Withdrawal and modification of bid during this period will result in forfeiture of Bidder's Bid Security.

#### 21. **Correction of Errors**

1. Bids determined to be substantially responsive will be checked by the IHM, Pusa for any arithmetic errors. Errors will be corrected by the IHM, Pusa as follows:



- a) Where there is a discrepancy between the rates in figures and in words, the rate in words will govern.
  - b) Where there is discrepancy between the unit rate and the item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.
2. The amount stated in the bid will be adjusted by the IHM, Pusa in accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the bidder does not accept the corrected amount, the bid will be rejected.

## 22. PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

## 23. SUBMISSION OF BIDS

The technical bid containing tender fee , EMD and all tender related documents etc. in one sealed envelope and Financial bid in other sealed envelope should be submitted to The Principal, IHM, Pusa, New Delhi -110012 on or before last date prescribed above.

### **For any query, please contact to :**

Ms. Manju Bala,  
Office Superintendent  
IHM, Pusa

**Principal/Secretary**

Institute of Hotel Management,  
Catering & Nutrition,  
Pusa, New Delhi-110012

\_\_\_\_\_  
**Signature of the Tenderer**





**INSTITUTE OF HOTEL MANAGEMENT, CATERING AND NUTRITION**  
**LIBRARY AVENUE, PUSA, NEW DELHI-110012**

**Annexure- I**

**Tender Form (Technical Bid)**

(To be submitted by the tenderer on their letter head. All Columns must be filled in. Relevant documents in relation to these must be enclosed with the technical bid. The bid will be examined on the same.)

S. No.	Particulars	Docs attached (y/n)	Details (to be filled by the tenderer)	Enclosure Page no.
1.	Name of Firm with address, mobile/phone no. & e-mail.			
2.	Tender fee details (Amount DD no., Bank Name, Amount date)			
3.	EMD details (Amount, DD no., Date, Bank's Name a/c no. a/c holder name, Branch IFSC code)			
4.	Type of Firm (Proprietor/ Partnership/ Pvt. Ltd./ Public Ltd.			
5.	Registration Number (Copy to be enclosed)			
6.	Year of Incorporation of the agency (copy to be enclosed) along with the latest registered address of corporate office.			
7.	Length of relevant experience in years (Copy to be enclosed)			
8.	GST Registration(Copy to be enclosed)			
9.	At least 3 years of experience of having successfully completed similar work or supply and installation of similar equipment. Copies of minimum three supply orders for last three financial years 2019-20, 2020-21 and 2021-22 must be attached as documentary proof . Please enclose list indicating i.e. Name of organization, details of work, Quantity, Amount, Contact/ Phone No., Email address. ( Please fill the format already given in eligibility criteria clause)			
10.	Should have the average annual turnover of Rs.20.00 Lakh or more in the last three financial years. (Certificate issued by Chartered Accountant) a) F.Y. 2019-20 (A.Y. 2020-21) b) F.Y. 2020-21 (A.Y. 2021-22) c) F.Y. 2021-22 (A.Y. 2022-23)			
11.	PAN No.			





12.	Bank Account Details			
13.	NISC/MSME Documents			
14.	List of Arbitration cases if any			
15.	Tender Condition Acceptance Letter (Annexure-II)			
16.	Undertaking on Rs. 10 Non Judicial Stamp Paper (Annexure-III)			
17.	Copies of Income Tax Return of last three financial years : a) F.Y. 2019-20 (A.Y. 2020-21) b) F.Y. 2020-21 (A.Y. 2021-22) c) F.Y. 2021-22 (A.Y. 2022-23)			
18.	An authorization letter from the firm in favor of the person signing the tender documents.			
19.	Tender document with Annexure –I to Annexure V duly signed and stamped on each page as acceptance of the terms and condition laid down by IHM, Pusa authority			

The above documents must be enclosed with proper pagination.

Date: -

Signature.....

Name .....

Address .....

Mobile: .....

Seal of firm. ....





## Annexure- II

Date:

To,  
The Principal,  
Institute of Hotel Management , Catering and Nutrition  
Library Avenue , Pusa , New Delhi-110012

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender / Work: \_\_\_\_\_

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned Tender/Work from the web site(s) namely:

\_\_\_\_\_

As per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read entire terms and conditions of the tender documents (including all annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. In case any provisions of this tender are found violated , your department/ organization shall be at liberty to reject this tender/bid including the forfeiture of the Earnest Money Deposit/performance security absolutely and we shall not have any claim/right against deptt in satisfaction of this condition.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)





**Annexure-III****UNDERTAKING**

To,  
The Principal,  
Institute of Hotel Management , Catering and Nutrition  
Library Avenue , Pusa , New Delhi-110012

Sir,

- 1 I/we the undersigned, certify that I/we have gone through the terms and conditions mentioned in the tender documents and undertake to comply with them.
2. It is further certified that our firm has not been blacklisted by any agency in India.
3. We will supply the goods in accordance to the specifications of the work order and not of Chinese origin. At any stage, if it is found that the sub standard/deviation from the specifications/ design/quality has been made by us, we shall be liable for penalty and legal action.

Dated:

SIGNATURE OF THE TENDERER  
WITH SEAL

NAME OF THE TENDERER  
WITH ADDRESS

**NOTE:** Certificate as per above must be submitted only on non-judicial stamp paper of Rs. 10/-(Rs Ten Only)





INSTITUTE OF HOTEL MANAGEMENT, CATERING AND NUTRITION  
LIBRARY AVENUE, PUSA, NEW DELHI-110012

Annexure IV

Ventilation System Specification

BILL OF QUANTITIES

Name of work: - Procurement, fabrication, installation, and commissioning of Air Exhaust System in different kitchens of IHM, Pusa incorporating the existing chimney ducts of the old building as per the site conditions.

GENERAL SPECIFICATIONS FOR EXHAUST HOODS	
Function	Exhaust ventilator to extract cooking pollutant and heat.
Construction	<p><b>1 General</b></p> <ul style="list-style-type: none"><li>- Fabricated from 202 grade stainless steel, SWG 18, grit 320 and seamless up to 130 inches</li><li>All visible corners are welded and have no mechanical fixings</li><li>- <b>Ends shall be double sidewall constructed</b></li><li>- All internal and external edges are double folded</li></ul> <p><b>2 Hanging Brackets</b></p> <ul style="list-style-type: none"><li>- Stainless steel hanging brackets 27 inches high for fixing with M8 rods</li></ul> <p><b>3 Grease Tray</b></p> <ul style="list-style-type: none"><li>- Grease tray with double folded grip fitted into the grease drain channel of the filter plenum to enable removal of the extracted grease and dirt removed by the Fecon filters.</li></ul> <p><b>4 V-ITL Lighting</b></p> <ul style="list-style-type: none"><li>- Integrated LED lighting (230V) providing 500 Lux. on the working surface</li><li>- 4mm thick toughened glass hinged diffuser with two safety chains and quarter closings</li><li>- Heat resistant to minimal degrees 110 C</li><li>- Electrical connection box on the top</li></ul> <p><b>5 Fecon Filters</b></p> <ul style="list-style-type: none"><li>- Fully welded stainless steel Fecon cyclone filters 2" thick.</li><li>- Two integrated staggered handles on two sides of the filter</li><li>- 10% opening on the top and bottom of the filter for drainage of moisture and grease</li><li>- Tested fire barrier to be demonstratable in the hood.</li><li>- Size of the filter must be related to the exhaust volume to ensure a permanent pressure drop of 160Pa over the canopy</li><li>- Removable grease collection tray with double folded grip</li></ul>
Engineering/ MEP ratings	For lighting, power requirement 18W-36W 230V/50Hz.
sanitation	Smooth stainless-steel body to enable easy cleaning





GENERAL SPECIFICATIONS FOR EXHAUST DUCTS	
<b>Function</b>	To join the exhaust hoods to the extraction motors
<b>Construction</b>	<p><b>1 General</b></p> <ul style="list-style-type: none"> <li>- Fabricated from 202 grade stainless steel, SWG 22, grit 320 and seamless up to 130 inches</li> <li>-All visible corners are welded and have no mechanical fixings</li> <li>- The ducts must be fixed with sound deadening material to avoid the rattling sound at high-speed extraction.</li> <li>- The ducts must be connected with the vertical concrete chimneys available at site connecting different floors of the building. The connections must be made airtight by utilizing suitable sealing material.</li> <li>- Suitable dampers must be installed in the places where multiple kitchens' exhausts have to connected with a common vertical concrete chimney.</li> </ul> <p><b>2 Hanging Brackets</b></p> <ul style="list-style-type: none"> <li>- Stainless steel hanging brackets 27 inches high for fixing with M8 rods</li> </ul>
<b>Sanitation</b>	Smooth stainless-steel body to enable easy cleaning

GENERAL SPECIFICATIONS FOR EXTRACTION MOTORS AND THEIR HOUSING	
<b>Function</b>	To provide suction action to expel the smoke, steam and fumes through the ducts and hoods installed in the kitchen.
<b>Construction</b>	<p><b>General</b></p> <ul style="list-style-type: none"> <li>- The housing for fixing the extraction motors/fans to be fabricated from 202 grade stainless steel, SWG 20.</li> <li>- The housing must be attached with the civil work chimneys available on the rooftop of the building.</li> <li>-All visible corners are welded and have no mechanical fixings</li> <li>- The motors to be fixed with stainless steel nut and bolt assembly to a sturdy angle made of Stainless steel grade 202 of gauge 10 or higher. This must be fixed with the housing to extract the smoke, steam and fumes from the kitchen.</li> <li>- The extraction motor housing must have suitable protection from the elements and must be rodent proof to render it suitable for use over kitchen vents.</li> </ul>
<b>Engineering/ MEP ratings</b>	Provided in the following document.





DIMENSIONS OF THE HOODS AND DUCTS.			
S. No.	Quantity	Specification	Location of the installation on site
Stainless Steel Hoods			
1	04	36"x36", 22 Gauge	CCFP, BTK, RCK, ATK, Bakery, QFK, Larder Kitchen,
2.	30	66"x36", 22 Gauge	
3.	03	72"x66", 22 Gauge	
4.	03	96"x36", 22 Gauge	
SS 202 Grade 26 gauge Duct			
1	200 feet	Ceiling mounted SS 202 Duct-line made of 26 SWG gauge with cross section of 24"X24" and installed with sound deadening materials.	
2	200 feet	Ceiling mounted SS 202 Duct-line made of 26 SWG gauge with cross section of 20"X24" and installed with sound deadening materials.	
3	200 feet	Ceiling mounted SS 202 Duct-line made of 26 SWG gauge with cross section of 20"X15" and installed with sound deadening materials.	

SPECIFICATIONS FOR EXTRACTION FANS/MOTORS					
S No	ITEM	Make/Brand	Rating	Quantity	Venue of installation at site
1.	ID Blower	ABB / Kirloskar / Crompton Greaves	7.5 HP	04	QFK 2 <sup>nd</sup> , RCK + Bakery 1, ATK1 + BTK1+ Bakery 2, ATK 2+ BTK2 + Bakery 1
2.	ID Blower	ABB / Kirloskar / Crompton Greaves	5 HP	01	CCFP
3.	Exhaust Fan	ABB / Kirloskar / Crompton Greaves	18" inch	01	Larder Kitchen

\*The interested bidder may visit the institute before filling the tender.



**INSTITUTE OF HOTEL MANAGEMENT, CATERING AND NUTRITION**  
**LIBRARY AVENUE, PUSA, NEW DELHI-110012**

**Annexure- V**

**FINANCIAL BID**

S. No.	Description of Item	Qty	Make / Brand	Unit Rate	GST	Total Amount
1	Stainless Steel Hoods 36"x36", 22 Gauge 66"x36", 22 Gauge 72"x66", 22 Gauge 96"x36", 22 Gauge	04 30 03 03	Indian Companies			
2	SS 202 Grade 26 gauge Duct 24"X24"  SS 202 Grade 26 gauge Duct 20"X24"  SS 202 Grade 26 gauge Duct 20"X15"	200 R. Feet  200 R. Feet  200 R. Feet	Indian Companies			
3	ID Blower (7.5HP)  ID Blower (5HP)  Exhaust Fan (18" diameter)	4 nos.  01 no.  01 no.	ABB / Kirloskar / Crompton Greaves			
	<b>Total amount</b>					

**Note: Please quote item wise rate inclusive of all taxes, freight, cartage, installation etc.**

**Date:**

**Signature of Bidder with Stamp**

