



INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

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NOTICE INVITING TENDER

NIT NO. IITJ/SPS/ FURNITURE/2017-2018/33

Date: January 09, 2018

Sub: Procurement and Installation of Laboratory furniture and fume hoods, IIT Jodhpur

Indian Institute of Technology Jodhpur, an Institute of National Importance, invites sealed two part bids from reputed **Laboratory Furniture Manufacturers or their authorized certificate holders for Installation of Furniture of Chemistry and Bioscience & Bioengineering Laboratory, IIT Jodhpur.**

Interested vendors are requested to send their sealed bids as per **Technical Specifications [Annexure-I, General Terms & Conditions (Annexure-II), Format of Technical Bid Document (Annexure-III), signed Declaration (Annexure-IV), Format of Price Bid as per ANNEXURE – V under a Two- Bid System, Format for Non Blacklisting of Supplier (Annexure-VI) and Mandate form for electronic fund transfer/RTGS transfer.** Kindly refer the Institute website: www.iitj.ac.in (Link: Tenders) and on Central Public Procurement Portal (<https://eprocure.gov.in>) for full tender details. Any Addendum/Corrigendum shall only be published on the Institute Website and CPP Portal. Price bid (as per ANNEXURE – V) should be submitted for all the items of **BOQ.**

Indian Institute of Technology, Jodhpur will hold **Pre Bid Conference** with the all **interested bidders** for technical and commercial discussions/clarifications. This Conference will be held in the Conference Hall, Administrative Building, **IIT Jodhpur on January 18, 2018 at 11.00 a.m.** Interested vendors are requested to submit two sealed envelopes containing Technical Bid (Envelope – I) and Commercial Bid (Envelope – II) placed in a larger sealed envelope superscribing with reference number (**Tender Notice No. IITJ/SPS/ FUR/2017-2018/33 dated January 09, 2018**) to the **Director, IIT Jodhpur, Office of Stores & Purchase, Administrative Building, Karwad, Jodhpur, Rajasthan-342037, on or before January 30, 2018, at 3.00 pm.** The technical proposals submitted by the Laboratory Furniture Manufacturers and their authorised Suppliers/Firms will be evaluated first by a technical committee and the price bids submitted by only the technically qualified OEMs/vendors will be opened for price comparison.

The Technical bids will be opened on **January 30, 2018, at 4.00 p.m. in the Office of Stores & Purchase, Administrative Building, Indian Institute of Technology Jodhpur, Karwad.**

Assistant Registrar (Stores & Purchase)

TENDER FOR: PROCUREMENT AND INSTALLATION OF LABORATORY FURNITURE AND FUME HOODS IN DEPARTMENT OF CHEMISTRY AND BIOSCIENCE & BIOENGINEERING, IIT JODHPUR

1. Last Date and Time for Submission of Tender	January 30, 2017 up to 3.00 PM
2. Date of Pre-bid meeting	January 18, 2017 at 11.00 AM, Office of Stores & Purchase, Administrative Building, IIT, Jodhpur, Karwad
3. Address for submission of bid documents	Assistant Registrar (Stores & Purchase), Office of Stores & Purchase, IIT Jodhpur, Karwad
4. Opening of Technical Bid	January 30, 2017 at 4.00 PM Office of Stores & Purchase, Administrative Building, IIT Jodhpur, Karwad, in the presence of the tenderer(s) or their authorized representative(s), who are present at the scheduled date and time. Only one representative will be allowed to participate in the tender opening. The technical bid will be opened first and it will be examined by a technical committee (as per specification and requirement).
5. Opening of Financial Bid	The financial bid(s) of only those tenderer(s) will be opened, who qualifies the technical evaluation, on the specified date and time. The date, time & place of opening of the financial bid(s) will be intimated in due course of time. The bidders if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate in the tender opening.
6. Time of completion of Work	8 weeks from the date of issue of Purchase order
7. Tender Fee	Rs. 10,000/- (Non-Refundable)
8. EMD Value	Rs. 10,00,000/-

BOQ
ANNEXURE – I

Technical Specifications for Laboratory Furniture of Dept. of Chemistry & Bioscience & Bioengineering, IIT Jodhpur

A. Technical Specification

As per Appendix-1.

GENERAL TERMS AND CONDITIONS

1. **Tender Fee:** An amount of Rs. 10,000.00 (Rupees Ten Thousand only) as tender fee (non refundable) is to be paid. The payment shall be made by Demand Draft from any Nationalized Bank and paid in favour of “Director, Indian Institute of Technology Jodhpur”, payable at Jodhpur. **Bids without Tender Fee will not be accepted. This should be enclosed separately in an envelope and stapled with the Technical Bid document.**
2. **Earnest Money Deposit (EMD) : Rs.10,00,000.00 (Rupees Ten Lakh Rupees only)** in the form of Demand Draft be enclosed along with the bid. The E.M.D. shall be from any Nationalized Bank and to be drawn in favour of “Director, Indian Institute of Technology Jodhpur”, payable at Jodhpur or directly to the Bank Account of IIT Jodhpur through ECS /RTGS/NEFT transfer. The Bank details are as follows:

1.	Name of the Bank	-	SBI
2.	Account No.	-	30471479752
3.	IFS Code	-	SBIN0014892
4.	SWIFT Code No.	-	SBININBB772

The bidders should enclose system generated self attested copy of RTGS/NEFT/ECS confirmation slip with UTR No. as proof of deposit of Tender Fee and EMD. EMD of unsuccessful vendor(s) shall be refunded once the process of technical and price bid opening is completed. In case of successful vendor(s) the said amount will be refunded after complete execution of the purchase order. Tender submission fee and EMD in any other form is not acceptable. Tenders received without submission of tender fee and EMD will be summarily rejected.

This will be refunded to the unsuccessful vendors once the process of technical and financial bid opening is complete. The EMD of vendor getting the purchase order will be retained and returned six months after successful completion of the work. No interest is payable on refunds. EMD shall be forfeited if the selected vendor accepts the supply order, but is unable to execute the same. E.M.D. should be enclosed separately in an envelope and stapled with the Technical Bid document.

3. The firm(s) who are registered with the National Small Industries Corporation (NSIC) / or Small Scale Industries (SSI) for the subjected goods are exempted to furnishing the EMD and tender fee. Self-attested photocopy of the valid registration certificate must be enclosed with the technical bid. Such firms are requested to submit the cost of tender which should not be considered for exemption.
4. **Bid:** Technical Bid and Price Bid should be submitted in two separate sealed envelopes quoting reference number on the top of the envelope. Tender Fee and EMD should be enclosed with the Technical Bid documents, in separate sealed envelopes, stapled with the packet containing Technical Bid documents. **The OEMs may submit the bid directly, for other vendors original authorization certificate from OEM is required to be enclosed.**
5. **Late and delayed quotation:** Late and delayed tender will not be considered. If, in any case, unscheduled holiday occurs on prescribed closing/opening date, the next working day Should be the prescribed date of closing/opening. It will be the sole responsibility of the firm that quotation should reach on or before the due date and time.
6. The quotations must be neatly typed or computer printed. **Hand written offer will be**

rejected. Quotations must carry the numbers of GST invariably on the top.

7. **Validity Period:** The validity period of the offer should be clearly specified. It should be at least for **180 days** from the last date of submission of quotations.
8. **Specification and Make:** Quotation should be given for the exact specification and make as shown in the enquiry against Sl. No. of the item., if in the view of the supplier there is any other alternative item which can serve out purpose, quotation may also be given for the same separately client list along with the order copy of similar equipment supplied to any IITs / any Govt. Organization including detail of price & all charges must be attached.

In the case of items quoted having specifications different than those mentioned in the enclosed Tender format, kindly submit the information and the prices in the same format but on additional Sheet. **The supplier must have submitted original catalogue of the product along with the technical bid.**

9. **Bidders should** enclose the following documents with the technical bid document for their eligibility:
 - a. Bidder shall have a minimum 03 (three) years of experience in supplying and installing of **LABORATORY FURNITURE** in a government organization (at State/National/ International level) as on tender submission deadline. Name, address/contact details of the present and past satisfactory clients to be provided.
 - b. Should have completed satisfactorily at least one similar work of value not less than Rs.4 crore against single work order; or two works of value not less than Rs.2.00 crore each during last five years in Govt./ Semi Govt. Deptt./ Autonomous body/ reputed organization. **Copy of the previous purchase order must be enclosed.**
 - c. Annual Turnover of company should be more than 5 crores & above. The bidders should submit the turnover proof since last three years in terms of Profit & Loss and Balance sheet statement for the period 2013-14, 2014-15 and 2015-16. (Proof to be attached). The bidder should not be incurred loss in any three financial years out of last 5 years.
 - d. Experience for execution of similar type of work in any IIT/NIT/UNIVERSITY/IIM/IISER/NISER/IISC/CSIR or any Institute of National Importance in India during last 03 years.
 - e. Copy of the ISO certificate
 - f. Copy of Company Registration Certificate/Trade License
 - g. Copy of PAN Card, GST Registration certificate
 - h. Authorised dealer certificate of principal.
 - i. Quality testing certificate
 - j. The bidder must submit copies of acknowledgement of Income Tax return for the last three financial years.
 - k. Copy of product literature technical leaflet/catalog, wherever applicable for which the prices have been quoted should invariably be enclosed.
 - l. Signed copy of the tender document, with company seal, agreeing to the all terms & conditions of the tender document
10. Bidders must submit the documentary proof in support of meeting the minimum eligibility

criteria. Simply an undertaking by the Bidder for any item of the criteria shall not suffice the purpose. All the documentary proof must be listed on the letter head, to be submitted with the Technical document.

11. **Pre-installation Requirement:** The bidder should mentioned pre-installation requirements for the equipment like ambient temperature, humidity, whether specification, power specifications, etc., when items are provided full performance satisfactions, should be demonstrated.
12. **Installation & Demonstration:** In case of any mis-happening/damage to supplies during the carriage of supplies from the origin of furniture to the installation site, the supplier has to replace it with new supplies immediately at his own cost & risk. Supplier will settle his claim with the insurance company as per his convenience. Institute will not be liable to any type of losses in any form. And while installation of furniture, if any damage is done to the Institute property, the same shall be repaired by the vendor, free of cost in the stipulated time as may be given by the Institute. However, if the damage is not repaired in the stipulated time, the same shall be done by the Institute at the risk and cost of the vendor.
13. **Warranty / Guarantee: 3 years OEM warranty,** from the date of successful completion of the work. The comprehensive warranty will commence from the date of the satisfactory installation/commissioning of the furniture.
14. **Completion of the Work:** The work should be completed within 8 weeks from the date of receipt of the Purchase Order.
15. The quoted price (final offer) must be F.O.R. i.e. IIT Jodhpur, Karwad including Packing & Forwarding, Freight, and Insurance etc. with detail break-up. The total price will be considered for comparison.
16. Packing, Forwarding, Transporting, Postage/Courier, Octroi, Freight, Insurance, Any Certificate(s), Extra Warranty, Installation, Commissioning any, Any levy, Any other charge(s) must be mentioned clearly.

Packing Instructions: All the consignments securely packed as per the industry norms and should be booked with freight paid, insured including unloading the material upto the Office of Stores & Purchase, IIT Jodhpur

17. **Price:** The price shall be **quoted in Indian Rupees only**, on free delivery at site basis. The Basic Price, GST (% and amount) and other charges must be mention separately.
18. **Taxes:**
 - a. GST
 - b. **Customs Duty:** The Institute is **exempted** from payment of Customs Duty vide GOI Notification No.51/96-Customs, dated 23.07.96. After GST Notification it covered under 43/2017- Custom(Tariff. CUSTOMS DUTY EXEMPTION CERTIFICATE WILL BE MADE AVAILABLE BY THE INSTITUTE WHERE EVER APPLICABLE AND REQUESTED IN THE BID.
19. **Delivery:** Items should be supplied on the basis of door delivery on working days. The date of delivery should be strictly adhered to failing which the purchase order is liable to be cancelled. Penalty may be imposed as per P.O. terms & conditions. Goods should be securely, safely and adequately packed & dispatched at the risk of supplier and packing costs quoting this order reference should be kept in all package. Local firms are requested to deliver the goods in our stores before 3.00 PM on any working day.

- a. **Delayed delivery:** If the delivery is not made within the due date for any reason, the RC Committee will have the right to impose penalty 1% per week and the maximum deduction is 10% of the contract value / price.
20. Past Performance of the Vendors will be judged at the time of Technical Evaluation.
21. **The Institute does not bind** itself to offer any explanation to those bidders whose technical bids have not been found acceptable by the Technical Evaluation Committee of the Institute.
22. **Payment and Performance Bank Guarantee:**
- a. Test certificate from the manufacturer to be enclosed with every invoice.
- b. The payment will be made through **e- payment system** on satisfactory receipt of material with regard to quality and quantity and on successful Installation, and on submission of pre-receipted bill by the firm.
- c. For Indigenous supplies, 75% payment shall be made by IIT Jodhpur against delivery and acceptance, and 25% payment against successful installation, commissioning, acceptance of the furniture at IIT Jodhpur in good condition and to the entire satisfaction of IIT Jodhpur, and submission of Performance Bank Guarantee which will be in the form of irrevocable bank guarantee issued by any Nationalised/Scheduled Bank / or Fixed Deposit Receipt, for an amount equal to the 10% of order value and it will be kept valid for a period of 60 days beyond the date of completion of warranty period. Warranty Period will be commenced from the date of the installation of the supplied item. The Performance Bank Guarantee shall be issued from any Nationalized Bank, validity of which shall be five (03) years plus sixty (60) days drawn on any commercial bank.
- d. For import supplier rates should be quoted separately in FCA/FOB/CIF terms and charges to be stated in the following break- up:
- Ex-works value
 - Forwarding or Packing Charges if any
 - Total FOB/FCA value.
 - For CIF (i. Insurance ii. Freight ii. Total CIF price up to New Delhi Airport)
23. No advance/mobilization support, is payable against supply of stores.
24. In the event of failure to deliver the stores beyond the specified date, liquidated damages @ 1% per month or part thereof in respect of the value of stores will be deducted, subject to a maximum of 10%; alternately the order will be cancelled and the undelivered stores purchased from elsewhere at the risk and expense of the vendor.
25. **Performance Bank Guarantee: The firm has to submit a performance bank guarantee of 10% of the total order value to be submitted before release of final payment and after successful installation and commissioning of the equipment in the form bank guarantee valid for 2 months beyond the warranty period.**
26. **Forfeiture Bid Security:** Bid Security of a tender will be forfeited, if the bidder withdraws or amends or modified in tender or impairs or derogates from the tender in any respect within the period of validity of its tender. Further if the successful bidder fails to furnish the required performance security within the specified period of its Bid Security will be forfeited.
27. **Acceptance of Tender:** The Director, IIT Jodhpur reserves the right to reject any or the entire tender bids received without assigning any reason thereof.

28. **Extra Features:** If the bidder provides any other extra features on the work which are not mentioned in the tender product specifications, then that shall be highlighted in clear terms, with documentary evidence/literature.
29. **Compliance List:** The proposal be properly indexed and a compliance list against the technical specifications should be provided.
 - a. The OEM should be an ISO certified company.
 - b. **Conditional Offer** will not be accepted.
 - c. The benefit of downward prices due to any kind of tax revision should be given to IIT Jodhpur by the selected vendor.
 - d. Authorization Dealer Certificate of Principal.
 - e. The exact days of delivery period, installation & commissioning schedule.
 - f. The exact figure of %age of discount offered.
30. All tenders are to be submitted or handed over to the office of the Assistant Registrar (Stores & Purchase), IIT Jodhpur and acknowledgement to be obtained. The bids (technical and price bids) once submitted shall be the property of the Institute and shall not be returned to the vendor in future.
31. **The person/officer signing** the tender/bid documents should be delegated with an appropriate Power of Attorney by the Chief Executive Office/Managing Director of the Company to sign such documents.
32. **Opening of Price Bids:** The Price Bid(s) of only those vendor(s) who are found technically qualified will be opened and the same will be opened before the technically qualified vendor(s). **The date for opening of price bids will be notified separately.**
33. Tenderer or his/her authorized representative (with proper authorization letter for opening of technical bids and also for opening of price bids) may choose to be present at the time of opening of Technical Bids/Price Bids.
34. **IMPORTANT**
 - a. A bid submitted with false information will not only be rejected but also the OEM/vendor will be debarred from participation in future tendering process.
 - b. The OEMs/Vendors need to submit a certificate as per **Annexure-V** in non-judicial paper during opening of technical bids that they are not currently debarred or blacklisted in IIT Jodhpur for any supplies, products or services, or at present in any Government / Semi Government / Board /Corporations/University /Autonomous Body. An affidavit on Non-Judicial Stamp paper has to be submitted by the firm to this effect.
 - c. In case of any dispute, the decision of the Director of this Institute shall be Final and binding on the bidders.
 - d. Force Majeure: The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
 - a. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of IIT Jodhpur

either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

- b. If a Force Majeure situation arises, the Supplier shall promptly notify the Institute in writing of such conditions and the cause thereof. Unless otherwise directed by the Institute in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- e. For any query pertaining to the bid document, correspondence be addressed to :
Assistant Registrar (Stores & Purchase), Indian Institute of Technology Jodhpur –
Phone: +91- 291-2449146, Email: sps@iitj.ac.in

In case the due date for submitting and opening tender happens to be a holiday, the same will be happened on the next working day. The timings will however remain unchanged. Please note that the Institute remains closed during Saturdays & Sundays.

- 35. Please note that after successful completion of the above mentioned works and followed by satisfactory inspection report, confirmed Purchase/Work Order may be issued for total execution of the project.
- 36. Inspection: Before dispatch the materials, the Manufacturer will give sufficient advance notice of the date in writing on which the goods will be ready for inspection. The Manufacturer also shall provide the purchaser all necessary facilities including appliances, tools, materials will be dispatched. If due to any reasons, it is not possible on the part of the purchaser to visit the plant site of the Manufacturer for inspection of the items, the Manufacturer shall bring sample pieces of such items to site (IIT Jodhpur) for Inspection the purchaser.
- 37. If the material or finished work are not found acceptable, the Manufacturer shall arrange for the replacement of materials required for re-executing the work as per contract.

TECHNICAL BID DOCUMENT

FORMAT TO BE FILLED BY THE OEM/AUTHORIZED VENDORS FOR SUBMITTING TENDER FOR PROCUREMENT AND INSTALLATION OF LABORATORY FURNITURE IN DEPARTMENT OF CHEMISTRY AND BIOSCIENCE & BIOENGINEERING, IIT JODHPUR

1. Name of the Tenderer :
2. Status of the Tenderer : (attach documents, if registered company/partnership/propriety ship)
3. Whether OEM/authorized certificate holder :(attach copy of certificate/authorization)
4. Details of experiences in a Govt. Organization for: last 05 years. Detailed Name, Address/contact details of the present and past clients
5. Details of experiences in any IIT/NIT/Univ./IIM/IISER or any Institute of National Importance in India during last 05 years :
6. Copy of the ISO certificate(s) of the vendor :
7. Copy of Company Registration Certificate/ Trade License and PAN Card, GST No. :
8. Copies of acknowledgement of Income Tax return for the last three financial years :
9. A certificate for not debarred or blacklisted for any : Services/supplies/products dealing. Bids of debarred/blacklisted firms will not be considered for evaluation. The firms must submit the declaration in format in **Annexure-V**:
10. Signed copy of the tender document, with seal :
11. **Details of EMD/Tender fee Bank Draft No., issuing branch and date** :
12. **If Exempted for EMD/Tender fee, provide the copy of registration in NSIC/SSI. Indicate the category for which exemption given:**
13. Mention all the brand name(make & specification) : of all the materials and items that would be using in the proposed work

Certified that all above information are correct to the best of my/our information, knowledge and belief.

Dated signature & seal of the OEM/Vendor

NOTE : This is to be submitted in a separate sealed envelope **super scribing “TECHNICAL BID”**

DECLARATION

1. I, -----Son /Daughter of Shri -----

----- Proprietor/Partner/CEO/MD/Director/

Authorized Signatory of M/s. -----

competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.
3. The information/ documents furnished along with the above application are true and authentic to the best of my knowledge and belief.
4. I/ we/ am are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.
5. Each page of the tender document and papers submitted by my Company is authenticated, sealed and signed, and I take full responsibility for the entire documents submitted.

Signature of the Authorized Person

Date : ----- Full Name : -----

Place : ----- Company Seal : -----

FORMAT FOR PRICE BID AGAINST THE TENDER: (For Indigenous Items)

Tender Reference No.: IITJ/SPS/ FURNITURE/2017-2018/33 dated Date: January 09, 2018

The Vendor must submit the price bid separately for BOQ of Annexure-I including drawing of ANNEXURE A as per below **format**. **Price bid submitted without the given format, the price bid will not be considered.**

Sl. No.	Type	Nos.	Rate in INR		Rate in INR (all inclusive) FOR upto IIT Jodhpur Karwad
			Basic Price	Tax and other charges	
Total (All inclusive) (in Figure) : Rs.					
Total (All inclusive) (in Words) : Rs.					

Dated signature & seal of the OEM/Vendor

PRICE BID
(For Imported Items)

Tender Reference No.:

Date.

Sl. No.	Particulars		Price
1.	Description of Item & Specification		
2.	Qty.		
3.	Unit Price		
4.	Ex-work price		
	FOB / FCA (NAMED PORT OF SHIPMENT)		
	CIP/ CIF (NAMED PLACE OF DELIVERY)		
5.	Charges for Insurance & Transportation to Port/Place of Destination (If any)	Air	
		Ocean	
6.	Installation , Commissioning and Training Charges (If any)		
7.	Total Price at Destination Airport (CIF)		
8.	Other Charges (If any)		
9.	Custom Duty*		
10.	Price for Destination at IIT Jodhpur		

Note: * Please read Clause No. 3 of Additional Terms & Conditions: Import Bids

1. Delivery Period: Days.
2. Validity of the quotation should be days from the date of opening of technical bid.
3. Agency Commission: Indian Agent's Commission is to be quoted separately (if applicable) beside F.O.B. price. (In case no agent is involved please mention clearly in writing). Payment will be made to the Indian agent in rupees after successful installation, testing & Commissioning of the instrument.
4. Terms of Payment:
 - a) As mentioned above.

Signature:

Name:

Place:
Stamp:
Date:

Business Address:
Affix Rubber

FORMAT FOR NON BLACKLISTING OF SUPPLIER

I/ We _____Manufacturer/partner/Authorized Distributor/Agent (strike out which is not applicable) of (Supplier) _____ do hereby declare and solemnly affirm that the individual/firm/company is not black-listed by the Union/State Government/Autonomous body.

Deponent

Address

I/ We hereby solemnly declare and affirm that the above declaration is true and correct to the best of my knowledge and belief. No part of it is false and nothing has been concealed.

Deponent

Dated:

(Note: To be furnished on non-judicial stamp paper duly attested by the Oath Commissioner.)

Annexure-VII

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

Date: / /

To
The Director,
Indian Institute of Technology Jodhpur,
Karwad.

Sub: Authorization for release of payment / dues from Indian Institute of Technology, Jodhpur through Electronic Fund Transfer/RTGS Transfer.

1. Name of the Party/Firm/Company/Institute:
2. Address of the Party:

City _____

Pin Code _____

E-Mail ID _____

Mob No: _____

Permanent Account Number _____

3. Particulars of Bank:

Bank Name:		Branch Name:	
Branch Place:		Branch City:	
PIN Code:		Branch Code:	
MICR No.:			
(9 Digit number appearing on the MICR Bank of the Cheque supplied by the Bank, Please attach a Xerox copy of a cheque of your bank for ensuring accuracy of the bank name , branch name and code number)			
IFS Code:(11 digit alpha numeric code)			
Account Type	Savings	Current	Cash Credit
Account Number:			

DECLARATION

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I Should not hold Registrar, Indian Institute of Technology Jodhpur responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place: _____ Date: ____

**Signature & Seal of the
Authorized Signatory of the Party**

Certified that particulars furnished above are correct as per our records Bankers Stamp:

Date: _____

**Signature of the Authorized
Official from the Bank**

N.B: Please fill in the information in CAPITAL LETTERS, computer typed; please TICK wherever it is applicable

APPENDIX-1

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST ____%	GST Amount in Rs	Total Amount (Rs)
	Furniture			
GF lab-1				
	Fume hood Superstructures			
GF lab-1				
	Fume hood Accessories			
GF lab-1				
	Ducting			
Duct-1				
Duct-3				
	Blowers			
Centrifugal Blowers For Fumehood				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST amount	AMOUNT
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	2	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	6	Nos.				
3	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	2	Nos.				
4	L.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	6	Nos.				
5	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	19	Nos.				
6	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	30	Nos.				
7	900 Ht. Corner C-Frame Table	2	Nos.				
8	750 Module Length Horizontal Members	13	Nos.				
9	1200 Module Length Horizontal Members	37	Nos.				
10	770 Depth Wall Side Without Upright End Cover Panel	4	Nos.				
11	1540 Depth Island With Upright & Without Upright End Cover Panel	6	Nos.				
12	1800 Ht.Island Upright With Cutout & Plain Cover (Without Cutout)	9	Nos.				
13	1800 Ht.Island Plain Upright & Cover With Cutout	9	Nos.				
14	1200 Module Length Island Electrical Boom - Cutout : 6M + 6M	9	Nos.				
15	Outer Cover For Single-Sided Electrical Trunking	7	Nos.				
16	1200 Module Length Glass Reagent Shelf For Island	36	Nos.				
17	Island Without Upright C-Frame Joining Bracket	6	Nos.				
18	750 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	1	Nos.				
19	1200 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	19	Nos.				
20	Hanging Storage 900 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
21	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	1	Nos.				
22	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	12	Nos.				
23	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	74	Nos.				
24	PP Drop-in Sink Overall Size : 548 x 398 x 235mm	12	Nos.				
25	3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck	12	Nos.				
26	Eye Wash Deck Mounted (Drench Hose Unit) With Braided Stainless Steel Hose	12	Nos.				
27	Pvc Emergency Safety Shower Emergency Shower With Eye/Face Wash , All Pvc	2	Sq.Mtrs.				

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST amount	AMOUNT
28	Double at 180o Laboratory Push/turn Gas Valve fitting Deck mounted with POP - UP indicator disc for LPG	9	Nos.				
29	Double At 180° Laboratory Needle Valve fitting Deck mounted for Nitrogen	9	R. Mtrs.				
30	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	46	R. Mtrs.				
31	Silicon Sealant - Black	2	R. Mtrs.				
32	Masking Tape	2	Nos.				
33	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	180	Nos.				
34	SR-998 Glue for Neoprene Mat. (Litres)	5	Nos.				
35	6/16A, 6 pin shutter Socket	90	Nos.				
36	6 Module Plate	95	Nos.				
37	16A, 1 way Switch	190	Nos.				
38	Flexible/ F Serated Connector size : 38mm x Length = 1m	12	Nos.				
39	Anti-Siphon bottle trap Size : 38mm	12	Nos.				
Sub-Total							

Annexure 2B

BILL OF QUANTITY - FUME HOODS

Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST amount	TOTAL
	NATURE OF WCT : DIVISIBLE			(Rs)			(Rs)
SF LAB 1							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	4	PCS				
Sub-Total							
Accessories							
1	Eco Panel (0.75 To 1 Hp) With TI/ BI For Aeolus Fumehood	4	Nos				
2	Distribution board with rocker switch for aeolus fumehood	4	Nos				
3	LED light for 4 to 6 ft aeolus fumehood	4	Nos				
4	3 module plate with socket & tiny trip for aeolus fume hood	4	Nos				
5	Apparatus grid for 6 feet benchtop aeolus fumehood	4	Nos				
6	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	4	Nos				
7	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	4	Nos				
8	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	4	Nos				
9	Ceiling front cover panel for 6 feet aeolus fumehood	4	Nos				
10	Ceiling lh/ rh side cover panel for aeolus fumehood	4	Nos				
11	Frame based understructure for 6 feet bench top aeolus fumehood with no cut-out on trunking	4	Nos				
12	Back panel set for frame based understructure for 6 feet benchtop aeolus fumehood	4	Nos				
13	Side panel set for frame based understructure benchtop aeolus fumehood	4	Nos				
14	Mobile apparatus storage cabinet for bench top aeolus fume hood with frame based understructure 840w	8	Nos				
Sub-Total							

Annexure 2C

BILL OF QUANTITY - DUCTING

Sr. No.	ITEM	QTY	UNIT	RATE (Rs)	GST%	GST amount	AMOUNT (Rs)
Fume Hood Under Cabinet Ducting Duct-1							
2" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	12	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	60	RF				
10" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	1	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
3	Flexible Duct (PP)	5	RF				
4	Hanging Support 10" (with hardware)	1	Nos				
5	Hose clamps for flexible Duct (with hardware)	4	Nos				
6	Rigid Duct (3mm PP + 3mm FRP)	10	RF				
7	Reducer 10" to 14", 400mm L	1	Nos				
14" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 14" (with hardware)	3	Nos				
5	Inlet Transition for blower -	1	Nos				
6	Raincowl for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	55	RF				
8	U-clamps for Rigid Duct (with hardware)	4	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				
Fume Hood Under Cabinet Ducting Duct-2							
10" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	1	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	1	Nos				
3	Flexible Duct (PP)	5	RF				

Sr. No.	ITEM	QTY	UNIT	RATE (Rs)	GST%	GST amount	AMOUNT (Rs)
4	Hanging Support 10" (with hardware)	1	Nos				
5	Hose clamps for flexible Duct (with hardware)	4	Nos				
6	Rigid Duct (3mm PP + 3mm FRP)	5	RF				
7	Reducer 10" to 14", 400mm L	1	Nos				
14" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 14" (with hardware)	1	Nos				
5	Inlet Transition for blower -	1	Nos				
6	Raincowl for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	40	RF				
8	U-clamps for Rigid Duct (with hardware)	4	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				
SUB TOTAL							

Annexure 2D**BILL OF QUANTITY - BLOWERS**

Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST amount	AMOUNT
1	Aclb-420 , 2000 Om, 60 Mm, 2 Kw	2	Nos				
Total							

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST _____%	GST Amount in Rs	Total Amount (Rs)
	Furniture			
FF LAB 6				
	Fume hood Superstructures			
FF LAB 6				
	Fume hood Accessories			
FF LAB 6				
	Ducting			
Duct-1				
Duct-3				
	Blowers			
Centrifugal Blowers For Fumehood				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
1	R.H. 900 Ht.C-Frame Sliding Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	1	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 Wall Side With Upright	1	Nos.				
3	R.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	4	Nos.				
4	R.H. 750 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 Wall side With Upright	2	Nos.				
5	L.H. 900 Ht.C-Frame Sliding Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 Wall side With Upright	1	Nos.				
6	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 Wall Side With Upright	1	Nos.				
7	L.H. 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 Wall side With Upright	2	Nos.				
8	L.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	4	Nos.				
9	Common 900 Ht.C-Frame Sliding Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 Wall side With Upright	1	Nos.				
10	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 Wall Side With Upright	2	Nos.				
11	Common 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	2	Nos.				
12	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	8	Nos.				
13	Common 750 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	2	Nos.				
14	900 Ht. Corner C-Frame Table	1	Nos.				
15	750 Module Length Horizontal Members	8	Nos.				
16	720 Ht.Diff.Unit Module Length Horizontal Members	2	Nos.				
17	1350 Module Length Horizontal Members	1	Nos.				
18	1200 Module Length Sliding Horizontal Members	2	Nos.				
19	1200 Module Length Horizontal Members	8	Nos.				
20	R.H. 770 Depth Wall Side With Upright End Cover Panel	1	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
21	R.H. 770 Depth Wall Side W ith Upright End Cover Panel	2	Nos.				
22	L.H. 770 Depth Wall Side W ith Upright End Cover Panel	3	Nos.				
23	770 Depth Wall Side W ithout Upright End Cover Panel	2	Nos.				
24	1540 Depth Island With Upright & W ithout Upright End Cover Panel	4	Nos.				
25	2100 Ht.Wall Side Upright With Cutout & Plain Cover (W ithout Cutout)	1	Nos.				
26	2100 Ht.Wall Side Upright With Cutout & Cover With Cutout	2	Nos.				
27	2100 Ht.Wall Side Plain Upright & Cover With Cutout	1	Nos.				
28	2100 Ht.Island Upright W ith Cutout & Plain Cover (W ithout Cutout)	4	Nos.				
29	2100 Ht.Island Plain Upright & Cover With Cutout	4	Nos.				
30	1500 Ht.Wall Side Upright With Cutout & Plain Cover (W ithout Cutout)	2	Nos.				
31	1500 Ht.Wall Side Upright With Cutout & Cover With Cutout	2	Nos.				
32	1500 Ht.Wall Side Plain Upright & Cover With Cutout	2	Nos.				
33	750 Module Length Wall Electrical Boom - Cutout : 6M	4	Nos.				
34	1200 Module Length Wall Electrical Boom - Cutout : 6M + 6M	2	Nos.				
35	1200 Module Length Island Electrical Boom - Cutout : 6M + 6M	4	Nos.				
36	Modesty Panel 750W X 875H	1	Nos.				
37	Modesty Panel 1200W X 875H	2	Nos.				
38	Outer Cover For Single-Sided Electrical Trunking	4	Nos.				
39	1200 module length Glass Reagent Shelf for Wall	6	Nos.				
40	1200 Module Length Glass Reagent Shelf For Island	24	Nos.				
41	Island Without Upright C-Frame Joining Bracket	4	Nos.				
42	750 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	1	Nos.				
43	1350 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	1	Nos.				
44	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	3	Nos.				
45	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	5	Nos.				
46	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	1	Nos.				
47	750 Module Length	2	Nos.				
48	Sliding Storage 600 Mm W , 535 Mm D & 900 Mm H	2	Nos.				
49	Hanging Storage 900 Mm W , 535 Mm D & 635 Mm H	1	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
50	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	4	Nos.				
51	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	5	Nos.				
52	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	17	Nos.				
53	PP Drop-in Sink Overall Size : 548 x 398 x 235mm	5	Nos.				
54	Cup Sink -Oval Drip Cup Size : 175 x 102mm	2	Nos.				
55	3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck {Product Code: BT385RS-8" (CW)}	5	Nos.				
56	Eye Wash Deck Mounted (Drench Hose Unit) With Braided Stainless Steel Hose	5	Nos.				
57	Double at 180o Laboratory Push/turn Gas Valve fitting Deck mounted with POP - UP indicator disc for LPG	8	Nos.				
58	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	17.9	Sq.Mtrs.				
59	Silicon Sealant - Black	1	Nos.				
60	Masking Tape	1	R.Mtrs.				
61	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	80	R.Mtrs.				
62	SR-998 Glue for Neoprene Mat. (Litres)	2	R.Mtrs.				
63	Z Strip For Wall Cabinet W ith Upright 600W	3	Nos.				
64	6/16A, 6 pin shutter Socket	58	Nos.				
65	6 Module Plate	29	Nos.				
66	16A, 1 way Switch	58	Nos.				
67	Flexible/ F Serated Connector size : 38mm x Length = 1m	7	Nos.				
68	Anti-Siphon bottle trap Size : 38mm	7	Nos.				
69	Reducer 75 - 80 Fr Spot Fume	6	Nos.				
70	Multipurpose Hood 380 X 460	6	Nos.				
71	Extension Profile 1100L	6	Nos.				
72	Bracket For Spot Fume Extractor	6	Nos.				
73	Arm Fx75 1500L Connection Up	6	Nos.				
TOTAL							

Annexure 2B							
BILL OF QUANTITY - FUME HOODS							
Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST Amount	TOTAL
	NATURE OF WCT : DIVISIBLE			(Rs)			(Rs)
SF LAB 1							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	3	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	3	Nos				
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	3	Nos				
3	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	1	Nos				
4	DISTRIBUTION BOARD ENABLED FOR AUTOSASH FOR AEOLUS FUMEHOOD	2	Nos				
5	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	3	Nos				
6	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	6	Nos				
7	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	3	Nos				
8	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	3	Nos				
9	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	3	Nos				
10	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	3	Nos				
11	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	3	Nos				
12	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	3	Nos				

13	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	3	Nos				
14	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	3	Nos				
15	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	3	Nos				
16	Asecos flammable understorage cabinet 90 min.	3	Nos				
17	Asecos flammable understorage cabinet 90 min.	3	Nos				
18	Caster with plinth	6	Nos				
Sub-Total							

Annexure 2C

BILL OF QUANTITY - DUCTING

Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST Amount	AMOUNT
				(Rs)			(Rs)
Fume Hood Under Cabinet Ducting Duct-1							
2" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	12	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	45	RF				
10" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	1	Nos				
3	Flexible Duct (PP)	5	RF				
4	Hanging Support 10" (with hardware)	1	Nos				
5	Hose clamps for flexible Duct (with hardware)	6	Nos				
6	Rigid Duct (3mm PP + 3mm FRP)	10	RF				
7	Reducer 10" to 14", 400mm L	1	Nos				
14" Diameter							
1	Hanging Support 14" (with hardware)	1	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	10	RF				
3	Reducer 14" to 16", 400mm L	1	Nos				
16" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 16" (with hardware)	1	Nos				
5	Inlet Transition for blower -	1	Nos				
6	Raincowl for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	35	RF				
8	U-clamps for Rigid Duct (with hardware)	3	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				
SUB TOTAL							

Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST Amount	AMOUNT
				(Rs)			(Rs)
Fume Hood Under Cabinet Ducting Duct-2							
3" Diameter							
1	Flexible Duct (PP)	5	RF				
2	Hose clamps for flexible Duct (with hardware)	12	Nos				
3	Rigid Duct (3mm PP + 3mm FRP)	10	RF				
4	Reducer 3"-4", 100mm L	6	Nos				
4" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	5	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	7	Nos				
3	Hanging Support 4" (with hardware)	1	Nos				
4	Rigid Duct (3mm PP + 3mm FRP)	20	RF				
5	Reducer 4"-6", 200mm L	1	Nos				
6" Diameter							
1	Hanging Support 6" (with hardware)	1	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	10	RF				
3	Reducer 6"-8", 200mm L	1	Nos				
8" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	3	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 8" (with hardware)	5	Nos				
5	Rigid Duct (3mm PP + 3mm FRP)	50	RF				
6	U-clamps for Rigid Duct (with hardware)	3	Nos				
7	8" Raincowl for blower -	1	Nos				
8	Inlet Transition for blower -	1	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				
SUB TOTAL							

Annexure 2D**BILL OF QUANTITY - BLOWERS**

Sr. No.	ITEM	QTY	UNIT	RATE	AMOUNT
1	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 600CFM, 1400RPM, 0.75H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos		
2	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 2800CFM, 1400RPM, 3.0H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos		
Total					

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST _____%	GST amount (Rs)	Total Amount (Rs)
	Furniture			
FF LAB 3				
	Fume hood Superstructures			
FF LAB 3				
	Fume hood Accessories			
FF LAB 3				
	Ducting			
Duct - 1				
Duct - 7				
	Blowers			
Centrifugal Blowers For Fumehood				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST amount	AMOUNT
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	3	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	6	Nos.				
3	R.H. 750 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	1	Nos.				
4	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	3	Nos.				
5	L.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	6	Nos.				
6	L.H. 750 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	1	Nos.				
7	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	6	Nos.				
8	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	6	Nos.				
9	Common 750 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	6	Nos.				
10	900 Ht. Corner C-Frame Table	2	Nos.				
11	750 Module Length Horizontal Members	1	Nos.				
12	600 Module Length Horizontal Members	1	Nos.				
13	1500 Module Length Horizontal Members	13	Nos.				
14	1350 Module Length Horizontal Members	4	Nos.				
15	1200 Module Length Horizontal Members	7	Nos.				
16	770 Depth Wall Side W ithout Upright End Cover Panel	6	Nos.				
17	770 Depth Wall Side W ithout Upright End Cover Panel	2	Nos.				
18	1540 Depth Island With Upright & W ithout Upright End Cover Panel	6	Nos.				
19	1800 Ht.Island Upright W ith Cutout & Plain Cover (W ithout Cutout)	3	Nos.				
20	1800 Ht.Island Upright W ith Cutout & Cover With Cutout	3	Nos.				
21	1800 Ht.Island Plain Upright & Cover With Cutout	3	Nos.				
22	1500 Module Length Island Electrical Boom - Cutout : 6M + 6M	6	Nos.				
23	Outer Cover For Single-Sided Electrical Trunking	12	Nos.				
24	1500 Module Length Glass Reagent Shelf For Island	24	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST amount	AMOUNT
25	750 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	1	Nos.				
26	600 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	1	Nos.				
27	1500 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	1	Nos.				
28	1350 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	4	Nos.				
29	1200 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	7	Nos.				
30	Top Unit With Glass Shutter 750 Mm W , 340 Mm D & 635 Mm H	3	Nos.				
31	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	6	Nos.				
32	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	1	Nos.				
33	Hanging Storage 600 Mm W , 535 Mm D & 485 Mm H	14	Nos.				
34	Hanging Storage 900 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
35	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	31	Nos.				
36	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	5	Nos.				
37	Double at 180o Laboratory Push/turn Gas Valve fitting Deck mounted with POP - UP indicator disc for LPG	12	Nos.				
38	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	29.85	Nos.				
39	Silicon Sealant - Black	1	Nos.				
40	Masking Tape	1	Nos.				
41	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	120	Nos.				
42	SR-998 Glue for Neoprene Mat. (Litres)	3	Nos.				
43	6/16A, 6 pin shutter Socket	128	Nos.				
44	6 Module Plate	64	Nos.				
45	16A, 1 way Switch	128	Nos.				

Annexure 2B

BILL OF QUANTITY - FUME HOODS

Sr. No.	ITEM	QTY	UNIT	RATE	TOTAL
	NATURE OF WCT : DIVISIBLE			(Rs)	(Rs)
FF LAB 3					
6 Feet LCV BT					
Superstructure					
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	2	PCS		
Sub-Total					
Accessories					
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	2	Nos		
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	2	Nos		
3	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	1	Nos		
4	DISTRIBUTION BOARD ENABLED FOR AUTOSASH FOR AEOLUS FUMEHOOD	1	Nos		
5	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	2	Nos		
6	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	4	Nos		
7	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	2	Nos		
8	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	2	Nos		
9	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	2	Nos		
10	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	2	Nos		
11	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	2	Nos		
12	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	2	Nos		
13	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	2	Nos		
14	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	2	Nos		
15	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS	2	Nos		
16	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	4	Nos		
Sub-Total					

Annexure 2C					
BILL OF QUANTITY - DUCTING					
Sr. No.	ITEM	QTY	UNIT	RATE (Rs)	AMOUNT (Rs)
Fume Hood Under Cabinet Ducting Duct-1					
2" Diameter					
1	90 degrees bend (3mm PP + 3mm FRP)	12	Nos		
2	Rigid Duct (3mm PP + 3mm FRP)	45	RF		
SUB TOTAL					
Duct - 7 FF Lab 3					
10" Diameter					
1	45 degrees bend (3mm PP + 3mm FRP)	2	Nos		
2	90 degrees bend (3mm PP + 3mm FRP)	1	Nos		
3	Flexible Duct (PP)	5	RF		
4	Hanging Support 10" (with hardware)	1	Nos		
5	Hose clamps for flexible Duct (with hardware)	6	Nos		
6	Rigid Duct (3mm PP + 3mm FRP)	10	RF		
7	Reducer 10" to 14", 400mm L	1	Nos		
14" Diameter					
1	Hanging Support 14" (with hardware)	1	Nos		
2	Rigid Duct (3mm PP + 3mm FRP)	10	RF		
3	Reducer 14" to 16", 400mm L	1	Nos		
16" Diameter					
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos		
2	Bellow	1	Nos		
3	Bellow clamps for Bellow (with hardware)	2	Nos		
4	Hanging Support 16" (with hardware)	1	Nos		
5	Inlet Transition for blower -	1	Nos		
6	Raincowl for blower -	1	Nos		
7	Rigid Duct (3mm PP + 3mm FRP)	40	RF		
8	U-clamps for Rigid Duct (with hardware)	3	Nos		
Hardware for ducting					
1	Anti-Vibration Pads	5	Nos		
2	GI Nuts and bolts (Nos.)	30	Nos		
SUB TOTAL					

Annexure 2D

BILL OF QUANTITY - BLOWERS

Sr. No.	ITEM	QTY	UNIT	RATE	AMOUNT
1	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 2000CFM, 1400RPM, 2.0 H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos		
Total					

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST (Rs) ____%	GST Amount	Total Amount (Rs)
	Furniture			
FF LAB 5				
	Fume hood Superstructures			
FF LAB 5				
FF LAB 5				
	Fume hood Accessories			
FF LAB 5				
FF LAB 5				
	Ducting			
Duct-1				
Duct-3				
Duct-5				
	Blowers			
Centrifugal Blowers For Fumehood				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	4	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	3	Nos.				
3	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	4	Nos.				
4	L.H. 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	3	Nos.				
5	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	3	Nos.				
6	Common 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	1	Nos.				
7	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	4	Nos.				
8	900 Ht. Corner C-Frame Table	1	Nos.				
9	600 Module Length Horizontal Members	1	Nos.				
10	1500 Module Length Horizontal Members	8	Nos.				
11	1460 End Sink Unit Module Length Horizontal Members	2	Nos.				
12	1350 Module Length Horizontal Members	1	Nos.				
13	R.H. 770 Depth Wall Side With Upright End Cover Panel	3	Nos.				
14	L.H. 770 Depth Wall Side With Upright End Cover Panel	3	Nos.				
15	Filler Panel For End Sink Unit Side	4	Nos.				
16	End Sink Unit Side Covr Panel	4	Nos.				
17	770 Depth Wall Side Without Upright End Cover Panel	4	Nos.				
18	2100 Ht.Wall Side Upright With Cutout & Plain Cover (Without Cutout)	2	Nos.				
19	2100 Ht.Wall Side Plain Upright & Cover With Cutout	2	Nos.				
20	1800 Ht.Wall Side Upright With Cutout & Plain Cover (Without Cutout)	1	Nos.				
21	1800 Ht.Wall Side Upright With Cutout & Cover With Cutout	1	Nos.				
22	1800 Ht.Wall Side Plain Upright & Cover With Cutout	1	Nos.				
23	1800 Ht.Island Upright With Cutout & Plain Cover (Without Cutout)	1	Nos.				
24	1800 Ht.Island Plain Upright & Cover With Cutout	1	Nos.				
25	1500 Module Length Wall Electrical Boom - Cutout : 6M + 6M	2	Nos.				
26	1500 Module Length Wall Electrical Boom - Cutout : 3M	2	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
27	1500 Module Length Island Electrical Boom - Cutout : 6M + 6M	1	Nos.				
28	Outer Cover For Single-Sided Electrical Trunking	5	Nos.				
29	1500 Module Length Glass Reagent Shelf For Island	4	Nos.				
30	1500 Module Length Glass Reagent Shelf For Wall	4	Nos.				
31	600 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	1	Nos.				
32	1500 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	2	Nos.				
33	1350 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	1	Nos.				
34	Top Unit With Glass Shutter 750 Mm W , 340 Mm D & 635 Mm H	1	Nos.				
35	Top Unit With Glass Shutter 750 Mm W , 340 Mm D & 635 Mm H	4	Nos.				
36	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	1	Nos.				
37	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	3	Nos.				
38	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	3	Nos.				
39	1500 Module Length	2	Nos.				
40	Hanging Storage 900 Mm W , 535 Mm D & 635 Mm H	1	Nos.				
41	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
42	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	7	Nos.				
43	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	1	Nos.				
44	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	1	Nos.				
45	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	1	Nos.				
46	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
47	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
48	PP Drop-in Sink Overall Size : 548 x 398 x 235mm	2	Nos.				
49	Ss Pegboard	2	Nos.				
50	3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck {Product Code: BT385RS-8" (CW)}	2	Nos.				
51	Eye Wash Deck Mounted (Drench Hose Unit) With Braided Stainless Steel Hose	2	Nos.				
52	Pvc Emergency Safety Shower Emergency Shower With Eye/Face Wash , All Pvc Construction	1	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
53	Ms Chemical Storage Cabinet (With Top Cover Panel) 1000 X 486 X 1800 Mm : 1.2 Mm Thk Including Damper	1	Nos.				
54	MDF with Laminate, (Nos.) 25mm [1200mm x 2400mm]	1.22	Sq.Mtrs.				
55	Jet Black Granite (Sq.mt.) 20 (+2) mm thk.	11.26	Sq.Mtrs.				
56	Silicon Sealant - Black	1	Nos.				
57	Masking Tape	1	R.Mtrs.				
58	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	50	R.Mtrs.				
59	SR-998 Glue for Neoprene Mat. (Litres)	2	R.Mtrs.				
60	Brackets For Fixing Worktops With C-Frame	1	Nos.				
61	Z Strip For Wall Cabinet With Upright 750W	4	Nos.				
62	Z Strip For Wall Cabinet With Upright 600W	3	Nos.				
63	6/16A, 6 pin shutter Socket	42	Nos.				
64	6 Module Plate	21	Nos.				
65	16A, 1 way Switch	42	Nos.				
66	Flexible/ F Serated Connector size : 38mm x Length = 1m	2	Nos.				
67	Anti-Siphon bottle trap Size : 38mm	2	Nos.				
68	Reducer 75 - 80 Fr Spot Fume	4	Nos.				
69	Multipurpose Hood 380 X 460	4	Nos.				
70	Extension Profile 1100L	4	Nos.				
71	Bracket For Spot Fume Extractor	4	Nos.				
72	Arm Fx75 1500L Connection Up	4	Nos.				
TOTAL							

Annexure 2B

BILL OF QUANTITY - FUME HOODS

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	TOTAL
	NATURE OF WCT : DIVISIBLE			(Rs)			(Rs)
FF LAB 5							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	1	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	1	Nos				
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	1	Nos				
3	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	1	Nos				
4	DISTRIBUTION BOARD ENABLED FOR AUTOSASH FOR AEOLUS FUMEHOOD	0	Nos				
5	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	1	Nos				
6	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	2	Nos				
7	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
8	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
9	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
10	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
11	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	1	Nos				
12	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	1	Nos				
13	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	1	Nos				
14	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
15	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	1	Nos				

16	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	2	Nos				
Sub-Total							
FF LAB 5							
5 Feet LCV BT							
Superstructure							
1	5 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	1	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	1	Nos				
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	1	Nos				
3	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	0	Nos				
4	DISTRIBUTION BOARD ENABLED FOR AUTOSASH FOR AEOLUS FUMEHOOD	1	Nos				
5	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	1	Nos				
6	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	2	Nos				
7	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
8	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
9	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
10	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
11	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	1	Nos				
12	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	1	Nos				
13	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	1	Nos				
14	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
15	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	1	Nos				
16	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	2	Nos				
Sub-Total							

Annexure 2C

BILL OF QUANTITY - DUCTING

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	AMOUNT
				(Rs)			(Rs)
Fume Hood Under Cabinet Ducting Duct-1							
2" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	8	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	30	RF				
SUB TOTAL							
Duct - 3 FF Lab 5							
10" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	1	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	1	Nos				
3	Flexible Duct (PP)	5	RF				
4	Hanging Support 10" (with hardware)	1	Nos				
5	Hose clamps for flexible Duct (with hardware)	4	Nos				
6	Rigid Duct (3mm PP + 3mm FRP)	5	RF				
7	Reducer 10" to 14", 400mm L	1	Nos				
14" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 14" (with hardware)	3	Nos				
5	Inlet Transition for blower -	1	Nos				
6	Raincowl for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	40	RF				
8	U-clamps for Rigid Duct (with hardware)	3	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				
SUB TOTAL							

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	AMOUNT
				(Rs)			(Rs)
Duct - 5 FF Lab 5							
3" Diameter							
1	Flexible Duct (PP)	5	RF				
2	Hose clamps for flexible Duct (with hardware)	8	Nos				
3	Rigid Duct (3mm PP + 3mm FRP)	5	RF				
4	Reducer 3"-4", 100mm L	8	Nos				
4" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	3	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
3	Hanging Support 4" (with hardware)	2	Nos				
4	Rigid Duct (3mm PP + 3mm FRP)	15	RF				
5	Reducer 4"-6", 200mm L	5	RF				
6" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	3	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 6" (with hardware)	7	Nos				
5	6" Raincowl for blower -	1	Nos				
6	Inlet Transition for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	60	RF				
8	U-clamps for Rigid Duct (with hardware)	3	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				
SUB TOTAL							

Annexure 2D**BILL OF QUANTITY - BLOWERS**

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	AMOUNT
1	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 600CFM, 1400RPM, 0.75H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos				
2	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 2000CFM, 1400RPM, 2.0H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos				
Total							

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST _____ %	GST Amount (Rs)	Total Amount (Rs)
	Furniture			
FF LAB 1				
	Fume hood Superstructures			
FF LAB 1				
FF LAB 1				
	Fume hood Accessories			
FF LAB 1				
FF LAB 1				
	Ducting			
Duct-1				
Duct-9				
	Blowers			
Centrifugal Blowers For Fumehood				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	5	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	2	Nos.				
3	R.H. 750 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	1	Nos.				
4	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	5	Nos.				
5	L.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	2	Nos.				
6	L.H. 750 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	1	Nos.				
7	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	5	Nos.				
8	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	8	Nos.				
9	Common 750 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	5	Nos.				
10	1500 Module Length Horizontal Members	2	Nos.				
11	1460 End Sink Unit Module Length Horizontal Members	3	Nos.				
12	1200 Module Length Horizontal Members	12	Nos.				
13	1200 Module Length Horizontal Members	6	Nos.				
14	Filler Panel For End Sink Unit Side	6	Nos.				
15	End Sink Unit Side Covr Panel	6	Nos.				
16	770 Depth Wall Side W ithout Upright End Cover Panel	2	Nos.				
17	770 Depth Wall Side W ithout Upright End Cover Panel	2	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
18	1540 Depth Island With Upright & Without Upright End Cover Panel	3	Nos.				
19	1800 Ht. Island Upright With Cutout & Plain Cover (Without Cutout)	2	Nos.				
20	1800 Ht. Island Upright With Cutout & Cover With Cutout	2	Nos.				
21	1800 Ht. Island Plain Upright & Cover With Cutout	2	Nos.				
22	1200 Module Length Island Electrical Boom - Cutout : 6M + 6M	4	Nos.				
23	Outer Cover For Single-Sided Electrical Trunking	4	Nos.				
24	Outer Cover For Double-Sided Electrical Trunking	5	Nos.				
25	1200 Module Length Glass Reagent Shelf For Island	16	Nos.				
26	Island Without Upright C-Frame Joining Bracket	2	Nos.				
27	600 Module Length Double Side Electrical Trunking - Cutouts: 6M + 6M	2	Nos.				
28	1500 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	2	Nos.				
29	1200 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	6	Nos.				
30	Top Unit With Glass Shutter 750 Mm W , 340 Mm D & 635 Mm H	4	Nos.				
31	Hanging Storage 600 Mm W , 535 Mm D & 485 Mm H	6	Nos.				
32	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
33	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	12	Nos.				
34	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
35	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
36	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
37	PP Drop-in Sink Overall Size : 548 x 398 x 235mm	3	Nos.				
38	Flexible/ F Serated Connector size : 38mm x Length = 1m	3	Nos.				
39	Anti-Siphon bottle trap Size : 38mm	3	Nos.				
40	3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck {Product Code: BT385RS-8" (CW)}	3	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
41	Eye Wash Deck Mounted (Drench Hose Unit) With Braided Stainless Steel Hose	3	Nos.				
42	Double at 180o Laboratory Push/turn Gas Valve fitting Deck mounted with POP - UP indicator disc for LPG	7	Nos.				
43	Double At 180° Laboratory Needle Valve fitting Deck mounted for Compressed Air	6	Nos.				
44	MDF with Laminate, (Nos.) 25mm [1200mm x 2400mm]	2.51	Sq.Mtrs.				
45	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	20.56	Sq.Mtrs.				
46	Silicon Sealant- Black	1	Nos.				
47	Masking Tape	1	R.Mtrs.				
48	Neoprene Strip (Running Meter) 30mm wide & 6 mm thick)	90	R.Mtrs.				
49	SR-998 Glue for Neoprene Mat. (Litres)	3	R.Mtrs.				
50	BRACKETS FOR FIXING INDUSTRIAL LAMINATE TOP, MDF TOP & EPOXY TOP WITH C-FRAME	2	Nos.				
51	Z STRIP FOR WALL CABINET WITH UPRIGHT 750W	4	Nos.				
52	6/16A, 6 pin shutter Socket	96	Nos.				
53	6 Module Plate	48	Nos.				
54	16A, 1 way Switch	96	Nos.				

Annexure 2B

BILL OF QUANTITY - FUME HOODS

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST amount	TOTAL
	NATURE OF WCT : DIVISIBLE						
FF LAB 1							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	1	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	1	Nos				
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	1	Nos				
3	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	1	Nos				
4	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	1	Nos				
5	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	2	Nos				
6	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
7	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
8	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
9	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
10	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	1	Nos				
11	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	1	Nos				
12	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	1	Nos				

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST amount	TOTAL
13	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
14	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	1	Nos				
15	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	2	Nos				
Sub-Total							

FF LAB 1							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	1	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	1	Nos				
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	1	Nos				
3	DISTRIBUTION BOARD ENABLED FOR AUTOSASH FOR AEOLUS FUMEHOOD	1	Nos				
4	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	1	Nos				
5	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	2	Nos				
6	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
7	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
8	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
9	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				
10	Vacuum (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	1	Nos				

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST amount	TOTAL
11	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	1	Nos				
12	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	1	Nos				
13	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	1	Nos				
14	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	1	Nos				
15	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	1	Nos				
16	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	2	Nos				
Sub-Total							

Annexure 2C

BILL OF QUANTITY - DUCTING

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	AMOUNT
Fume Hood Under Cabinet Ducting Duct-1							
2" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	66	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	320	RF				
Duct - 3 FF Lab 5							
10" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	1	Nos				
2	Flexible Duct (PP)	5	RF				
3	Hanging Support 10" (with hardware)	1	Nos				
4	Hose clamps for flexible Duct (with hardware)	4	Nos				
5	Rigid Duct (3mm PP + 3mm FRP)	5	RF				
6	Reducer 10" to 14", 400mm L	1	Nos				
14" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 14" (with hardware)	2	Nos				
5	Inlet Transition for blower -	1	Nos				
6	Raincowl for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	45	RF				
8	U-clamps for Rigid Duct (with hardware)	3	Nos				
Hardware for ducting							
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				

Annexure 2D

BILL OF QUANTITY - BLOWERS

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	AMOUNT
1	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 2000CFM, 1400RPM, 2.0H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos				
Total							

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST _____%	GST Amount (Rs)	Total Amount (Rs)
	Furniture			
FF LAB 4				
	Fume hood Superstructures			
FF LAB 4				
	Fume hood Accessories			
FF LAB				
	Ducting			
Duct-1				
Duct-6				
	Blowers			
Centrifugal Blowers For Fumehood				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST ____%	GST Amount(Rs)	AMOUNT
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	8	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	1	Nos.				
3	R.H. 750 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	1	Nos.				
4	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	8	Nos.				
5	L.H. 900 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	1	Nos.				
6	L.H. 750 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	1	Nos.				
7	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	4	Nos.				
8	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	12	Nos.				
9	Common 750 Ht.C-Frame Assy. For Table Depths 620 Wall Side, 1240 Island Without Upright & 770 W allside With Upright	4	Nos.				
10	750 Module Length Horizontal Members	3	Nos.				
11	750 Module Length Horizontal Members	1	Nos.				
12	600 Module Length Horizontal Members	1	Nos.				
13	1500 Module Length Horizontal Members	6	Nos.				
14	1460 End Sink Unit Module Length Horizontal Members	6	Nos.				
15	1200 Module Length Horizontal Members	6	Nos.				
16	R.H. 770 Depth Wall Side With Upright End Cover Panel	1	Nos.				
17	R.H. 770 Depth Wall Side With Upright End Cover Panel	1	Nos.				
18	L.H. 770 Depth Wall Side With Upright End Cover Panel	1	Nos.				
19	L.H. 770 Depth Wall Side With Upright End Cover Panel	1	Nos.				
20	Filler Panel For End Sink Unit Side	12	Nos.				
21	End Sink Unit Side Covr Panel	12	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST _____%	GST Amount(Rs)	AMOUNT
22	770 Depth Wall Side Without Upright End Cover Panel	4	Nos.				
23	2100 Ht.Wall Side Upright With Cutout & Plain Cover (Without Cutout)	1	Nos.				
24	2100 Ht.Wall Side Plain Upright & Cover With Cutout	1	Nos.				
25	1800 Ht.Island Upright With Cutout & Plain Cover (Without Cutout)	3	Nos.				
26	1800 Ht.Island Plain Upright & Cover With Cutout	3	Nos.				
27	1500 Ht.Island Upright With Cutout & Plain Cover (Without Cutout)	2	Nos.				
28	1500 Ht.Island Plain Upright & Plain Cover (Without Cutout)	2	Nos.				
29	1500 Ht.Island Plain Upright & Cover With Cutout	2	Nos.				
30	750 Module Length Wall Electrical Boom - Cutout : 6M	4	Nos.				
31	1500 Module Length Island Electrical Boom - Cutout : 6M + 6M	3	Nos.				
32	Outer Cover For Single-Sided Electrical Trunking	5	Nos.				
33	Computer Data Transfer Socket With Shutter - RJ45 CAT 5	8	Nos.				
34	2 Module Plate	4	Nos.				
35	750 Module Length Glass Reagent Shelf For Wall	2	Nos.				
36	1500 Module Length Glass Reagent Shelf For Island	12	Nos.				
37	600 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	1	Nos.				
38	1200 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	5	Nos.				
39	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	4	Nos.				
40	Top Unit With Glass Shutter 450 Mm W , 340 Mm D & 635 Mm H	8	Nos.				
41	750 Module Length	1	Nos.				
42	600 Module Length	1	Nos.				
43	Hanging Storage 750 Mm W , 535 Mm D & 485 Mm H	3	Nos.				
44	Hanging Storage 600 Mm W , 535 Mm D & 485 Mm H	1	Nos.				
45	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	1	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST _____%	GST Amount(Rs)	AMOUNT
46	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	13	Nos.				
47	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
48	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	5	Nos.				
49	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
50	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
51	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	3	Nos.				
52	AVT 2 : 900 x 600 x 900mm	1	Nos.				
53	PP Drop-in Sink Overall Size : 548 x 398 x 235mm	3	Nos.				
54	SS Pegboard Size : 550 x 420 x 55. 25 Pegs	3	Nos.				
55	3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck {Product Code: BT385RS-8" (CW)}	3	Nos.				
56	Eye Wash Deck Mounted (Drench Hose Unit) With Braided Stainless Steel Hose	3	Nos.				
57	Pvc Emergency Safety Shower Emerge	1	Nos.				
58	Double At 180° Laboratory Needle Valve fitting Deck mounted for HELIUM	1	Nos.				
59	Double At 180° Laboratory Needle Valve fitting Deck mounted for Nitrogen	1	Nos.				
60	Double At 180° Laboratory Needle Valve fitting Deck mounted for Compressed Air	1	Nos.				
61	Ms Chemical Storage Cabinet (With Top Cover Panel) 1000 X 486 X 1800 Mm : 1.2 Mm Thk Including Damper	3	Nos.				
62	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	30.09	Sq.Mtrs.				
63	Silicon Sealant - Black	2	Nos.				
64	Masking Tape	2	R.Mtrs.				
65	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	130	R.Mtrs.				
66	SR-998 Glue for Neoprene Mat. (Litres)	4	R.Mtrs.				
67	PP Chemical Storage Cabinet	1	Nos.				
68	Flamable Cabinet	1	Nos.				
69	Z Strip For Wall Cabinet W ith Upright 600W	4	Nos.				
70	Z Strip For Wall Cabinet W ith Upright 450W	8	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST ____%	GST Amount(Rs)	AMOUNT
71	6/16A, 6 pin shutter Socket	66	Nos.				
72	6 Module Plate	33	Nos.				
73	16A, 1 way Switch	66	Nos.				
74	AVT 2 : GRANITE SLAB	1	Nos.				
75	AVT 2 : KADAPPA SLAB	1	Nos.				
76	Flexible/ F Serated Connector size : 38mm x Length = 1m	3	Nos.				
77	Anti-Siphon bottle trap Size : 38mm	3	Nos.				

Annexure 2B

BILL OF QUANTITY - FUME HOODS

Sr. No.	ITEM	QTY	UNIT	RATE	GST _____%	GST Amount(Rs)	AMOUNT
	NATURE OF WCT : DIVISIBLE						
FF LAB 4							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	3	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	3	Nos				
2	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	3	Nos				
3	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	1	Nos				
4	DISTRIBUTION BOARD ENABLED FOR AUTOSASH FOR AEOLUS FUMEHOOD	2	Nos				
5	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	3	Nos				
6	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	6	Nos				
7	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	3	Nos				

Sr. No.	ITEM	QTY	UNIT	RATE	GST _____%	GST Amount(Rs)	AMOUNT
8	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	3	Nos				
9	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	3	Nos				
10	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	3	Nos				
11	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	3	Nos				
12	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	3	Nos				
13	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	3	Nos				
14	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	3	Nos				
15	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	3	Nos				
16	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	6	Nos				
Sub-Total							

Annexure 2C

BILL OF QUANTITY - DUCTING

Sr. No.	ITEM	QTY	UNIT	RATE	GST _____%	GST Amount(Rs)	AMOUNT
Fume Hood Under Cabinet Ducting Duct-1							
2" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	12	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	45	RF				
Duct - 6 FF Lab 4							
4" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	3	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
3	Hanging Support 4" (with hardware)	6	Nos				
4	Rigid Duct (3mm PP + 3mm FRP)	20	RF				
5	Reducer 4"-6", 200mm L	1	Nos				
6" Diameter							
1	Hanging Support 6" (with hardware)	2	Nos				
2	Rigid Duct (3mm PP + 3mm FRP)	10	RF				
3	Reducer 6"-8", 200mm L	1	Nos				
8" Diameter							
1	90 degrees bend (3mm PP + 3mm FRP)	3	Nos				
4	Hanging Support 8" (with hardware)	5	Nos				
5	Rigid Duct (3mm PP + 3mm FRP)	25	RF				
10" Diameter							
1	45 degrees bend (3mm PP + 3mm FRP)	1	Nos				
2	90 degrees bend (3mm PP + 3mm FRP)	1	Nos				
3	Flexible Duct (PP)	5	RF				
4	Hanging Support 10" (with hardware)	1	Nos				
5	Hose clamps for flexible Duct (with hardware)	4	Nos				
6	Rigid Duct (3mm PP + 3mm FRP)	5	RF				
7	Reducer 10" to 14", 400mm L	1	Nos				
14" Diameter							

Sr. No.	ITEM	QTY	UNIT	RATE	GST _____%	GST Amount(Rs)	AMOUNT
1	90 degrees bend (3mm PP + 3mm FRP)	2	Nos				
2	Bellow	1	Nos				
3	Bellow clamps for Bellow (with hardware)	2	Nos				
4	Hanging Support 14" (with hardware)	3	Nos				
5	Inlet Transition for blower -	1	Nos				
6	Raincowl for blower -	1	Nos				
7	Rigid Duct (3mm PP + 3mm FRP)	45	RF				
8	U-clamps for Rigid Duct (with hardware)	3	Nos				
	Hardware for ducting						
1	Anti-Vibration Pads	5	Nos				
2	GI Nuts and bolts (Nos.)	30	Nos				

Annexure 2D**BILL OF QUANTITY - BLOWERS**

Sr. No.	ITEM	QTY	UNIT	RATE	GST _____%	GST Amount(Rs)	AMOUNT
1	Centrifugal Blower PP + FRP lined Blower with FRP-vinylester impeller and a motor, 2800CFM, 1400RPM, 3.0H.P. KEC/CGL Make Motor, 60mm W.G.	1	Nos				
Total							

Annexure 1

SUMMARY

Lab name	Basic Amount (Rs)	GST _____%	GST Amount	Total Amount (Rs)
	Furniture			
11 Feet Table				
4 Feet Table				
7 Feet Table				
Anti Vibration				
GRAND TOTAL				

Annexure 2A

BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
11 Feet							
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
2	L.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
3	Common 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
4	1650 Module Length Horizontal Members	2	Nos.				
5	920 Depth Wall Side W ithout Upright	2	Nos.				
6	1650 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	2	Nos.				
7	Outer Cover For Single-Sided Electrical Trunking	2	Nos.				
8	Hanging Storage 450 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
9	Hanging Storage 450 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
10	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	3.5	Sq.Mtrs.				
11	Silicon Sealant - Black	1	Nos.				
12	Masking Tape	1	R.Mtrs.				
13	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	20	R.Mtrs.				
14	SR-998 Glue for Neoprene Mat. (Litres)	1	R.Mtrs.				
15	6/16A, 6 pin shutter Socket	12	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
16	6 Module Plate	6	Nos.				
17	16A, 1 way Switch	12	Nos.				
Sub-Total							

4 Feet Table							
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
2	L.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
3	1200 Module Length Horizontal Members	1	Nos.				
4	920 Depth Wall Side W ithout Upright	2	Nos.				
5	1200 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	1	Nos.				
6	Outer Cover For Single-Sided Electrical Trunking	2	Nos.				
7	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	1	Nos.				
8	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	1.5	Sq.Mtrs.				
9	Silicon Sealant - Black	1	Nos.				
10	Masking Tape	1	R.Mtrs.				
11	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	10	R.Mtrs.				
12	SR-998 Glue for Neoprene Mat. (Litres)	1	R.Mtrs.				

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
13	6/16A, 6 pin shutter Socket	6	Nos.				
14	6 Module Plate	3	Nos.				
15	16A, 1 way Switch	6	Nos.				
Sub-Total							
7 Feet Table							
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
2	L.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
3	Common 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	1	Nos.				
4	1050 Module Length Horizontal Members	2	Nos.				
5	920 Depth Wall Side W ithout Upright	2	Nos.				
6	1050 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	2	Nos.				
7	Outer Cover For Single-Sided Electrical Trunking	2	Nos.				
8	Hanging Storage 450 Mm W , 535 Mm D & 635 Mm H	2	Nos.				
9	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	2.5	Sq.Mtrs.				
10	Silicon Sealant - Black	1	Nos.				
11	Masking Tape	1	R.Mtrs.				
12	Neoprene Strip (Running Meter) (30mm wide & 6 mm thick)	10	R.Mtrs.				

Sr. No.	ITEM	QTY	Unit	RATE	GST%	GST Amount	AMOUNT
13	SR-998 Glue for Neoprene Mat. (Litres)	1	R.Mtrs.				
14	6/16A, 6 pin shutter Socket	12	Nos.				
15	6 Module Plate	6	Nos.				
16	16A, 1 way Switch	12	Nos.				
Sub-Total							
Anti Vibration							
1	AVT 2 : 900 x 600 x 900mm	1	Nos.				
2	AVT 2 : GRANITE SLAB	1	Nos.				
3	AVT 2 : KADAPPA SLAB	1	Nos.				
Sub-Total							

Annexure 1**SUMMARY**

	Basic Amount (Rs)	GST _____%	GST Amount (Rs.)	Total Amount (Rs.)
Furniture				
Fume hood Superstructures				
Fume hood Accessories				
Ducting				
Blowers				
GRAND TOTAL				
GRAND TOTAL FOR 12 LABS				
GRAND TOTAL FOR EACH LABS				

Annexure 2A
BILL OF QUANTITY - FURNITURE

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
1	R.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	60	Nos.				
2	R.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	36	Nos.				
3	R.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	36	Nos.				
4	L.H. 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	60	Nos.				
5	L.H. 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	36	Nos.				
6	L.H. 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	36	Nos.				
7	Common 900 Ht.C-Frame Assy. For Table Depths 770 Wall Side Without Upright , 1540 Island Without Upright & 920 W all Side With Upright	24	Nos.				
8	Common 900 Ht.C-Frame Assy. For Table Depths 1840 Island Witout Upright & 920 Wall Side W ithout Upright	96	Nos.				
9	Common 900 Ht.C-Frame Assy. For Table Depth 1540 Island With Upright	144	Nos.				
10	900 Module Length Horizontal Members	12	Nos.				
11	600 Module Length Horizontal Members	12	Nos.				
12	1500 Module Length Horizontal Members	24	Nos.				
13	1460 End Sink Unit Module Length Horizontal Members	36	Nos.				
14	1200 Module Length Horizontal Members	276	Nos.				
15	Filler Panel For End Sink Unit Side	72	Nos.				
16	End Sink Unit Side Covr Panel	72	Nos.				
17	920 Depth Wall Side W ithout Upright	72	Nos.				
18	770 Depth Wall Side W ithout Upright End Cover Panel	60	Nos.				
19	1540 Depth Island With Upright & W ithout Upright End Cover Panel	72	Nos.				
20	1800 Ht.Island Upright W ith Cutout & Plain Cover (W ithout Cutout)	36	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
21	1800 Ht.Island Upright W ith Cutout & Cover With Cutout	36	Nos.				
22	1800 Ht.Island Plain Upright & Cover With Cutout	36	Nos.				
23	1200 Module Length Island Electrical Boom - Cutout : 6M + 6M	72	Nos.				
24	Outer Cover For Single-Sided Electrical Trunking	132	Nos.				
25	1200 Module Length Glass Reagent Shelf For Island	288	Nos.				
26	900 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	12	Nos.				
27	750 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M	12	Nos.				
28	1500 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	12	Nos.				
29	1200 Module Length Single Side Electrical Trunking - Cutouts: 6M + 6M + 6M	132	Nos.				
30	Top Unit With Glass Shutter 750 Mm W , 340 Mm D & 635 Mm H	96	Nos.				
31	Top Unit With Glass Shutter 600 Mm W , 340 Mm D & 635 Mm H	180	Nos.				
32	Top Unit With Glass Shutter 450 Mm W , 340 Mm D & 635 Mm H	48	Nos.				
33	Hanging Storage 900 Mm W , 535 Mm D & 635 Mm H	12	Nos.				
34	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	12	Nos.				
35	Hanging Storage 750 Mm W , 535 Mm D & 635 Mm H	24	Nos.				
36	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	168	Nos.				
37	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	48	Nos.				
38	Hanging Storage 600 Mm W , 535 Mm D & 635 Mm H	240	Nos.				
39	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	36	Nos.				
40	Hanging Storage 445 Mm W , 535 Mm D & 635 Mm H	36	Nos.				
41	AVT 2 : 900 x 600 x 900mm	12	Nos.				
42	PP Drop-in Sink Overall Size : 548 x 398 x 235mm	72	Nos.				
43	Ss Pegboard Model No: W jh0360 420X550X55	72	Nos.				
44	3 Way Faucet Bench mounted 3 way water fittings with 8" swing gooseneck {Product Code: BT385RS-8" (CW)}	72	Nos.				
45	Eye Wash Deck Mounted (Drench Hose Unit) With Braided Stainless Steel Hose Model No. BteW1020Ssh	72	Nos.				
46	Pvc Emergency Safety Shower Emergency Shower With Eye/Face Wash , All Pvc Construction Model No. G1992	12	Nos.				

Sr. No.	ITEM	QTY	Unit	RATE	GST %	GST Amount	AMOUNT
47	Ms Chemical Storage Cabinet (With Top Cover Panel) 1000 X 486 X 1800 Mm : 1.2 Mm Thk	12	Nos.				
48	Jet Black Granite (Sq.mt.) 20 (±2) mm thk.	384	Sq.Mtrs.				
49	Silicon Sealant - Black	24	Nos.				
50	Masking Tape	24	R.Mtrs.				
Sub-Total							

Annexure 2B
BILL OF QUANTITY - FUME HOODS

Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST Amount	TOTAL
	INSTALLATION: 5% OF BASIC SUPPLY; GST @ 28% APPLICABLE ON SUPPLY AND GST @ 18% APPLICABLE ON INSTALLATION			(Rs)			(Rs)
SF LAB 1							
6 Feet LCV BT							
Superstructure							
1	6 FEET BENCHTOP LCV AEOLUS FUME HOOD WITHOUT ANY ACCESSORIES	12	PCS				
Sub-Total							
Accessories							
1	AFA 1000/1 FOR AEOLUS FUMEHOOD	12	Nos				
1	AUTOSASH FOR 4 TO 6 FT BENCHTOP AEOLUS FUMEHOOD	12	Nos				
2	ECO PANEL (0.75 TO 1 HP) WITH TL/ BL FOR AEOLUS FUMEHOOD	12	Nos				
2	LED LIGHT FOR 4 TO 6 FT AEOLUS FUMEHOOD	12	Nos				
3	3 MODULE PLATE WITH SOCKET & TINY TRIP FOR AEOLUS FUME HOOD	24	Nos				
4	APPARATUS GRID FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	12	Nos				
5	Compressed Air (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	12	Nos				
6	Nitrogen (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	12	Nos				
7	Raw Water (Flexible Tubing Service Valves For Benchtop Aeolus Fumehood)	12	Nos				
8	CEILING FRONT COVER PANEL FOR 6 FEET AEOLUS FUMEHOOD	12	Nos				
9	CEILING LH/ RH SIDE COVER PANEL FOR AEOLUS FUMEHOOD	12	Nos				

Sr. No.	ITEM	QTY	UNIT	RATE	GST%	GST Amount	TOTAL
10	FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCH TOP AEOLUS FUMEHOOD WITH NO CUT-OUT ON TRUNKING	12	Nos				
11	BACK PANEL SET FOR FRAME BASED UNDERSTRUCTURE FOR 6 FEET BENCHTOP AEOLUS FUMEHOOD	12	Nos				
12	SIDE PANEL SET FOR FRAME BASED UNDERSTRUCTURE BENCHTOP AEOLUS FUMEHOOD	12	Nos				
13	MOBILE APPARATUS STORAGE CABINET FOR BENCH TOP AEOLUS FUME HOOD WITH FRAME BASED UNDERSTRUCTURE 840W	24	Nos				
Sub-Total							

Annexure 2D
BILL OF QUANTITY - BLOWERS

Sr. No.	ITEM	QTY	UNIT	RATE	GST %	GST Amount	AMOUNT
1	Contrifugal blower PP + FRP lined blower with FRP- vinylester impeller and a motor, 1000CFM, 1400RPM, 0.75H.P. KEC/CGL male motor, 50mm W.G.	12	Nos				
Total							