



DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY  
MURTHAL, SONEPAT (INDIA) 131 039  
(Established by Haryana State Legislative Act 29 of 2006 &  
Approved under Section 2(F) & 12(B) of U.G. Act, 1956)  
Website : [www.dcrustm.org](http://www.dcrustm.org)

**Detailed Notice Inviting Tender**

**E-Tender Document**

**Tender No. DCRUST/PUR/2020/02**

**Schedule: LABORATORY FUMEHOOD, EXHAUST SYSTEM & LABORATORY FURNITURE FOR ORGANIC RESEARCH LAB**

(5 feet bench top fume hood- 02, 6 feet bench top fumehood-02, exhaust system abutted with fume hoods via single exit-01, central working bench-02, wall benches-02, work station bench units-06, safety cabinet for acid storage 01, safety accessories, fixtures and other civil or electrical work for installation as mentioned in specifications and drawings)

**Tender Fees: ₹ 5000/-**

**STD Code (0130)**

**Phone No. 2484022**

**Fax No. (0130) 2484005 & 2484004**

**Website: [www.dcrustm.org](http://www.dcrustm.org), [www.dcrustm.org](http://www.dcrustm.org)**



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**Instruction to the Bidder**

**e-Tender** is invited for purchase of below mentioned items in single stage two cover system i.e. Request for Pre-Qualification / Technical Bid (online Bid under PQQ / Technical Envelope) and Request for Financial Bid (comprising of price bid Proposal under online available Commercial Envelope):-

Sr. No	Description of work / Items	Estimated cost/Basic value (In Rs.)	EMD to be deposited by Bidder	Tender Document Fee & eService Fee (Rs.)	Start Date & Time of Bid Preparation & Submission	Expiry Date & Time of Bid of EMD Submission
1.	<b>Laboratory Fume hood, Exhaust System &amp; Laboratory Furniture</b> (5 feet bench top fume hood-02, 6 feet bench top fumehood-02, exhaust system abutted with fume hoods via single exit-01, central working bench-02, wall benches-02, work station bench units-06, safety cabinet for acid storage 01, safety accessories, fixtures and other civil or electrical work for installation as mentioned in specifications and drawings)	Rs. 29.00 lacs Approx.	@ 2% of basic value	Rs.5000 + 1180	29.01.2020. at 9.00AM	20.02.2020 upto 5.00PM

Under this process, the Pre-qualification/ Technical online bid Application as well as online Price Bid shall be invited at single stage under two covers i.e. PQQ/Technical & Commercial Envelope. Eligibility and qualification of the Applicant will be first examined based on the details submitted online under first cover (PQQ or Technical) with respect to eligibility and qualification criteria prescribed in this Tender document. The Price Bid under the second cover shall be opened for only those Applicants whose PQQ/ Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

1. The Bidders shall have to pay for the Tender Documents Fee, EMD Fees & e-Service Fee online by using the service of secure electronic payment gateway. The secure electronic payments gateway is an online interface between bidders and online payment authorization networks.
2. The bidders must have Net Banking account in order to pay Tender Document Fee and e-Service Fee.
3. **Payment of Tender Fee:-** The payment for the Tender Document Fee shall be made by the interested bidder online directly through Net Banking with the available Banks at e-GRAS e-Payment Gateway.
4. **Payment of e-Service Fee:-** E-Service Fee payment shall be made separately by the interested bidders/contractors online directly through Net Banking Account.
5. **Payment of EMD:-** The payment of EMD can be made through Net Banking or RTGS/ NEFT. In this regard please refer to 'Online Payment Guideline' available at the Single e-Procurement portal of Govt. of Haryana at the link: <https://etenders.hry.nic.in>
6. Intending bidders will be mandatorily required to sign-up online (create user account) on the website <https://etenders.hry.nic.in> to be eligible to participate in the e-Tender. In case the intended bidder fails to

pay EMD fee under the stipulated time frame, he/she shall not be allowed to submit his/ her bids for the respective event/ Tenders.

7. In case of payment of EMD through RTGS/ NEFT, the interested bidders must remit the funds at least T+1 working day (Transaction + One Day) in advance i.e. on or before \_\_\_\_\_ upto 2.00 P.M; and make payment via RTGS/NEFT to the beneficiary account number specified under the online generated challan. The intended bidder/ Agency thereafter will be able to successfully verify their payment online, and submit their bids on or before the expiry date & time of the respective events/ Tenders at <https://etenders.hry.nic.in>
8. However, the details of the EMD, Tender document Fee & E – Service Fee are required to be filled/ provided at the time of online Bid Preparation.

**The Bidders can submit their tender documents (Online) as per the dates mentioned in the key dates:-**

**Key Dates**

<b>Sr. No.</b>	<b>Department Stage</b>	<b>Bidder's Stage</b>	<b>Start date and time</b>	<b>Expiry date and time</b>
1		<b>Tender Document Download and Bid Preparation/Submission</b>	29.01.2020 9:00 A.M	20.02.2020 upto 05:00 P.M
2	<b>Technical Bid Opening</b>		25.02.2020 at 11:00 AM	
3	<b>Financial Bid Opening</b>		After evaluation of the Technical Bid	

**Important Note:**

- 1) The Applicants/bidders have to complete 'Application / Bid Preparation & Submission' stage on scheduled time as mentioned above. If any Applicant / bidder failed to complete his / her aforesaid stage in the stipulated online time schedule for this stage, his / her Application/bid status will be considered as 'Applications / bids not submitted'.
- 2) Applicant/Bidder must confirm & check his/her Application/bid status after completion of his/her all activities for e-bidding.
- 3) Applicant/Bidder can rework on his/her bids even after completion of 'Application/Bid Preparation & submission stage' (Application/Bidder Stage), subject to the condition that the rework must take place during the stipulated time frame of the Applicant/Bidder Stage.
- 4) In the first instance, the online payment details of tender document fee + e-Service and EMD & PQQ/Technical Envelope shall be opened. Henceforth financial bid quoted against each of the item by the shortlisted bidder/ Agency wherever required shall be opened online in the presence of such bidders/ Agency who either themselves or through their representatives choose to be present. The bidder can submit online their bids as per the dates mentioned in the schedule/Key Dates above.

The bids shall be submitted online in two separate envelopes:

**Envelope 1: Technical Bid**

The bidders shall upload the required eligibility & technical documents online in the Technical Bid.

**Envelope 2: Commercial Bid**

The bidders shall quote the prices in price bid format under Commercial Bid.

**Chapter-I**  
**Instructions to bidder on Electronic Tendering System**

1. **These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.**

2. **Registration of bidders on e-Procurement Portal:-**

All the bidders intending to participate in the tenders process online are required to get registered on the centralized e - Procurement Portal i.e. [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in). Please visit the website for more details.

3. **Obtaining a Digital Certificate**

- i. The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.
- ii. Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in)
- iii. The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from **O/o DS&D Haryana, SCO-09, 2<sup>nd</sup> floor, sector – 16, Panchkula – 134108**
- iv. The bidder must ensure that he/she comply by the online available important guidelines at the portal [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in) for Digital Signature Certificate (DSC) including the e-Token carrying DSCs.
- v. Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt and sign the data during the stage of bid preparation. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised **to keep a backup of the certificate** and also keep the copies at safe place under proper security (for its use in case of emergencies).
- vi. In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate /power of attorney / lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.
- vii. In case of any change in the authorization, it shall be the responsibility of management / partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person / user on behalf of the firm / company. The procedure for application of a digital certificate however will remain the same for the new user.

viii The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

**3.1. OPENING OF AN ELECTRONIC PAYMENT ACCOUNT: -**

For purchasing the tender documents online, bidders are required to pay the tender documents fees online using the electronic payments gateway service shall be integrated with the system very soon till then it will be submitted manually. For online payment guidelines, please refer to the home page of the e-tendering portal [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in).

**3.2. PRE-REQUISITES FOR ONLINE BIDDING:**

In order to operate on the electronic tender management system, a user's machine is required to be set up. A help file on system setup/Pre-requisite can be obtained from Nextenders (India) Pvt. Ltd. or downloaded from the home page of the website - . The link for downloading required java applet & DC setup are also available on the Home page of the e-tendering Portal.

**3.3. ONLINE VIEWING OF DETAILED NOTICE INVITING TENDERS:**

The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal eProcurement system on the Home Page at [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in)

**3.4. DOWNLOAD OF TENDER DOCUMENTS:**

The tender documents can be downloaded free of cost from the eProcurement portal [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in)

### 3.5. **KEY DATES:**

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

Sr. No.	Department Stage	Bidder's Stage	Start date and time	Expiry date and time
1		<b>Tender Document Download and Bid Preparation/Submission</b>	29.01.2020 at 9:00 A.M	20.02.2020 upto 05:00 P.M
2	<b>Technical Bid Opening</b>		25.02.2020 at 11:00 AM	
3	<b>Financial Bid Opening</b>		After evaluation of the Technical Bid	

### 3.6. **ONLINE PAYMENT OF TENDER DOCUMENT FEE, E-SERVICE FEE , EMD FEES & BID PREPARATION & SUBMISSION (PQQ/ TECHNICAL & COMMERCIAL/PRICE BID):**

#### i. **ONLINE PAYMENT OF TENDER DOCUMENT FEE & E-SERVICE FEE:**

The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee shall be made by bidders/ Vendors online directly through Internet Banking Accounts. The Payment for EMD shall be made online directly through RTGS / NEFT. The secure electronic payments gateway is an online interface between contractors and online payment authorization networks.

#### ii. **PREPARATION & SUBMISSION Of online APPLICATIONS/BIDS:**

Detailed Tender documents may be downloaded from e-procurement website ([www.etenders.hry.nic.in](http://www.etenders.hry.nic.in)) and tender mandatorily be submitted online.

**Scan copy of Documents to be submitted/uploaded for Prequalification or Technical bid under online PQQ/ Technical Envelope:** The required documents (refer to DNIT) shall be prepared and scanned in different file formats (in PDF /JPEG/MS WORD format such that file size is not exceed more than 10 MB) and uploaded during the on-line submission of PQQ or Technical Envelope.

**FINANCIAL or Price Bid PROPOSAL shall be submitted mandatorily online under Commercial Envelope and original not to be submitted manually)**

#### **ASSISTANCE TO THE BIDDERS:-**

In case of any query regarding process of e-tenders and for undertaking training purpose, the intended bidder can also avail the following and can contact service provider as per below:

**Office Timings of Help-desk support** for Single eProcurement Portal of Government of Haryana- Technical Support Assistance will be available over telephone Monday to Friday (09:00 am to 5:30 pm) & Training workshop will be conducted on every 1st, 2nd Friday (from 3:30 pm up to 5:30 pm) of each month.

#### **Important Note:-**

- Any intending bidder can contact the helpdesk on or before prior to 4 hours of the scheduled closing date & time of respective e-Auction/ Tender event.
- Queries pertaining to e-Payment of EMD, please contact the helpdesk at least 2 business days prior to the closing date & time of e-Auction/Tender event.
- Help-desk support will remain closed during lunch break i.e. from 1:30 PM up to 2:15 PM on each working day.

**Haryana eProcurement Help Desk Office will remain closed on Saturday, Sunday and National Holidays**

**NOTE:-** Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in).

For help manual please refer to the 'Home Page' of the e-Procurement website at [www.etenders.hry.nic.in](http://www.etenders.hry.nic.in).



## **Guideline for Online Payments in e-tendering**

Post registration, bidder shall proceed for bidding by using both his digital certificates (one each for encryption and signing). Bidder shall proceed to select the tender he is interested in. On the respective Department's page in the e-tendering portal, the Bidder would have following options to make payment.

- A. Net Banking
- B. RTGS/NEFT

### **Operative Procedures for Bidder Payments**

#### **A) Net Banking**

The procedure for paying through Net Banking will be as follows.

- i. Bidder selects Net Banking option in e-Procurement portal.
- ii. The e-Procurement portal displays the amount to be paid by bidder.
- iii. Bidder clicks on "Continue" button
- iv. The e-Procurement portal takes the bidder to Net Banking payment gateway screen displaying list of Banks
- v. Bidder chooses his / her Bank
- vi. The Net Banking gateway redirects Bidder to the Net Banking page of the selected Bank
- vii. Bidder enters his account credentials and confirms payment
- viii. The Bank verifies the credentials and confirms with "successful" or "failure" message to the Net Banking gateway which is confirmed back to e-Procurement portal.
- ix. The page is automatically routed back to e-Procurement portal
- x. The status of the payment is displayed as "successful" in e-Procurement portal.
- xi. The e-Procurement portal also generates a receipt for all successful transactions. The bidder can take a printout of the same.
- xii. The e-Procurement portal allows Bidder to process another payment attempt in case payments are not successful for previous attempt.

#### **B) RTGS/ NEFT**

The bidder shall have the option to make the EMD payment via RTGS/ NEFT. Using this module, bidder would be able to pay from their existing Bank account through RTGS/NEFT. This would offer a wide reach for more than 90,000 bank branches and would enable the bidder to make the payment from almost any bank branch across India.

- i. Bidder shall log into the client e-procurement portal using user id and password as per existing process and selects the RTGS/NEFT payment option.
- ii. Upon doing so, the e-procurement portal shall generate a pre-filled challan. The challan will have all the details that is required by the bidder to make RTGS-NEFT payment.
- iii. Each challan shall therefore include the following details that will be pre-populated:
  - Beneficiary account no: (unique alphanumeric code for e-tendering)
  - Beneficiary IFSC Code:
  - Amount:
  - Beneficiary bank branch:
  - Beneficiary name:

- iv. The Bidder shall be required to take a print of this challan and make the RTGS/NEFT on the basis of the details printed on the challan.
- v. The bidder would remit the funds at least T + 1 day (Transaction + One day) in advance to the last day and make the payment via RTGS / NEFT to the beneficiary account number as mentioned in the challan.
- vi. Post making the payment, the bidder would login to the e-Tendering portal and go to the payment page. On clicking the RTGS / NEFT mode of payment, there would be a link for real time validation. On clicking the same, system would do auto validation of the payment made.

Sr. no.	Scenario	Do's / Don'ts
1	<p style="text-align: center;"><b>In the event of making Payment through NEFT/RTGS</b></p>	<p>Do's</p> <ul style="list-style-type: none"> <li>• It is the bidder's responsibility to ensure that RTGS/NEFT payments are made to the exact details as mentioned in the challan which are:               <ol style="list-style-type: none"> <li>1) Beneficiary account no: &lt;client code&gt; + &lt;random number&gt;</li> <li>2) Beneficiary IFSC Code: As prescribed by ICICI Bank (this shall remain same across all tenders)</li> <li>3) Amount: As mentioned on the challan. It is specific for every tender/transaction</li> <li>4) Beneficiary bank branch: ICICI Bank Ltd, CMS</li> <li>5) Beneficiary name: As per the challan</li> </ol> </li> <li>• For every tender, details in the challan are different and specific to that tender only. Bidder should not make use of a challan for making payment for another tenders' EMD</li> <li>• It is advised that all the bidders make payment via RTGS/NEFT at least one day in advance to the last day of tender submission as certain amount of time is required for settlement and various parties are involved. The payment may not be available for the bidder validation. In such cases bidder may not be able to submit the tender</li> <li>• Bidder has to make only single payment against a challan as per the amount mentioned on the challan.</li> <li>• Bidder must do the payment before tender validity gets expired</li> </ul>

		<p><b>Don'ts</b></p> <ul style="list-style-type: none"> <li>• Bidder should not enter erroneous details while filling the NEFT/RTGS form at their bank. The following possibilities may arise: <ol style="list-style-type: none"> <li>1) Incorrect IFSC code mentioned:- Transaction would be rejected and the amount would be refunded back in to the bidders account</li> <li>2) Incorrect Beneficiary account number mentioned(&lt;client code&gt; + &lt;random number&gt;):- <ol style="list-style-type: none"> <li>a) In case, the beneficiary account number mentioned is incorrect the transaction would be rejected and the bid would not be accepted.</li> </ol> </li> <li>3) Incorrect Amount mentioned: The amount would be rejected if the amount mentioned in while making the payment is incorrect. Such cases will be captured as un-reconciled transactions and will be auto-refunded directly to bidder's account.</li> </ol> <p>In the event of any discrepancy, payment would not be considered and bidder would not be allowed to bid/ participate.</p> <ul style="list-style-type: none"> <li>• Bidder is not supposed to use challan generated in one tender for payment against another tender since details in the challan are unique to the tender and bidder combination.</li> <li>• Bidder must not make multiple or split payments against a particular challan. Any split payment received against the same challan will be refunded back to the bidder.</li> <li>• Bidder would not be entitled to claim that he is deprived of participating in the tender because his funds are blocked with the division on account of incorrect payment made by the bidder</li> </ul> </li> </ul>
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## **E. BID OPENING AND EVALUATION**

### **4. Bid Opening**

4.1. Tender Opening & Evaluation Committee will open all the Bids received (except those received late), in the presence of the Bidders or their representatives who choose to attend at time, date and the place specified in Appendix in the manner specified in Clause 3.3. In the even of the specified date of Bid opening being declared a holiday, the Bids will be opened at the appointed time and location on the next working day.

4.2. **Deleted.**

4.3. The "Technical Bid" shall be opened first.

4.4 The amount of earnest money, forms and validity shall be announced. Thereafter, the bidders' names and such other details as the Employer may considered appropriate, will be announced by the Committee, Murthal (Sonapat) at the opening.

4.5 Evaluation of the technical bids with respect to bid security, qualification information and other information furnished shall be taken up and completed on the date of bid opening and a list will be drawn up of the responsive bids whose financial bids are eligible for consideration.

4.6 The date & time of opening of the Financial Bid will be announced by the Committee.

4.7. At the time of opening of "Financial Bid", the names of the bidders whose bids were found responsive in accordance with Clause 3.4 will be announced. The bids of only those bidders will be opened. The responsive Bidders ' names, the Bid prices, the total amount of each bid, any discounts and such other details as the Employer may consider appropriate, will be announced by the Committee at the time of opening. Any Bid price or discount, which is not read out and recorded, will not be taken into account in Bid Evaluation.

4.8 The committee will prepare the minutes of the bid opening including the information disclosed to those present in accordance with sub clause 3.6.

## **5. Process to be Confidential**

5.1. Information relating to the examination, clarification, evaluation, and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced, Any efforts by a Bidder to influence the Committee processing of Bids or award decisions may result in the rejection of his Bid.

## **6. Clarification of Financial Bids**

6.1 To assist in the examination, evaluation, and comparison of Bids, the Committee may, at his discretion, ask any Bidder for clarification of his Bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Bid shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the committee in the evaluation of the Bid in accordance with Clause 7.

6.2. Subject to sub-clause 5.1, no Bidder shall contact the Employer on any matter relating to his bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Employer, it should do so in writing.

6.3. Any efforts by the Bidder to influence the committee in the Employer's bid evaluation, bid comparison or contract award decisions may result in the rejection of the Bidders' bid.

## **7. Examination of Bids and Determination of Responsiveness**

7.1. During the detailed evaluation of "Technical Bids", the Committee will determine whether each Bid is substantially responsive to the requirements of the Bidding documents. During the detailed evaluation of the "Financial Bid", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e. priced bill of quantities, technical specifications, and drawings.

7.2. A substantially responsive "Financial Bid" is one which confirms to all the terms, conditions, and specifications of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which effects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Bidding documents, the committee right or the Bidder's obligations under the Contract; or (c) whose rectification would effect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

7.3. If a "Financial Bid" is not substantially responsive, it will be rejected by the Committee and may not subsequently be made responsible by correction or withdrawal of the non-conforming deviation or reservation.

## **8. Correction of Errors.**

8.1. "Financial Bids" determined to be substantially responsive will be checked by the Committee for any arithmetic errors. Errors will be corrected by the Employer as follows:

- (a) Where there is a discrepancy between the rates in figures and in words, the rate in words will govern; and
- (b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

8.2. The amount stated in the "Financial Bid" will be corrected by the Employer in accordance with the above procedure and the bid amount adjusted with the concurrence of the Bidder in the following manner.

- (a) If the Bid price increases as a result of these corrections, the amount as stated in the bid will be the 'bid price' and the increase will be treated as rebate;

- (b) If the bid price decreases as a result of the corrections, the decreased amount will be treated as the 'bid price'

Such adjusted bid price shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount the Bid will be rejected, and the Bid security may be forfeited.

## **9. Deleted**

## **10. Evaluation and Comparison of Financial Bids.**

10.1. The Committee will evaluate and compare only the Bids determined to be substantially responsive in accordance with Sub-Clause 6.2.

10.2. In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:

- (a) Making any correction for errors pursuant to Clause 7; or
- (b) Making an appropriate adjustment for any other acceptable variations. deviations; and
- (c) deleted.

10.3. The Committee reserves the right to accept or reject any variation or deviation, Variations and deviations and other factors, which are in excess of the requirements of the Bidding documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Bid evaluation.

## **11. Deleted**

## **12. Award Criteria**

12.1 Subject to Clause 12, the Committee will award the Tender to the Bidder whose Bid has been determined.

- (i) To be substantially responsive to the Bidding documents and who has offered the lowest evaluated Bid Price; and
- (ii) To be within the available bid capacity adjusted to account for his bid price which is evaluated the lowest in any of the packages opened earlier than the one under consideration.

In no case, the contract shall be awarded to any bidder whose available bid capacity is less than the evaluated bid.

## **13. Employer's right to accept any Bid and to reject any or all Bids**

13.1. Notwithstanding Clause 31, the Employer reserves the right to accept or reject any Bid, and to cancel the Bidding process and reject all Bids, at any time prior to the award of Contract, without thereby incurring any liability to the effected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer action.

13.2 Normally, the lowest responsive tender (L1) shall be accepted unless there is some valid objection like, his record of failure in execution of formal works or his rates being abnormally low and nor workable, etc

13.3 Tenders shall be accepted in accordance with the delegation of the powers under Departmental Financial Rules (DFR).

## **14. Notification of Award and Signing of Agreement**

14.1. The Bidder whose Bid has been accepted will be awarded the purchase order prior to expiration of the Bid validity period.

14.2 If the lowest tenderer (L-1) backs out, his earnest money shall be forfeited, the agency will be de-barred for giving tenders for one year and the second lowest tenderer(L-2), third lowest tenderer (L-3)

in order of sequence, may be called upon to bring his offer to the same level as the originally first lowest tenderer. In the event of their refusal to do so, tenders shall be recalled. In case of great urgency, authority competent to accept the tender may authorize call of limited or short notice tenders.

## **15. Performance Security**

15.1. The successful Bidder shall provide the Performance Security @ 2% in any of the forms bank guarantee/Demand Draft in favour of Registrar for the warranty/guarantee period of the equipment/instruments etc

15.2 The performance security will be returned/refunded after the expiration of satisfactory warranty period.

15.3 In case, the supplier/contractor fails to execute the supply order/contract on the rates, and terms and conditions as contained in the supply order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of Earnest Money/Security, besides any other action as may be deemed proper by the University.

## **16. Corrupt or Fraudulent Practices**

The Committee will reject a bid if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question and will declare the firm ineligible, either indefinitely or for a stated period of time.

## Chapter-II

### Scope of work

Online tenders are invited from reputed manufacturers/suppliers for the supply of items as per quantity given in bracket required for following Deptts. in this University.

### Lab. Equipments (Schedule-A) File No. M-47

#### TECHNICAL SPECIFICATIONS FOR LABORATORY FUMEHOOD, EXHAUST SYSTEM & LABORATORY FURNITURE FOR ORGANIC RESEARCH LAB-1 (MV-214)

S.No.	Name of item with specifications	Qty in No	Cost (INR)	Remarks
1	<b>5 FEET BENCH TOP FUMEHOOD HAVING VERTICAL SASH GLASS IN FRONT, REMOTE CONTROL GAS / UTILITY VALVES, ELECTRICAL SOCKETS, LATTICE GRID, BASE CABINET CONNECTED TO THE EXHAUST SYSTEM, WITH SPECIFICATIONS &amp; ACCESSORIES MENTIONED BELOW &amp; AS SHOWN IN DRAWING (FH-1):</b>	<b>02</b>		
	<b>Specifications</b>			
	Type:	Bench Top Fume hood with Vertical Rising Sash Glass.		
	Overall Outer Dimensions:	1524(L)X908(D) X1372(H)mm Approx.		
	Minimum Inside Clear dimension:	1321(L)X648(D)X1168(H)mm Approx.		
	Air Volume:	Constant Air Volume at 100 fpm (feet per min.) is 630 cfm (cubic feet per minute).		
	Superstructure Frame:	A free-standing rigid frame structure of steel (GI/CRCA POWDER COATED) angle shall be provided to support exterior panels and interior liner and baffle panels. To allow for maintenance and replacements, the interior liner panels shall be removable without disassembly of the frame structure and outer steel panels.		
	Interior Walls:	Double wall ends, not more than 4" wide, shall be provided to maximize interior working area. The area between the double wall ends shall be closed to house the remote control valves. The hood interior end panels and sash track shall be flush with the facia to prevent eddy currents and back flow of air.		
	Liner Material:	Interior liner panels shall be 1/4" thick fiber glass reinforced polyester sheet. Interior liner panels shall be fastened using stainless steel screws with plastic covered heads.		
	Baffles:	A stable, non-adjustable baffle with three fixed horizontal slots shall be provided to aid in distributing the flow of air into and through the hood. The baffle shall be spaced out 2-1/4" from the back liner. The baffle shall be removable for cleaning.		
	Exterior Finish:	Cold Rolled Cold Annealed Steel (CRCA) with Epoxy powder coating finish.		
	Facia:	The front vertical facia section shall have a 135 degree (approx) radius at the front leading edge to provide a streamlined section and ensure smooth even flow of air into the hood. The vertical facial shall contain the required service controls, electrical switches and receptacles.		
	Airfoil:	A streamlined airfoil shall be integral at the bottom of the hood opening on bench and distillation hoods. This foil shall provide a nominal 1" open space between the foil and the top front edge of the work surface to direct an air stream across the work surface to prevent back flow of air. The airfoil		

		shall extend back under the sash, so that the sash does not close the 1" opening.			
	Sash :	The sash shall have glass in a vertical rising steel frame. The bottom of the sash frame shall have a full length metal handle. The sash track shall be a neutral coloured polyvinyl chloride set flush with the interior liner panels to minimize turbulence. The glass panels shall be 1/4" <b>laminated safety float glass</b> mounted on metal rollers in an aluminium track and sash should be single finger operation.			
	Mechanism of Sash Movement:	The sash shall be counterbalanced with a single weight to prevent tilting and bending during operation and can be adjusted at any height during operation.			
	Work top :	Hood work surface shall be 1-1/4" thick jet black granite made in the form of a watertight pan, not less than 3/8" deep to contain spillage with a 6" wide safety ledge across the front edge. A cup drain flush with the recessed work surface shall be provided.			
	Remote Control Gas Fittings:	Utility services Nitrogen, Vacuum, Raw Water, Chilled Water In & Out shall consist of remote control valves controlled by extension rods projecting through the control panels of the hood, with colour coded plastic handles. Interior fitting for gases and water shall be with powder coated brass. All utilities valves can be controlled independently and Gas fitting -7 bar and water fitting-10 bar Make: Water Saver / Broen.			
	Electrical Fittings:	4 nos of 5/15 Amps, 230 Volt AC, and 3-wire polarized grounded with ground fault interruption. Make: Northwest / Legrand / MK.			
	Exhaust Outlet Duct Collar:	A 12" diameter polyethylene bell-mouthed duct collar shall be located at the top of the hood plenum chamber.			
	Light Fixture:	Vapour Proof, one-tube, energy-efficient, T-8 fluorescent light fixture with Light and switch provided in the hood roof. Illumination at 13" above the work surface shall be at least 100 foot-candles. Nominal fixture length is 4 ft. Make: Wipro / Philips/Havells/Anchor.			
	Lattice:	12mm dia solid Epoxy Rods.			
	Drip cup:	Molded Epoxy Resin / Polyethylene cup drains shall be molded in one-piece of acid-resistant polyethylene. They shall have an integral mounting flange and an integral tailpiece with a 1-1/2" I.P.S. male straight thread outlet. Size: 76x152x102mm (APPROX)			
	Base Cabinet for First 5 Feet HOOD <b>SOLVENT STORAGE</b>	Base units under hoods shall be fabricated of 18 gauge steel, double panel with 1 1/2 inch air space, self closing doors with fusible link hold feature and door synchronizer. Three point latching system, 2 inch high liquid tight steel drip pan to contain leaks and spills. Two diametrically opposed 1 1/2 inch dia threaded vents with spark screens in the back for cases when ventilation required. Performance of the painted surfaces shall match that of the fume hood outer panels. Internal chemical resistance material lining to the cabinet walls. Latching system make: Hafele /Motts or xgen/ Esco Frontier Acela/ Kewaunee			For First 5 Feet HOOD
	Base Cabinet for Second 5 Feet Hood <b>Normal</b>	Base units under hoods shall be fabricated of cold rolled prime grade roller levelled furniture steel. Gauges of steel used in construction shall be 18 gauges, door assemblies and adjustable shelves			For Second 5 Feet HOOD



		shall be 20 gauge. Performance of the painted surfaces shall match that of the fume hood outer panels. Internal chemical resistance material lining to the cabinet walls with exhaust port connected to fume hood exhaust system internally. Latching system make: Hafele/ Motts or xgen/ Esco Frontier Acela/ Kewaunee			
	Amenities	5 FT BENCHTOP FUMEHOOD, Vertical SASH, RESTRICTED BYPASS.	2		
		FUME HOOD CEILING ENCLOSURE 5FT WITH ACCESS	2		
		PP/FRP CUPSINK 3x6x4 (APPROX)	2		
		FUMEHOOD MICROPROCESSOR BASED AIRFLOW MONITOR AND ALARM -VERTICAL - C/W SM6 SENSOR, SUITABLE POWER ADAPTOR	2		
		ELECTRICAL SYSTEM 5/15A SOCKETS 2+2 NOS	2		
		FRONT CONTROL VALVE FOR NITROGEN	2		
		FRONT CONTROL VALVE FOR VACUUM	2		
		FRONT CONTROL VALVE FOR CHILLED WATER IN	2		
		FRONT CONTROL VALVE FOR CHILLED WATER OUT	2		
		FRONT CONTROL VALVE FOR RAW WATER	2		
		INTERNAL PIPING FOR 5 NOS SERVICE	As required		
		BASE UNIT 2 DOOR	As required		
		LATTICE ASSMBLIES	2		
		AIR FLOW & STATIC PRESSURE ALARM	2		
		GRANITE	AS REQUIRED		

S.No.	Name of item with Specifications	Qty in No	Cost (INR)	Remarks
2.	<b>6 FEET BENCH TOP FUMEHOOD HAVING VERTICAL SASH GLASS IN FRONT, REMOTE CONTROL GAS / UTILITY VALVES, ELECTRICAL SOCKETS, LATTICE GRID, BASE CABINET CONNECTED TO THE EXHAUST SYSTEM, WITH SPECIFICATIONS &amp; ACCESSORIES MENTIONED BELOW &amp; AS SHOWN IN DRAWING (FH-2):</b>	02		
	<b>SPECIFICATIONS:-</b>			
	Type:	Bench Top Fume hood with Vertical Rising Sash Glass.		
	Overall Outer Dimensions:	1829(L) X908(D) X1372(H) mm Approx.		
	Minimum Inside Clear dimension:	1626(L) X648(D) X1168(H)mm Approx.		
	Air Volume:	Constant Air Volume at 100 fpm (feet per min.) is 780 cfm (cubic feet per minute).		
	Superstructure Frame:	A free-standing rigid frame structure of steel (GI/CRCA POWDER COATED) angle shall be provided to support exterior panels and interior liner and baffle panels. To allow for maintenance and replacements, the interior liner panels shall be removable without disassembly of the frame structure and outer steel panels.		
	Interior Walls:	Double wall ends, not more than 4" wide, shall be provided to maximize interior working area. The area between the double wall ends shall be closed to house the remote control valves. The hood interior end panels and sash track shall be flush with the fascia to prevent eddy currents and back flow of air.		
	Liner Material:	Interior liner panels shall be 1/4" thick fiber glass reinforced polyester sheet. Interior liner panels shall be fastened using stainless steel screws with plastic covered heads.		
	Baffles:	A stable, non-adjustable baffle with three fixed horizontal slots shall be provided to aid in distributing the flow of air into and through the hood. The baffle shall be spaced out 2-1/4" from		

		the back liner. The baffle shall be removable for cleaning.			
	Exterior Finish:	Cold Rolled Cold Annealed Steel (CRCA) with Epoxy powder coating finish.			
	Facia:	The front vertical facia section shall have a 135 degree (approx) radius at the front leading edge to provide a streamlined section and ensure smooth even flow of air into the hood. The vertical facial shall contain the required service controls, electrical switches and receptacles.			
	Airfoil:	A streamlined airfoil shall be integral at the bottom of the hood opening on bench and distillation hoods. This foil shall provide a nominal 1" open space between the foil and the top front edge of the work surface to direct an air stream across the work surface to prevent back flow of air. The airfoil shall extend back under the sash, so that the sash does not close the 1" opening.			
	Sash :	The sash shall have glass in a vertical rising steel frame. The bottom of the sash frame shall have a full length metal handle. The sash track shall be a neutral coloured polyvinyl chloride set flush with the interior liner panels to minimize turbulence. The glass panels shall be 1/4" <b>laminated safety float glass</b> mounted on metal rollers in an aluminium track and sash should be single finger operation.			
	Mechanism of Sash Movement:	The sash shall be counterbalanced with a single weight to prevent tilting and bending during operation and can be adjusted at any height during operation.			
	Work top :	Hood work surface shall be 1-1/4" thick jet black granite made in the form of a watertight pan, not less than 3/8" deep to contain spillage with a 6" wide safety ledge across the front edge. A cup drain flush with the recessed work surface shall be provided.			
	Remote Control Gas Fittings:	Utility services Nitrogen, Vacuum, Raw Water, Chilled Water In & Out shall consist of remote control valves controlled by extension rods projecting through the control panels of the hood, with colour coded plastic handles. Interior fitting for gases and water shall be with powder coated brass. All utilities valves can be controlled independently and Gas fitting -7 bar and water fitting-10 bar Make: Water Saver / Broen.			
	Electrical Fittings:	4 nos of 5/15 Amps, 230 Volt AC, and 3-wire polarized grounded with ground fault interruption. Make: Northwest / Legrand / MK.			
	Exhaust Outlet Duct Collar:	A 12" diameter polyethylene bell-mouthed duct collar shall be located at the top of the hood plenum chamber.			
	Light Fixture:	Vapour Proof, one-tube, energy-efficient, T-8 fluorescent light fixture with Light and switch provided in the hood roof. Illumination at 13" above the work surface shall be at least 100 foot-candles. Nominal fixture length is 4 ft. Make: Wipro / Philips/Havells/Anchor.			
	Lattice:	12mm dia solid Epoxy Rods.			
	Drip cup:	Molded Epoxy Resin / Polyethylene cup drains shall be molded in one-piece of acid-resistant polyethylene. They shall have an integral mounting flange and an integral tailpiece with a 1-1/2" I.P.S. male straight thread outlet. Size: 76x152x102mm (approx)			
	Base Cabinet	Without a bottom to allow vacuum pumps and			For 1 <sup>st</sup> 6 Feet

	for 1 <sup>st</sup> 6 Feet Hood <b>VACUUM PUMP STORAGE :</b>	other equipment to be rolled in or out of the cabinets. The interior lining with 1" thick neoprene foam for sound deadening and easy cleaning. Each cabinet should be furnished with a 120 VAC, 20 amp, duplex receptacle mounted on the inside cabinet back and a pilot lighted toggle switch mounted in the top front rail. (Wiring is included.) Cabinets are also furnished with 1 1/2" diameter PVC vent pipe for venting or access to the hood above. (With a 2" diameter hole in the hood work surface.) The toe space rail is attached to the door to allow total access to the cabinet. Cabinet inside clearance at the floor should be approx 16 1/2" front-to-back, 27" high, and 3" less than the overall cabinet length. Latching system make: Hafele/Motts or xgen/ Esco Frontier Acela/ Kewaunee			Hood
	Base Cabinet for 2 <sup>nd</sup> 6 Feet Hood <b>Normal :</b>	Base units under hoods shall be fabricated of cold rolled prime grade roller levelled furniture steel. Gauges of steel used in construction shall be 18 gauges, door assemblies and adjustable shelves shall be 20 gauge. Performance of the painted surfaces shall match that of the fume hood outer panels. Internal chemical resistance material lining to the cabinet walls with exhaust port connected to fume hood exhaust system internally. Latching system make: Hafele/ Motts or xgen/ Esco Frontier Acela/ Kewaunee			For 2 <sup>nd</sup> 6 Feet Hood
	Amenities :	6 FT BENCHTOP FUMEHOOD, VERTICAL SASH.	2		
		FUME HOOD CEILING ENCLOSURE 6FT WITH ACCESS	2		
		PP/FRP CUPSINK	2		
		FUMEHOOD MICROPROCESSOR BASED AIRFLOW MONITOR AND ALARM -VERTICAL - C/W SM6 SENSOR, SUITABLE POWER ADAPTOR (AIR FLOW & STATIC PRESSURE ALARM)	2		
		FUMEHOOD ELECTRICAL SYSTEM 5/15A SOCKETS 2+2 NOS	2		
		FRONT CONTROL VALVE FOR NITROGEN	2		
		FRONT CONTROL VALVE FOR VACUUM	2		
		FRONT CONTROL VALVE FOR CHILLED WATER IN	2		
		FRONT CONTROL VALVE FOR CHILLED WATER OUT	2		
		FRONT CONTROL VALVE FOR RAW WATER	2		
		INTERNAL PIPING FOR 5 NOS SERVICE	AS REQUIRED		
		BASE UNITS WITH ACCESSORIES	As required		
		FUMEHOOD GRANITE WORKTOP	AS REQUIRED		
		LATTICE ASSMBLY	2		

**NOTE:** Where ever standards are applicable the bidder should mention and will submit the certificate from a 3<sup>rd</sup> party inspection agency of the relevant standard/code to be used in fabrication of fume hoods (Related standards: ASHRAE 110-1995 or BS EN14175-2003 standards).

S.No.	Name of item with Specifications	Qty in No	Cost (INR)	Remarks
3.	<b>EXHAUST SYSTEM ABUTTED WITH FUME HOODS VIA SINGLE EXIT: SUPPLY &amp; COMMISSIONING OF EXHAUST SYSTEM CONNECTED TO THE FUMEHOODS AND SAFETY CABINET WITH ACCESSORIES HAVING FOLLOWING ITEMS</b>	01		To be installed with outlet at roof top of 4 story building while lab is located at 1 <sup>st</sup> Floor
	Medium Pressure Centrifugal Blowers:			Blowers shall be of 'Centrifugal Corrosion Resistant' type and shall be capable of delivering the design flow rate against designed pressure drop. The fans shall be robust in construction and suitable for continuous duty operation. It shall be mounted with ease of maintenance and shall be installed with proper vibration isolators to

		minimize vibration transmission to ductwork and support structure. Aerodynamic performance of the fan shall be tested and comply 'ISO 5801' standards. Sound level shall be tested and comply with 'ISO 5136.2' standards. Make: Colasit / Europlast.			
	Blower Casing:	The casing shall be of self-supporting design. The material of construction shall be fire retardant polypropylene (PPs) for fire safety and suitable for use against corrosive 'medium' and a maximum allowable operating temperature of 70°C. No metal parts shall be exposed and in contact with the airstream.			
	Impeller:	Impeller material of construction shall be fire retardant polypropylene (PPs) for fan size up to 400 mm - 450 mm suitable for use against corrosive 'medium' and a maximum allowable operating temperature of 70°C.			
	Motor:	Motors built to IEC standards foot mounted (B5) or Flange mounted (B3). Power transmission from motor to impeller by means of an impeller directly fixing on the motor shaft in direct driven application. Make: ABB / CG / Kirloskar.			
	Ducting:	PP/FRP Ducting shall be with One side smooth & glassy finish and other end is mat finish. FRP Lining to be done on the outer surface of PP/PPGL. The flange thickness should be 1.5 times of the duct thickness. 5 mm Thick rubber gasket is used between the flanges. Make: Mandhani / Dugar / Khanna.			
		Medium Pressure Direct Driven PP Centrifugal Blowers including suitable clamp adapter, Electro galvanized stand and fasteners like bolts, nuts and washers , base frame, vibration isolators	1No.		
		Motor Flange mounted 3phase 50Hz, 415Volts IP-55 Protection Class F. For outdoor application. Terminal box should be on top side.	1No.		
	Amenities	Weather cowl.	1No.		
		Stack support	1No.		
		Motor Guard with accessories	1Set		
		Variable Frequency Drive for PP Exhaust blower	1No.		
		PP/FRP ducting using 3mm thick PPGL sheets with 2mm thick FRP lining using polyester resin including flanges & bends.	As Required		
		PP/FRP 12" dia. single leaf damper, single side flanges,manually operated for Fumehoods	4Nos.		
		PP/FRP 16" dia. single leaf damper, manually operated for <b>Bypass</b>	1Nos.		
		PP "2" dia. VCD for Safety storage cabinet	1Nos		
		PVC coated collapsible hose with steel helix with Clips for Fumehoods	As Required		
		Fume Hood base cabinet ducting with accessories	As Required		
<p><b>Note:</b> Vendor must submit a certificate that all the levels of noise or air pollution are within the prescribed limits as per state/Govt of India norms. All exhaust system and necessary associated accessories like power centrifugal blower, ducting pipe will be installed at space provided by the concerned authority at roof.</p>					

S.No	Name of item with Specifications	Qty in No	Cost (INR)	Remarks
4.	<b>CENTRAL WORKING BENCH OF SIZE: 4293(L) x 1524(D) x 928mm(H) approx WITH 20mm THICK. GRANITE TOP, UNDER BENCH STORAGE CABINETS, LEG / KNEE SPACE, TWO TIER REAGENT RACKS WITH GRANITE SHELVES, ELECTRICAL SOCKETS, END SINK WITH RIPLE WAY WATER FAUCET, PEG BOARD(REFER DRAWING) AND WITH ACCESSORIES HAVING FOLLOWING ITEMS (Central Working Bench IB-1)</b>	<b>02</b>		
	Base Cabinet & Wall Units :			All cabinet bodies shall be flush front construction with intersection of vertical and horizontal case members. Cabinets shall be constructed using 18 gauge cold rolled prime grade roller levelled furniture steel. Drawer assemblies, door assemblies, bottom, bottom back rail, toe space rail, and adjustable shelves shall be of 20 gauges.
	Handle & Hinges:			Pull shall be of modern design, offering a comfortable handgrip, and be securely fastened to doors and drawers with screws. Hinges shall be made of Type 304 stainless steel .089 thick, 2-1/2" high, with brushed satin finish, and shall be the institutional type with a five knuckle bullet type barrel.
	Work top :			The tabletops shall be of 18/19mm Jet black Granite of an even surface and the level tolerance less than 1 mm. The front edge of the granite shall be chamfered at an angle of 28 deg and smoothed.
	Electrical Fittings:			All electrical Fittings are mounted on Triangular Metal Box with 5/15A Socket with Switch. Also Data Sockets are mounted on Metal Data Boxes. <b>Make: Northwest / Legrand / MK.</b>
	Reagent Rack :			The Reagent Rack shall have 10" wide & 24" ht Vertical uprights made of 1.2mm thick CRCA provided with granite supports shall be designed to fix to the worktop. 12" wide shelves made up of 20mm thick granite with edge lip are placed over the granite supports.
	Sink :			The sinks should be injection molded from Poly propylene co-polymer resin. The size of the sink is 560Lx355Dx245Hmm and Bowl size is 500Lx293Dx245Hmm. This sinks shall have bottle trap with reducing coupler of size 51x31mm and with 38mm polypropylene pipe of desired length.
	Water Faucets:			Water faucets and valves shall be fully assembled and individually tested at 80 pounds per square inch (PSI) water pressure. Goosenecks shall have separate outlet coupling with a 3/8" IPS female thread securely brazed to the gooseneck for attachment of serrated hose ends, aspirators and other outlet fittings. Rigid goosenecks shall have a 3/8" IPS male inlet thread and be threaded directly into the faucet body so as to be absolutely rigid. Swing goosenecks shall utilize a TFE packing with an externally adjustable packing nut. All fixtures for water service shall meet the requirements of ANSI/ASME A112.18.1M-1989 and be certified by the third party. All Sinks on WB-1 & WB-2 must have at least one three neck tap <b>Make: Water Saver / Broen.</b>
	Peg board:			Epoxy Resin / Polyethylene / Acrylic Peg board with 33 PEGS with SS Tray with hole and with Detachable Pegs.
	Amenities			5/15A SOCKET w/ SWITCH
				AS REQUIRE
				D
				APRON RAIL - 04Hx02Dx30L
				KNEE SPACE PANEL - 30Hx00Dx30L
				INTERMEDIATE FILLER - 36Hx00Dx07L
				REAR SCRIBE - 36Hx00Dx14L

	BENCH MOUNTED TRIPLE-WAY WATER FITTING WITH RIGID/SWING GOOSENECK FOR RAW WATER			
	BASE UNITS DOOR DRAWER WITH LOCK			
	BASE MOLDINGS			
	CORNER CLIP.			
	REAGENT GRANITE SUPPORT			
	ACRYLIC PEG BOARD			
	PP Sink, 548 X 398 X 235H, mm			
	Waste, 1 1/2" BSP X 76mm			
	ANTI SIPHON BOTTLE TRAP			
	REDUCING COUPLER IN PP 51 X 31MM + PP PIPE LENGTHS - ONE FEET LENGTH - DIA. 38MM			
	SERVICE ENCLOSURE CENTRE BENCH 12x6x112			
	REAGENT RACK UPRIGHT, X= 10" DEPTH, 24" HEIGHT			
	GRANITE			

S.No	Name of item with Specifications	Qty in No	Cost (INR)	Remarks
5.	<b>WALL BENCH OF SIZE: 4623(L) x 762(D) x 928mm (H) (approx) WITH 20mm THICK. GRANITE TOP, UNDER BENCH STORAGE CABINETS, SINK ON ONE SIDE WITH TRIPLE WAY WATER FAUCET, ELECTRICAL SOCKETS (REFER DRAWING) AND WITH ACCESSORIES HAVING FOLLOWING ITEMS (WB-1) &amp; : WALL BENCH OF SIZE: 2337(L) x 610(D) x 928mm(H) WITH 20mm THICK. GRANITE TOP, UNDER BENCH STORAGE CABINETS, ELECTRICAL SOCKETS (REFER DRAWING) AND WITH ACCESSORIES HAVING FOLLOWING ITEMS (WB-2):</b>	02		
	Base Cabinet			
	Handle & Hinges:			
	Work top			
	Electrical Fittings:			
	Sink Details:			On WB-1
	Water Faucets:			

		water service shall meet the requirements of ANSI/ASME A112.18.1M-1989 and be certified by the third party. Sink on WB-1 must have at least one three neck tap <b>Make: Water Saver / Broen.</b>			
	Peg board:	Epoxy Resin / Polyethylene / Acrylic Peg board with 33 PEGS with SS Tray with hole and with Detachable Pegs.			
	Amenities	<b>FOR WB-1</b>			
		5/15A SOCKET w/ SWITCH	As required		Please refer drawings
		REAR SCRIBE - 36Hx00Dx07L (approx)			
		BENCH MOUNTED TRIPLE-WAY WATER FITTING WITH RIGID/SWING GOOSENECK FOR RAW WATER			
		BASE UNIT DOOR DRAWER - WITH LOCK			
		SINGLE SIDE SOCKET BOX 12x4x4 (approx)			
		BASE UNIT SINK 2 DOOR - 36Hx22Dx36L (approx)			
		PP BIG SINK, SIZE: 711Lx468Dx245Hmm (approx)AND BOWL SIZE: 651Lx406Dx245Hmm (approx)			
		WASTE, 1 1/2" BSP X 76mm.			
		ANTI SIPHON BOTTLE TRAP.			
		REDUCING COUPLER IN PP 51 X 31MM + PP PIPE LENGTHS			
		GRANITE WORKTOP			
		<b>FOR WB-2:</b>			
		5/15A SOCKET w/ SWITCH	4		
		BASE UNIT DOOR DRAWER -WITH LOCK	3		
		SINGLE SIDE SOCKET BOX 12x4x4	2		
		GRANITE WORKTOP 24x46	As Required		

S.No	Name of item with specifications	Qty No	in	Cost (INR)	Remarks
6.	<b>WORK STATION BENCH OF SIZE: 6655(L) x 762(D) x 782mm (H) WITH 20mm THICK. GRANITE TOP, UNDER BENCH STORAGE CABINETS, LEG / KNEE SPACE, KEYBOARD TRAYS, ELECTRICAL SOCKETS, DATA SOCKETS (REFER DRAWING) AND WITH ACCESSORIES HAVING FOLLOWING ITEMS (WB-3) &amp; WALL HANGING UNITS</b>	06			
	Base Cabinet & Wall Units :				All cabinet bodies shall be flush front construction with intersection of vertical and horizontal case members. Cabinets shall be constructed using 18 gauge cold rolled prime grade roller levelled furniture steel. Drawer assemblies, door assemblies, bottom, bottom back rail, toe space rail, and adjustable shelves shall be of 20 gauges.
	Handle & Hinges:				Pull shall be of modern design, offering a comfortable handgrip, and be securely fastened to doors and drawers with screws. Hinges shall be made of Type 304 stainless steel .089 thick, 2-1/2" high, with brushed satin finish, and shall be the institutional type with a five-knuckle bullet type barrel.
	Work top :				The tabletops shall be of 18/19mm Jet black Granite of an even surface and the level tolerance less than 1 mm. The front edge of the granite shall be chamfered at an angle of 28 deg and smoothed. The back splash for the wall bench shall be granite 18/19mm thick material for a height of 4" from the finished table top level.
	Electrical Fittings:				All electrical Fittings are mounted on Triangular Metal Box with 5/15A Socket with Switch. Also Data Sockets are mounted on Metal Data Boxes. <b>Make: Northwest / Legrand / MK.</b>
		5/15 A SOCKET w/ SWITCH	12		
		APRON RAIL – 04Hx02Dx30L	6		

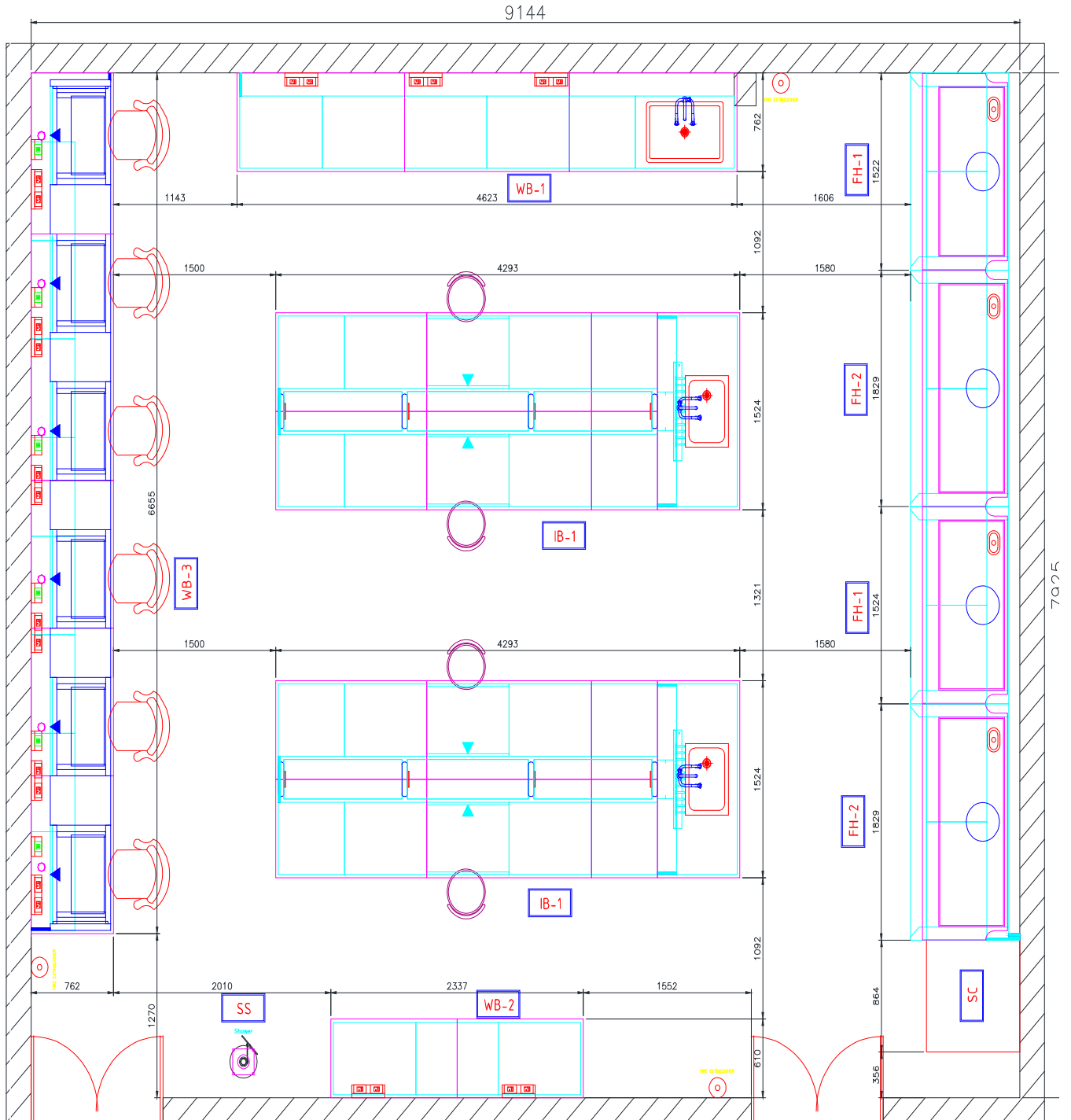
		KNEE SPACE PANEL – 24Hx00Dx30L	6		
		PEDESTAL ASSY	As Required		
		WORKTOP SUPPORT FRAME – 01Hx22Dx30L	6		
		END SCRIBE – 30Hx00Dx02L	1		
		REAR SCRIBE – 30Hx00Dx07L	1		
		CABLE MANAGER DIA 2.5	6		
		SINGLE SIDE DATA SOCKET BOX 6x4x4	6		
		BASE UNITS DOOR DRAWER – WITH LOCK	5		
		SINGLE SIDE SOCKET BOX 12x4x4	6		
		KEY BOARD TRAY 24x12	6		
		DATA SOCKET	6		
		GRANITE WORKTOP	As Required		
		<b>MOUNTED WALL PANEL/CABINET – 30Hx16Dx30L, WITH LOCK AS SHOWN IN DRAWING WB-3 over work stations</b> Cabinets shall be constructed using 18 gauge cold rolled prime grade roller levelled furniture steel.	8		Please refer drawing

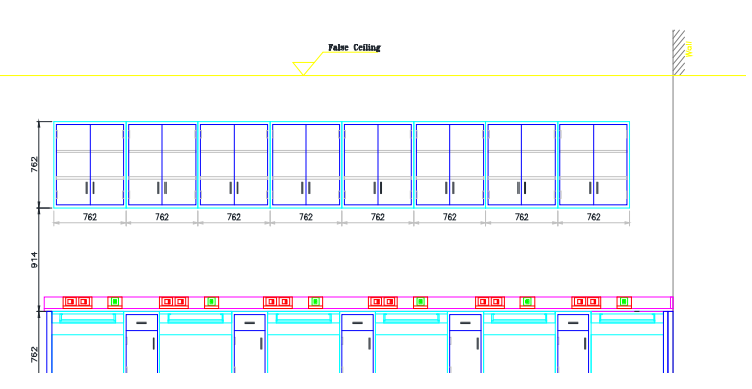
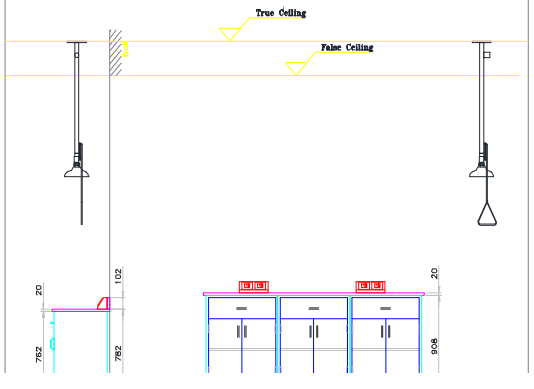
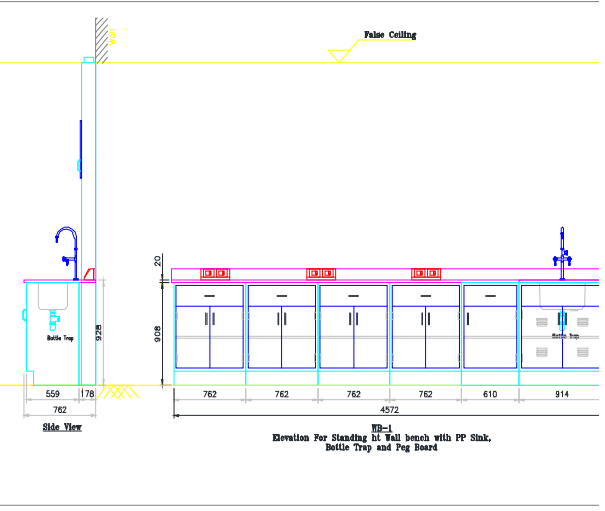
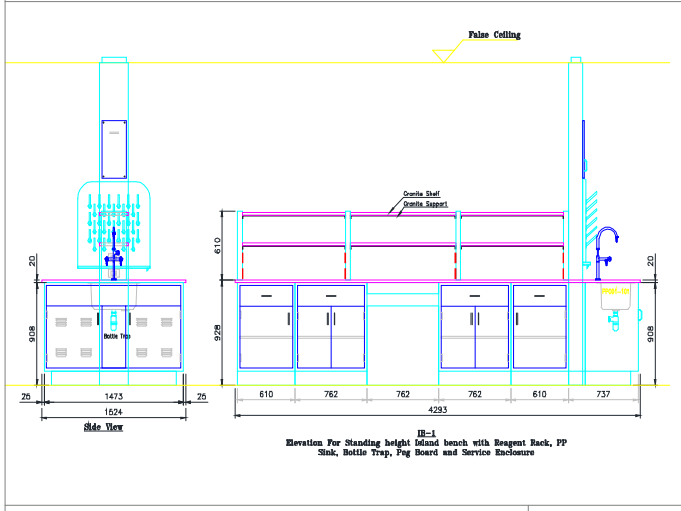
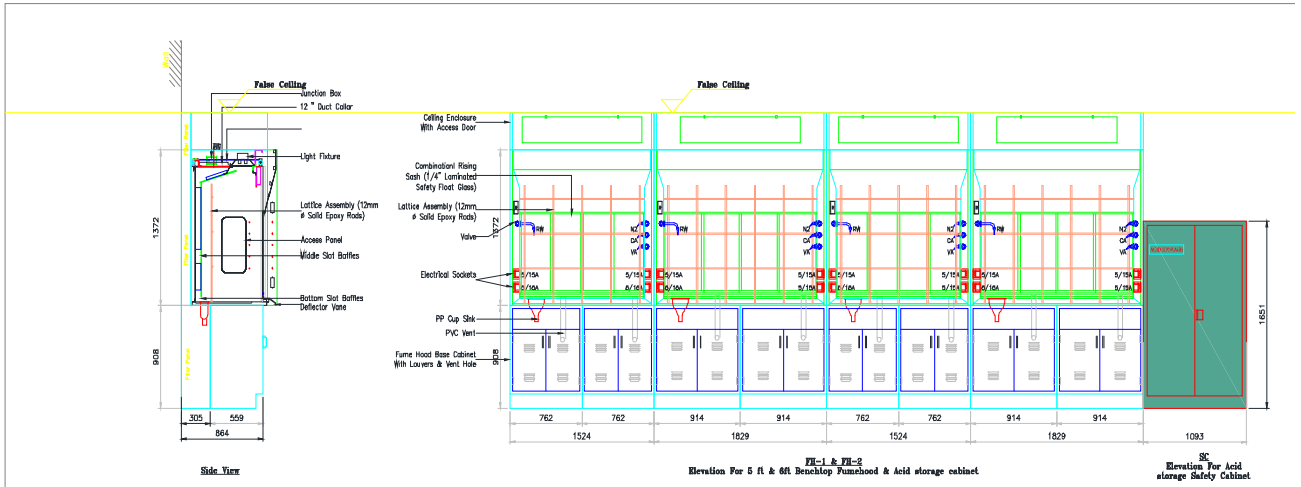
S.No	Name of item with specifications		Qty No	in	Cost (INR)	Remarks
7.	<b>SAFETY CABINET FOR ACID STORAGE OF SIZE: 864(L) x 864(D) x 1651 mm (H) HAVING 45 GALLON STORAGE CAPACITY AND CONNECTED TO THE FUME HOOD EXHAUST DUCTING (SC).</b>		<b>01</b>			
	Safety Cabinet:	Safety Cabinet in accordance with NFPA 30 Chapter 9.5.3 and OSHA 29 CFR 1910.106 regulations. Safety Cabinets of 12 gallons and greater are FM Global tested and approved. Cabinet to have 2” deep liquid tight containment sump covering the entire floor. 18-gauge double walled steel construction, along with 1-1/2” air spaces between the walls, store flammable liquids and waste securely and safely. Separate cabinet for Nitric acid. Third party certificate for above standards <b>Make: Justrite / Kewaunee / Motts.</b>				
		ACID 45 GAL (FM)	1 Nos			
8.	<b>SAFETY ACCESSORIES &amp; FIXTURES</b>					
		<b>SS: CEILING MOUNTED SAFETY SHOWER WITH PULL HANDLE FOR ACTIVATION</b>	<b>01</b>			
	Amenities	CEILING BRACKET FOR EMERGENCY SHOWER 4x4x38	1 Nos			
		CEILING MOUNTED SAFETY SHOWER	1 Nos			
	Other Amenities	EYE SHOWER	2 No			
		FIRE EXTINGUISHERS (ABC)	4 NO			
		TOTAL				
	<b>Important Notes:</b> 1. Read all dimensions as approximate & from wall to wall. 2. Where ever standards are applicable the bidder should mention and will submit the certificate from a 3 <sup>rd</sup> party certified inspection agency of the relevant standard/code to be used for above mentioned laboratory furniture. 3. All civil, electrical and any associated installation to make this laboratory furniture (fume hoods, showers, table bench points etc.) fully functional will be exclusively done by the bidder firm in consultation with Engineering Department of the university. University will provide only space and electricity for the same. This cost must be added by the bidder firm. Site may be visited for actual dimensions. 4. Pipes used for Drainage must be acid and alkali resistance. 5. The lab furniture should have SEFA 10 standards and bidder must provide certificate for the same. 6. Supplier must offer the cost of complete package of the lab					



	<p>furniture/equipments. <b>If a supplier gives separate cost of the listed items that will not be considered and shall be summarily rejected.</b></p> <ol style="list-style-type: none"> <li>7. Price including Commissioning and Installation Charges at our Department (FOR DCRUST)</li> <li>8. Discount for Education Institute</li> <li>9. All taxes should be mentioned clearly</li> <li>10. Warranty of all applicable items should be mentioned.</li> <li>11. Terms &amp; Conditions : As per mentioned or as per University Rules</li> </ol>	
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Drawings: If not Clear please refer PDF file on university website.





The detailed specifications & Tender Document can be downloaded from the University website [www.dcrustm.org](http://www.dcrustm.org). Earnest Money@ 2% of the basic price will have to be submitted along with tender document fee and e-service fee. The tenders complete in all respect must submit online on or before **20.02.2020 by 05:00 P.M.** The Tender receipt after due date, without Earnest Money, e-tendering process fee will not be accepted. The tenders will be opened on 25.02.2020. at 11:00 AM in the Committee Room in Admin. Block. The tenderer/their representative may remain present at the time of opening of tenders at their own cost.

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## **Chapter-III**

### **Eligibility Criteria**

#### **Technical Bid**

The bidding is open to all qualified bidders who fully meet the following qualifying requirements as stated:

1. Online payment of tender document fee + e-Service and EMD.
2. Bidder should attach certified copy of the registration of the firm
3. Bidder will submit copy of PAN, GST Registration Number, as applicable.
4. Bidder will submit copy of return for last month/quarter as the case may be submitted towards GST if applicable.
5. Bidder should have a minimum turnover of Rs. 50 lacs (Rupees Fifty Lacs) in any of last three financial years 2016-17, 2017-18 and 2018-19 and attach proof.
6. Bidder will submit copies of Income Tax Returns for the last three years filled by Agency.
7. Bidder will submit an undertaking that the firm has not been debarred/ blacklisted for any reason/ period by DGS&D, DS&D (Haryana) or any other Central/ State Govt. Dept./ University/ PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the supply order, but may also warrant legal action.
8. The bidder must have a proven track record of supplying Equipments/Trainer Kits/chemical/glassware/furniture etc to various institution of repute. The supplier should attach the certified copy of last 03 years supply order for the supply of the same.
9. Bidder should certify that the item has not been supplied at the rate lower than the quoted in any other government organization. In case the certificate is found incorrect at a later stages, recovery of difference will be payable by the L-1.
10. Undertaking to the effect that a security deposit of 2% of order value will be submitted in case University decides to place the purchase order.
11. Bidder will submit the authorization certificate for distribution of equipments/chemical/Glassware/Plasticware/furniture items etc.
12. Other document necessary in support of eligibility criteria, product catalogue, Technical specification prescribed and Technical specification offered, brochure etc as per.

#### **Opening and Evaluation Offers**

##### **Part-I:**

- i. On line Technical part of bid will be opened on dated **25.02.2020 at 11:00 AM in the office Committee Room, Adjacent to office of the Controller of Finance, DCRUST, Murthal (Haryana)** in the presence of tenderers or their authorised representative who wish to attend the meeting.
- ii. University, if required, may at its discretion obtain clarifications on offer by requesting such clarifications from any or all the tenderers. Such requests for clarification and the response shall be in writing.

##### **Part-II:**

- Price part of only those tenderers, whose offers are found technically and commercially acceptable after evaluation as per **technical bid** of the Techno-Commercial part will be opened.
- I. University, if required, may at its discretion extend the schedule date of opening of the tender.
  - II. The technical evaluation committee may take any decision deemed to be fit about the specifications, make/brand of item (s) at the time of evaluation of the bids.
  - III. Price shall remain firm and fixed. Price variation clause is not acceptable.
  - IV. Any conditional discount on the price offered will not be entertained/ considered.
  - V. Bidders are advised to clearly mention applicable VAT/GST on the quoted items in the price part of the bid.

## Chapter-IV

### General Terms & conditions:

1. Online tenders, complete in all respects, must be submitted online on or before **20.02.2020 at 05:00 P.M. The tenders shall be opened on 25.02.2020 at 11:00 AM.** The tenderer or their authorized representatives are allowed to attend the meeting of the Tender/Quotation Opening Committee at their own costs.
2. The following charges and terms may be spelt out in your offer clearly:
  - i. F.O.R
  - ii. Rates of VAT/Excise Duty (in percent), if any. Please note that the University does not issue Form 'C' or 'D'
  - iii. Payment terms.
  - iv. Delivery Period.
  - v. Guarantee/Warranty Period.
  - vi. After-sales service.
  - vii. Installation charges, if any.
  - viii. Validity period of the quotation.
  - ix. Bank Draft charges, if any.
  - x. Misc. charges such as Packing & Forwarding charges, Insurance charges, etc. if any.
3. The packing, forwarding, freight, insurance charges etc. may be quantified in terms of amount. These charges will not be payable against such vague statement as "packing, forwarding, freight and insurance charges etc. extra".
4. Charges not mentioned in the quotation/tender shall not be paid.
5. FOR shall be Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonapat (Haryana) or Offices situated at Outstations as the case may be. The rates quoted Ex-Godown can be rejected.
6. The offer must be valid for a period of atleast three months from the date of opening of quotation/tender.
7. Quantity may increase or decrease without any notice.
8. If the Supplier or their Principals are on rate contract with DGS&D or DS&D (Haryana), this may be mentioned specifically in the offer and a photocopy of the same, duly attested, may be appended.
9. The university is situated within the Municipal Limits. As such, Octroi, if any, shall be payable. In case, the material is supplied through a Transport Company by road, the Transport Company's charges, labour charges and octroi charges shall be borne by the supplier. It may be mentioned specifically as to whether the material will be sent by rail or by road through a Transport Company.
10. The goods shall be supplied by the Supplier within the time limit specified in the supply order. The delivery period can be extended by the Deputy Registrar (Purchase & Store) with the approval of Competent Authority; only in exceptional cases on written request of the Supplier giving reasons/explaining circumstances due to which delivery period could not be adhered to. **In case, the material is not supplied within the delivery period, the supplier shall be liable to pay the University the compensation amount equivalent to 1% (one percent) of the cost of material each day or such other amount as the CPC/Deputy Registrar (Purchase & Store) may decide till the supply remains incomplete, provided that the total amount of compensation shall not exceed 10% (ten percent) of the total amount of the cost of material supplied.** Appeal against these orders shall, however, lie with the Vice Chancellor, Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonapat (Haryana) whose decision shall be final.
11. In case, the supplier/contractor fails to execute the supply order/contract on the rates, and terms and conditions as contained in the supply order within the stipulated period, they shall be liable to such action as blacklisting, debarring from having any business with this University, forfeiture of Earnest Money/Security, besides any other action as may be deemed proper by the University.
12. As a general policy, the University tries **to make 100% payment within 30 days** of the receipt of material subject to proper installation, wherever applicable, and satisfaction of the Inspection Committee. No advance payment or payment against documents negotiated through Bank shall be made.
13. The acceptance of the material shall be subject to satisfactory report of this Office's Inspection Committee/Technical Committee/Experts Committee.

14. The samples of the material, if necessary and possible, shall be supplied with the quotation. The unapproved samples shall be collected on receipt of information failing which the same shall be despatched by Goods Carrier on your risk with the condition of “**Freight To Pay**”. Samples costing less than Rs.100-00 shall not be returned to the **quotees**. However, if the **quotees** wish to take the same back, it can be collected at their own cost within a period of one month, failing which the samples will be disposed off.
15. The acceptance of the quotation/tender shall rest with the undersigned who does not bind himself to accept the lowest quotation and reserves the right to reject any or all items of quotation/tender without assigning any reason, therefore. The undersigned also reserves the right to accept quotation/tender in part i.e. any item or any quantity and to reject it for the rest.
16. The University is registered with the Department of Scientific & Industrial Research, Ministry of Science & Technology, New Delhi in terms of Govt. Notification No. 10/97- Central Excise dated 1 March, 1997 and Notification No. 51/96- Customs dated 23-07-1996 vide Registration No. **TU/V/RG-CDE(1042)/2017** dated **15.03.2018** upto **31-08-2022**. Thus the University is exempted from payment of Custom Duty and Excise Duty. The consignee shall issue necessary certificates duly countersigned by the Registrar, Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonapat (Haryana) to avail of exemption.
17. It may be certified that you have not been debarred/blacklisted for any reason/period by DGS&D, DS&D (Haryana) or any other Central/State Govt. Department/University/PSU etc. if so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the supply order, but may also warrant legal action.
18. The University has reserve a right to cancel or postpone the tender without any reason.
19. In case, any other information/clarification is required, the tenderer can be contacted to the undersigned at Telephone Nos. **0130-2484005 and 0130-2484022** on any working day (Monday to Friday) during office hour (09:00 AM to 05.00 PM).
20. The disputes, if any, shall be subject to jurisdiction of Sonapat Court. Any other jurisdiction mentioned in your quotation or invoice shall be invalid and shall have no legal sanctity.
21. The committee may proceed for negotiation at any stage.

Terms and conditions printed on Quotation/Invoice of the firm, if any; shall not be binding on the University, except those mentioned specifically on the supply order, and your acceptance of the order shall be construed as your agreement to all the terms and conditions contained in the order.

**Note: Successful Tenderers have to submit 2% performance security of the items/supply order, which will be refundable after satisfactory performance during the guaranty/warranty period.**

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