



KUMAUN UNIVERSITY, NAINITAL

DEPARTMENT OF PHARMACEUTICAL SCIENCES, BHIMTAL

Tender Document (Manual) For Vivid Scientific Instruments, CADD Software, Chemicals, Glassware & Crude drugs

**Tel. No.: (05942) 247030
E.mail : cifkudops@gmail.com
Website: www.kunainital.ac.in**

**Tele-Fax: (05942) 248307
www.kudops.org**

A handwritten signature in blue ink, appearing to be 'J. P. Singh', written over a horizontal line.



KUMAUN UNIVERSITY, NAINITAL
DEPARTMENT OF PHARMACEUTICAL SCIENCES, BHIMTAL

TENDER DOCUMENT

Pharmacy/Lab.Purchase/2015-16/367, Date : 08.01.2016

CONTROL SLIP

Tender No.	:
Date of Issue	:
Name of the Firm	:
Address of the Firm	:
	:
No. of Pages	:
Issue of Tender	:	Friday, 22 January 2016
Last date of receipt of tenders (time)	:	Thursday, 11 February 2016 (11.00 AM)
Date of opening of tenders (time)	:	Thursday, 11 February 2016 (12.00 Noon)
Fee of Tender form	:	Rs.1500.00+13.5% VAT= 1703.00 (One Thousand Seven Hundred Three Only)
Signature of the Vendor With Seal	:

Note:

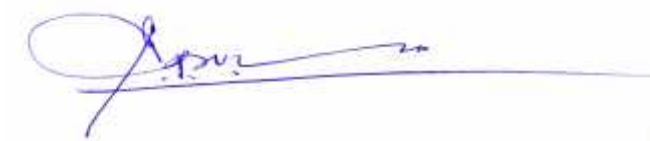
1. Kindly go through the enclosed “**Terms & conditions and Instructions**” thoroughly. The tender forms should be complete in every respect.
2. Kindly ensure that different parts of the bid are submitted in clearly marked separate sealed envelope.

REGISTRAR

Sign of Tenderer

CONTENTS

	Page No.
1. PART 'A'	
(i) Tender Notice	03
(ii) Instructions to the tenderers'	04-05
(iii) Technical bid form	07-10
(iv) General terms & conditions	11-17
2. PART 'B'	
(i) Financial bid form	19-20
(ii) Specifications of -	
(a) Equipment	21-33
(b) CADD Software	34-35
(c) Chemicals	36-50
(d) Glassware	51-56
(e) Crude Drugs	57-58





KUMAUN UNIVERSITY, NAINITAL

No. Pharm./Lab.Purchase/2015-16/367

Date: 08 January 2016

TENDER NOTICE

Sealed tenders are invited in two bid system from the manufacturers and/or authorized dealers/subsidiary of foreign manufacturers (in case of imported items only) for supply of vivid scientific instruments, CADD software, chemicals, glassware & crude drugs. Tender documents can be had from the office of the **Department of Pharmaceutical Sciences, Bhimtal Campus, Bhimtal (Nainital)** on any working day **w.e.f. 22.01.2016** on payment of Rs.1703.00 in cash or Bank Draft drawn in favour of "Department of Pharmaceutical Sciences", payable at Bhimtal (Nainital). Add Rs. 50.00 for tenders by post. For details and downloading of tender document logon to website **www.kunainital.ac.in, www.kudops.org**. Last Date for submission of sealed tender is **Thursday, 11.02.2016 upto 11.00PM** and Technical bid will be opened on **Thursday, 11.02.2016 at 12.00 Noon**.

Phone no. 05942-247030, Tele-Fax 05942-248307

REGISTRAR

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Sign of Tenderer

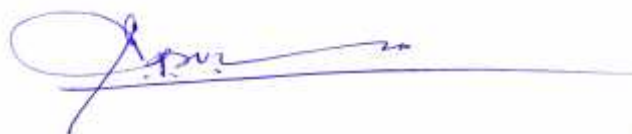
KUMAUN UNIVERSITY, NAINITAL
DEPARTMENT OF PHARMACEUTICAL SCIENCES, BHIMTAL

No. Pharm./Lab.Purchase/2015-16/367
Tel. No.: (05942) 247030

Date: 08 January 2016
Tele-Fax: (05942) 248307

INSTRUCTIONS TO THE TENDERER

1. Tender should be addressed to the “Head, Department of Pharmaceutical Sciences, Kumaun University, Bhimtal Campus, Bhimtal (Nainital), Uttarakhand and be sent in a properly sealed cover. The tender should be sent in an envelope superscribed as “Tender for the supply of Vivid Equipments (Code no.), CADD Software, Chemicals, glassware & Crude drugs- Pharmaceutical Sciences, Bhimtal’ **Due on Dated 11th February 2016 time 11.00 AM.**
2. The price quoted should be **F.O.R. & delivery at site (Department of Pharmaceutical Sciences, Kumaun University, Bhimtal Campus, Block Road, Mallital, Bhimtal 263136 District-Nainital, Uttarakhand) basis, inclusive of all levies, custom clearance and all other duties except taxes wherever applicable which should be indicated in the offer clearly.**
3. Earnest money as per conditions stipulated shall be deposited along with the tender/technical bid in the shape of a DD/FDR/BG, duly pledged or in favour of the ‘Department of Pharmaceutical Sciences, Bhimtal’. Tender without earnest money will not be accepted. In case tender is not accepted for award of contract, the earnest money shall be refunded after its finalization. The EMD should be drawn from the account of the tendering firm otherwise tender shall be rejected. DD/FDR/BG issued in personal name shall not be accepted.
4. Tenders shall be received in the office of the of the ‘Head, Department of Pharmaceutical Sciences, Kumaun University, Bhimtal Campus, Bhimtal (Nainital), Uttarakhand’ & opened as per schedule given in the notice in presence of the tenderers or their representative who may like to be present at the time of opening of the same.
5. The tenders may be dropped in the Tender box kept in the office of the issuing authority and the same may also be sent by post/courier but the University will not be responsible for any postal delay or otherwise. Tenders received after the stipulated date & time are liable to be rejected.
6. The offer should be strictly according to the brand/specifications as mentioned in the tender documents.
7. Firms black-listed by any of the department of central/state govt. or Kumaun University need not to tender.
8. Interim enquiries or subsequent offers if any, will not be entertained.
9. Tenders, which do not fulfill all or any of the above conditions or found incomplete in any respect are liable to be rejected.
10. The Earnest Money shall be released only after satisfactory installation of equipment/items in all respect and as per the terms & conditions of the tender.
11. The acceptance of tenders rests with the Vice-Chancellor of the University who does not bind himself to accept the lowest tender & reserves the right to reject or partially accept any or all the tenders without assigning any reason whatsoever thereof.
12. Every tenderer shall give a certificate in writing about the manufacturer whose brand is being promoted by him.



- 13. The maximum rate of discount on the manufacturer's price list offered by the tenderer & the rates tendered may be indicated clearly in figures and words.
- 14. No overwriting or cutting on the prices is allowed; if so certificate of the manufacturer to this effect may be attached with the tender.

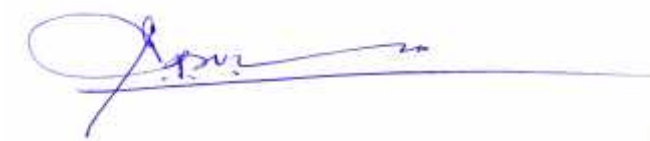


Signature of issuing authority

I have read all instructions (From 1 to 14) carefully and promise to abide by them during the period of contract.

Dated: _____

**Signature of Tenderer
With seal**



Sign of Tenderer

PART 'A'

TECHNICAL BID

1. If the formalities regarding Technical bid are not complied with, Part-B of tender (Financial bid) shall not be opened.
2. To be submitted in a separate envelope superscribing '**Technical Bid for**'

(Equipments (Code No.)/Software/Chemicals/Glassware/Crude Drugs whichever applicable)
3. Use separate envelope for each category of item & all those sealed envelopes put in a big envelope super-scribing "TECHINICAL BID FOR"



Pharm./Lab.Purchase/2015-16/367, Date: 08.01.2016
KUMAUN UNIVERSITY, NAINITAL
DEPARTMENT OF PHARMACEUTICAL SCIENCES, BHIMTAL

TENDER FORM FOR THE SUPPLY OF : _____
(Write any One on- LAB EQUIPMENTS (Code No.), SOFTWARE, CHEMICALS,
GLASSWARE & CRUDE DRUGS)

“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE. THE NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID”

PART-A : Technical Bid

“Please furnish the following information in this part so as to enable the panel to decide about the qualification in the Technical Bid. Necessary valid documents/certificates from the appropriate authority must be attached sequentially in support of statement at serial ‘4’ to ‘17’ below.

For qualification criteria the tenderers are required to have supplied details of Turnover and a specified amount of supplies made during the last financial year and the bidders have to furnish an authentic certificate from their clients in support of satisfactory performance.”

Tenderer’s reference No. : _____ Date : _____

- 1. Application for the supply of : _____
- 2. Name of the Tenderer : _____
- 3. Address : _____

(A) Telephone No. _____ (B) Mobile No. _____
(C) Fax No. _____ (D) e-mail _____

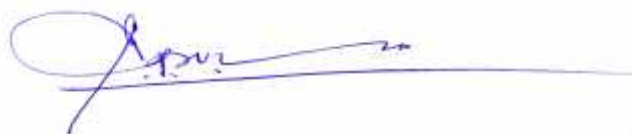
- 4. Earnest Money (Must be attached with technical bid)
 - (a) Amount : Rs. _____
 - (b) In favor of : Department of Pharmaceutical Sciences
Bhimtal
 - (c) DD/FDR/BG No. & Date : A/c, M/s _____

- 5. Status of the applicant : _____
(Whether manufacturer/authorized Indian Agent/authorized distributor/authorized dealer As per tender notice. (Certificate must be Submitted)



Sign of Tenderer

6. Manufacturing license No. & Date : _____
7. Sales tax registration No. & Date : _____
8. Income tax PAN No. : _____
9. ISO/ISI award letter No. : _____
(In case it is awarded to the firm)
10. Annual Turnover for the last year : _____
2014-2015 (Related Document to be attached)
11. Details of major clients for the last : _____
year only (to be attached separately)
12. Details of order complied during last year
(Certified copy enclosed)
- (i) More than Rs. 4.00 Lakh Single order (At least One)**
- (a) Name of Client & Address : _____
- (b) Amount : _____
- (ii) More than Rs. 2.00 Lakh Single order (At least two)**
- (a) Name of Client & Address : 1. _____ 2. _____
- (b) Amount : 1. _____ 2. _____
- (iii) More than Rs. 1.00 Lakh Single order (At least three)**
- (a) Name of Client & Address : 1. _____ 2. _____ 3. _____
- (b) Amount : 1. _____ 2. _____ 3. _____
13. Quantum of supplies to Kumaun : _____
University (Department wise abstract to
be attached separately in last year)
14. Please certify that you are not blacklisted: Notarized affidavit is to be attached.
by any department of central/state govt.
or university or any public institution
15. Indicate the after sales service available : _____
(Especially in Uttarakhand, Certificate from
Manufacturer must be enclosed)
- (a) No. of Engineers & technical staff: _____
- (b) No. of Venders : _____
- (c) No. of service stations : _____



- 16. Please enclose separately the technical : _____
Specifications (without rates) of the
product for which tender rates are submitted
- 17. Nearest duly authorized dealer's name : _____
And address alongwith recent
Authorization letter
Phone No./Mobile No./Fax No. : _____
e.mail : _____

NOTE : Below mentioned documents must be attached in the order indicated hereunder –

1. Draft of Form Fee, if applicable
2. Earnest money in shape of DD/FDR/BG only.
3. Technical bid form duly signed.
4. General terms & conditions duly signed.
5. Instructions to the tenderers duly signed.
6. Copy of manufacturing license from appropriate authority, if applicable.
7. Copy of certificate of dealership/distributorship, if applicable.
8. Copy of Sales tax/trade tax/VAT registration certificate.
9. Copy of CST registration certificate, if applicable.
10. Copy of last sales tax return clearance (relevant portion)
11. Turnover for last year (only extract of the relevant portion of profit & loss A/c, Balance sheet & sales tax documents for proof of turnover).
12. Proof of copy for details of order complied as per government supplies in last financial year.
13. Proof of copy for details of order complied as per supplies to university during the year 2014-15, if applicable.
14. Manufacturers must submit a certificate along with the application about the entire responsibility of their dealer in case the supply is to be made through dealer, etc.
15. Notarized affidavit regarding no-blacklisting.
16. Signed Technical Specifications (without rates) of the product with any other related literature, all the required documents of technical bid sealed in a separate envelope duly superscribed 'Technical Specification for' (equipments/CADD Software/glasswares/chemicals/crude drugs- for which bid form is submitted).

EXTRA DOCUMENTS OTHER THAN THE ASKED FOR SHOULD NOT BE ATTACHED

Note : Before sending/submitting the tender, the tenderers should read carefully, the attached terms & conditions, special conditions, instructions to the tenderers and fill the columns of technical & financial bid.



Signature of Issuing Authority

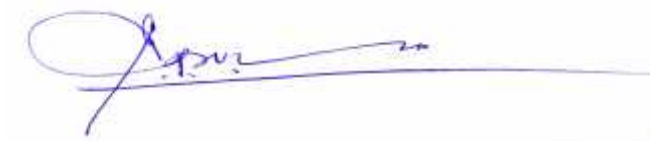


Sign of Tenderer

DECLARATION BY TENDERER

I/We declare that the information (From 1 to 17) and attached documents/certificates supplied above (From 1 to 16) is correct and I/We have read **the attached terms & conditions, instructions to the tenderer** all the terms & conditions of tender and accepted them in full.

Signature of tenderer
With Seal

A handwritten signature in blue ink, consisting of a large, stylized initial 'J' followed by several cursive letters, all written over a horizontal line.

KUMAUN UNIVERSITY, NAINITAL
DEPARTMENT OF PHARMACEUTICAL SCIENCES, BHIMTAL

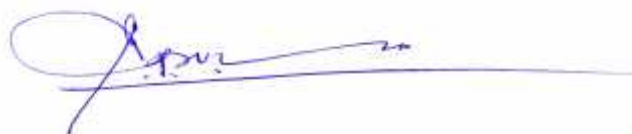
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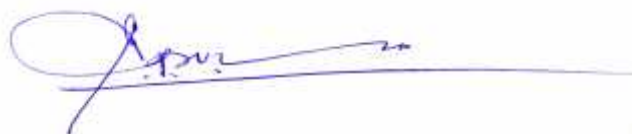
GENERAL TERMS AND CONDITIONS FOR TENDER

(Jurisdiction – Nainital, Uttarakhand)

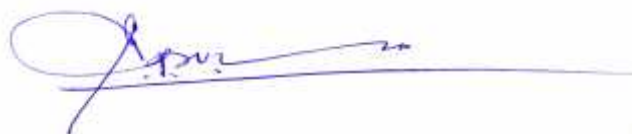
1. Sealed tenderers are invited by the “Head, Department of Pharmaceutical Sciences Kumaun University Campus, Bhimtal (Nainital)” for supply of ‘EQUIPMENTS, CADD SOFTWARE, CHEMICALS, GLASSWARE & CRUDE DRUGS’.
2. (For a two bid tender) Technical bid and Financial bid should be sealed by the tenderers in two separate envelopes duly superscribed and both those sealed envelopes should be placed in a bigger envelope which should also be sealed properly, super-scribing “Technical & Financial Bids” for the supply of ‘EQUIPMENTS, CADD SOFTWARE, CHEMICALS, GLASSWARE & CRUDE DRUGS- PHARMACEUTICAL SCIENCES, BHIMTAL’ due on ‘**11th February 2016**’.
3. (a) The Technical Bid of different category (Equipment, CADD Software, Chemicals, Glassware & Crude Drugs) are to be sealed in separate envelopes duly superscribed ‘Technical bid for’ and put in a big envelope duly superscribed “Technical bid for the supply of Equipment, Chemicals, Glassware & Crude Drugs”.
- (b) The envelope containing Financial Bid should be superscribed “Financial Bid for the supply of Equipment, CADD Software, Chemicals, Glassware & Crude Drugs”.
4. **The tender should quote in figures as well as in words the rates and total amount tendered by them in the prescribed column of the list of instrument.** Alteration, if any, unless legibly attested by the tenderers, with their full signature shall invalidate the tender. Each page of tender should be signed by the tenderers himself/themselves or by his/their authorized agent on his/their behalf. In case the tender is signed by the agent, the authority letter in his favour must be enclosed with the letter.
5. Supply of goods is acceptable on bill basis only. **R.R./documents through bank are not acceptable.**
6. Tender documents must be submitted consisting of notice inviting tender, tender form (technical and/or financial), general terms & conditions of supply, instructions to the tenderers, schedule of items duly filled, completed & every document must be signed by the tenderer.
7. Tender should be submitted in sealed cover to the office of the ‘**Head, Department of Pharmaceutical Sciences, Kumaun University, Bhimtal Campus, Bhimtal (Nainital) 263136 (Uttarakhand)**’.



8. The tenders may be dropped in the Tender Box kept in the office by due date & time. The tender may also be send/submitted in sealed cover through post/courier. The tenders received after due date & time are liable for rejection. The University shall not be responsible for receipt of tenders after due date, due to postal delays or any other reason, whatsoever.
9. Tender will be received in the office up to **11.00 AM on Thursday 11.02.2016**.
10. Bulky Tenders which cannot be dropped in the tender box will be accepted by the head of the Department of Pharmaceutical Sciences, Bhimtal or his authorized representative and receipt issued.
11. **Technical bid of tender will be opened on Thursday 11.02.2016 at 12.00 Noon in presence of the tenderers or their authorized representative who may like to be present at the time of opening of technical bid.**
12. For all items the financial bid shall be opened only for those firms whose technical bids recommended by the Purchase committee and found to be as per specifications, terms & conditions of the tender asked for.
13. In case the due date declared holiday, the tender shall be opened on next working day at same time.
14. The supplier will have to attach a certificate to the effect that the material to be supplied will be of the specification conforming to standard of the item specified in the attached schedule & conditions.
15. Trade/Sales tax/VAT or any other tax or other charges on the material, which has not been mentioned while quoting their rates, shall not be paid by the University under any circumstances.
16. The terms & conditions given by the supplier will not be binding on University. Conditional tenders shall be rejected at the sole discretion of the competent authority of the University.
17. The manufacturer should mention their address of manufacturing unit so that the site may be inspected, if required.
18. A tenderer shall not submit more than one tender for the same set of goods.
19. The tender so submitted shall be governed by the laws of india and be interpreted in accordance with such laws.
20. The tenderers may called for technical discussions by the purchase committee duly constituted or nominated by the competent authority of this University.
21. The tenderer **having minimum turnover of Rs. Fifty Lakh (Rs. 50 Lakh) in last financial year are only eligible for participation**. Detail of turnover must to be fill in technical bid with supporting documents otherwise the tender will not be considered.



22. It must be mentioned clearly whether tenderer is a manufacturer/authorized dealer for the items for which he is quoting.
- Manufacturer** must add a certificate that item(s) is manufactured by them as per range of products.
 - Authorized agents** must add authority letter from their Manufacturer/Principals.
23. (i) In case of Chemical, Glassware & Crude drug, the lowest tender (L1) is decided **on the basis of unit cost (rate of per pack or each no.) of individual item** (Chemicals, Glassware & crude drugs separately) quoted by tenderers.
- (ii) The acceptance of a tender will rest with the University who does not bind itself to accept the lowest tender and reserves itself the authority to reject or partially accept, any or all the tenders received without assigning any reason.
- 24.(i) The Chemicals required should be of high purity and quality and that of proven good brands alone need to be quoted and for this, rates from any Grade from **Sigma, Himedia, Merck, Fisher, Ranbaxy, SRL, BDH, Molychem, Sd-fine, Loba Chemie, Otto Chemicals, GE, Yarrow, MP biomedical**s must to quote only.
- (ii) The Glasswares required should be of high quality Borosilicate glass and that of proven good brands alone need to be quoted and for this, rates from any Grade from **Borosil, Schott Duran, Merck Glass, Ranbaxy Glass, Perfit, Pyrex, Labco, JSGW, J-Sil, Corning, Glassco, Tarson, Pall, Axygen, Astra, Fisher, Milipore, GE** must to quote only.
- (iii) The specifications in the schedule should strictly be adhered to and brand names and grade of all the items offered should be clearly mentioned.
- (iv) Tenders are likely to be rejected in case it does not confirm to the specifications, desired make, terms & conditions etc as laid down.
25. The tenderer should have good track record in government supplies. The tenderer should have, in last year, supplied similar items to government institutions and must enclosed a copy of order either one of these conditions:-
- Atleast Single purchase order of value more than Rs 4,00,000.
 - Atleast 2 purchase orders of value more than 2,00,000 for each purchase order.
 - Atleast 3 purchase orders of value more than 1,00,000 for each purchase order.
26. The number/quantity shown in the list of items is tentative and may be increased or decreased to any extent depending upon the actual requirement and the order for supply can be divided into quarterly/monthly requirement basis as per the discretion of the University/Department.
27. The tenderer shall submit the pre-requisite information for installation, like electrical, water facilities, air conditioning details etc. along with the tender.
28. The University/Department reserves the right to cancel/reject in full or any part of the tender without assigning any reason and to relax (to any degree) one or more of the conditions of this tender in any case.



COMPLETE AGREEMENT:

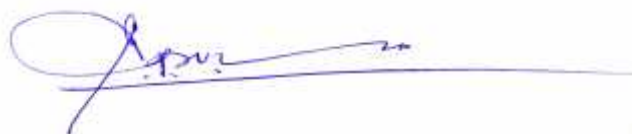
29. **The tenderers shall submit their offer on the original copy of the tender document only duly signed by them on each page** item wise rates indicating units can be offered on letterhead of the firm. Additional pages may be attached for providing supplementary information wherever need be.
30. The **Registrar, Kumaun University, Nainital/Head Department of Pharmaceutical Sciences, Kumaun University, Bhimtal Campus Bhimtal** may in writing make any revision or change in the purchase order, including additions or deletions from the quantities originally ordered or in the specifications. This should be communicated to the vendor within **(15) fifteen days** of the date of dispatch of such orders by the Department.

CANCELLATIONS:

31. The University/Department reserves the right to cancel the purchase order in whole or any part thereof and shall be entitled to revise the contract completely or in part by a written notice to the vendor, if:
- (a) The vendor fails to comply with the terms of the purchase order including specifications and other technical requirement.
 - (b) The vendor becomes bankrupt or goes into liquidation.
 - (c) The vendor fails to deliver the goods in time and/or does not replace the rejection goods promptly.
 - (d) A receiver is appointed for any of the property owned by the vendor.
32. Upon receipt of the said cancellation notice, the vendor shall discontinue all work of the Purchase Order and matters connected with it.

EARNEST MONEY & SECURITY DEPOSIT:

33. The Tender should be submitted alongwith a demand draft or fixed deposit receipts or Bank guarantee only in favour of the '**Department of Pharmaceutical Sciences, Bhimtal**', payable at **Bhimtal**. Amount of bid security (EMD) should ordinarily range between **2% to 5%**. The given percentage will depend on the total cost of the goods/items as follows :-
- (i) **Upto Rs. 1 lakh – 5%**
 - (ii) **Rs. 1 lakh to 5 lakh – 4%**
 - (iii) **Rs. 5 lakh to 25 lakh – 3%**
 - (iv) **Above Rs. 25 Lakh – 2% shall be charged**
- Tender without proper earnest money shall not be considered. **No Cheque shall be accepted.**
34. In terms of note 2(3) to rule 273 of GFR, Bid security will be liable to be forfeited, if the tenderer withdraws or amends/impairs or derogates from the tender in any respect within the period of validity of his tender.



35. In case of equipments, the Successful bidder should furnish 5% value of purchase order as performance security in the name of 'Department of Pharmaceutical Sciences, Bhimtal' after adjusting the EMD amount (already deposited with the tender) for the performance of the equipment during the whole period of warranty/guarantee. (Only on sight warranty will be accepted No interest is payable on the EMD and security deposit amount.
36. The purchaser has the right to forfeit performance security in case of any breach of contract committed by the supplier. No Interest is payable by Directorate of Medical Education Dehradun on the EMD and Security deposit amount.

PRICE:

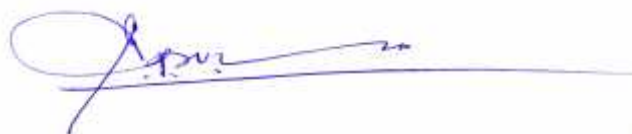
37. The price quoted should be **F.O.R. & delivery at site (Department of Pharmaceutical Sciences, Kumaun University, Bhimtal Campus, Block Road, Mallital, Bhimtal 263136 District-Nainital, Uttarakhand) basis, inclusive of all levies, custom clearance and all other duties except taxes wherever applicable which should be indicated in the offer clearly.** The rate of Trade tax should be clearly indicated wherever chargeable.

VALIDITY:

38. The offer of the tenderers shall remain valid **one year** from the date of opening of technical bid. No change in rates, technical specifications, terms and conditions will be allowed during the validity of the said tender.

GUARANTEE/WARRANTEE:

39. The supplier shall provide **standard guarantee/warrantee to all the materials/goods/equipment for a minimum period of 24 (twenty four) months from the date of the delivery & satisfactory installation of the Items.** The guarantee on materials/goods/equipment will cover any trouble or cheating originating with the manufacturing, design, materials, workmanship, non-supply of any standard attachment or operating characteristics. While incorporating G/W clause, nature & duration should be specifically mentioned with **provisions of extended warranty clause** in case of equipments.
40. Supplies will be strictly as per brand/specifications as specified in the tender form. Product must bear the brand name, lot no., date of manufacturing and date of expiry etc., as the case may be. Substandard supplies shall be rejected out rightly and the supplier shall be held responsible to make good the loss so incurred and that the University shall take necessary action against the firm/supplier, as deemed fit.
41. If during the period of tender, the price(s) of the contracted stores falls, the supplier shall have a binding to charge the prevailing lower rates against the higher contract price. However, the purchaser is not liable to compensate the supplier any hike in the tender price during the contact period.



42. Free replacement will be made against defective/damaged supplies by the firm/supplier at their own cost & risk at user's site.
43. The successful tenderer is also required to submit two sets each of the **operating manual & service manual** along with the relevant **circuit diagram** of the supplied equipment/instrument.

PAYMENTS:

44. The payment would be released within 30 days, after full delivery, inspection of the supplied equipment and satisfactory testing of the equipment/instrument, submission of performance bank guarantee AMC and other relevant papers pertaining to all statutory clearance (to be done at the Vendor's end). In case of imported items the letter of credit will be established on 80% of CIF destination value and if the rate quoted by the tenderer is/are in foreign currency, the effective conversion rate applicable as on the date of opening of technical bid.

DELIVERY:

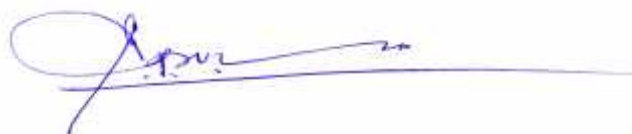
45. Supply of ordered material should be/required to be completed within stipulated date/time from the date of issue of firm order failing which the university reserves the right to forfeit the earnest money and cancel the order. Part supply shall not be accepted normally however in genuine case, permission may be granted.
46. Rejected equipment/instrument would be removed by the Vendor from the site.

FORCE MAJEURE:

47. Forced Majeure Shall mean and be limited to the following:
- (a) Any war/hostilities
 - (b) Any riot or civil commotion
 - (c) Any earthquake, flood, tempest, lightning or other shall natural physical disaster.
 - (d) Any strike, or lockout (only those exceeding ten continuous days in duration) affecting the performance of the sellers' obligation.
48. The seller shall advise the University by a registered letter duly certified by local chamber of commerce or statutory authorities the beginning and end of the above causes of delay within seven (7) days of occurrence and cessation of such Force Majeure conditions in the event of delay lasting over one month, if arising out of causes of Force Majeure, the university reserves the right to cancel the order and the provisions governing termination stated under article shall apply.

PENALTY & DISPUTES:

49. In case of supply order being placed on you:
"As time is the presence of this order, the date of delivery should be strictly adhered to otherwise the University reserves the right not to accept delivery in part or full and claim the liquidated damages 1% per week subject to a maximum of 10% of total value of the supply order."



50. Any dispute arising in process of the tender, the matter shall be referred to the sole arbitrator who in such case shall be the “**Vice-Chancellor, Kumaun University, Nainital**”, and whose verdict shall be binding on both the parties. The jurisdiction of Nainital Courts only shall be the venue for settling legal disputes if any.



Signature of issuing authority

I have read the above terms & conditions (From 1 to 50) and understood them carefully and agree to abide by the same.

Dated: _____

**Signature of Tenderer
With seal**

51. (In case tender documents are downloaded from University Website by the firm then following certificate should also be signed by the tenderer).

“Certified that we have downloaded the tender documents from University Website and for any difference in contents from original document we shall be fully responsible and understand that purchase order placed, if any, may be terminated by University on this account. The tender fee of ‘Rs. 1500.00 + VAT 13.5% =Rs. 1703.00’ is enclosed in shape of Bank Draft No date drawn in favour of ‘**Department of Pharmaceutical Sciences**’, Payable at ‘**Bhimtal**’.

**Signature of Tenderer
With seal”**



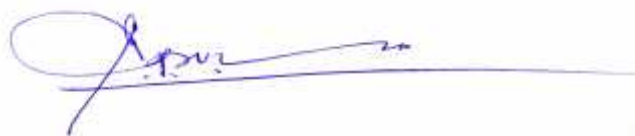
Sign of Tenderer

PART 'B'

FINANCIAL BID

1. This part shall be opened only on the satisfactory acceptance of **'PART-A (Technical Bid)'** of Tender Bid.
2. Ensure that Financial Bid is not included in 'Part-A' otherwise the tender may be rejected.
3. To be submitted in a separate envelope superscribing **'Financial Bid for**'

(Equipments/CADD Software Chemicals/Glassware/Crude Drugs whichever applicable)
4. **Use separate envelope for each category of item & all those sealed envelopes put in a big envelope super-scribing "FINANCIAL BID FOR....."**



Pharmacy/Lab.Purchase/2015-16/367, Date: 08.01.2016
KUMAUN UNIVERSITY, NAINITAL
DEPARTMENT OF PHARMACEUTICAL SCIENCES, BHIMTAL

TENDER FORM FOR THE SUPPLY OF : _____
(Write any One on- LAB EQUIPMENTS with code, CADD SOFTWARE, CHEMICALS,
GLASSWARE & CRUDE DRUGS)

“PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE. THE NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID”

PART-(B): Financial Bid
(To be kept in a separate sealed envelope)

Tenderer’s reference No. _____ Dated: _____

- 1. Application for the supply of : _____
- 2. Name of the Tenderer : _____
- 3. Address : _____

(A)Telephone No. _____ (B) Mobile No. _____
(C) Fax No. _____ (D) e-mail _____

4. Status of the applicant : _____
(Whether manufacturer/(original) authorized Indian Agent/Authorized distributor/Authorized Dealer/Trader as per tender notice. (Certificate Must be submitted)

5. Telephone No., Fax No., e.mail of Foreign principals : Telephone _____
Fax No. _____
e.mail _____

6. Registration No. with DGS&D (in case The authorized Indian agent of foreign manufacturers) : _____

7. Country of origin of the equipment Indigenous : _____



Sign of Tenderer

- 8. Cost of equipment
 - (i) In Indian Rupee : _____
 - (ii) In foreign currency
 - a. FOB value with currency : _____
 - b. Insurance & freight charges : _____
 - c. CIF value with currency : _____
- 9. Validity of rates (Period) : Minimum One Year
- 10. Mode of supply : _____
 Direct/Through dealer (Please give full Name & address of the dealer (if any))
- 11. Specify VAT
 - (A) Full VAT/CST : _____
 - (B) Concessional VAT/CST : _____

NOTE:

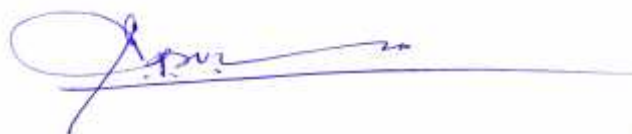
- (i) Over writing in tender will not be accepted. Cutting if any should be properly signed by the tenderer.
- (ii) University is not bound to make any part payment if full supplies are not made at a time and make purchase on lowest quoted rates.
- (iii) The tenderer should enclose required certificates in the same order as mentioned above & serialize them accordingly, and fillip all columns of the tender documents strictly.
- (iv) Before sending /submitting the application/tender, the applicant should read carefully the attached terms & conditions and instructions sheet.
- (v) Tenderer should clearly mention the tax applicable apart from the price in their offer and duties and any other levies are not applicable in any case.
- (vi) Kindly quote individual prices for every items.



Signature of issuing authority

Dated: _____

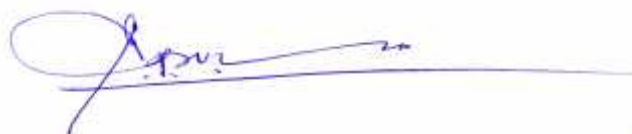
**Signature of Tenderer
Name & Seal of Firm**



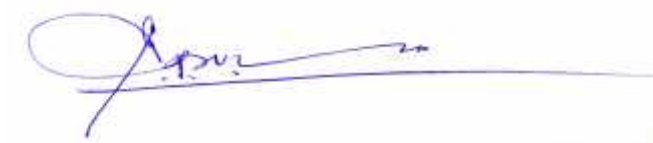
Sign of Tenderer

SPECIFICATIONS FOR RESEARCH MICROSCPOE (CODE NO-01)

SN	NAME OF ITEMS WITH SPECIFICATION	QTY	Quoted Rate
1.	<p><u>RESEARCH MICROSCPOE:</u> Specifications for Compound Phase-contrast Research Microscope with Scientific Color Digital Camera and Image Analysis Workstation</p> <ul style="list-style-type: none">)] Research Microscope stand for transmitted light LED illumination, with height adjustability of focus knobs, with stage carrier and centrable condenser holder for vertical adjustment, right- & left-hand operation and clamp screw, with adjustable height stop, Mains 90-250V, commutable 50/60 Hz.)] Contrasting techniques: Transmitted Light Brightfield, and Upgradation possibility for Reflected Light Fluorescence)] Transmitted LED Light with 50000Hrs life time.)] Infinity Corrected & Harmonic Compensated (HC) Optical System)] 3-step focus drive for coarse, fine & super fine focusing)] Objective nosepiece for 7 objectives)] Ergo stage with vernier reading, travel range 76x25mm with stage plate for ergo stages with ultra hard ceramic surface, Slide holder for ergo stages for one hand slide exchange; X/Y stage control removable rubber covers [left or right hand])] Transmitted light filter magazine for 3 filters with Daylight filter DLF (conversion filter), 40mm)] Binocular Phototube, with tubelens /1x, with 30° viewing angle, with interpupillary adjustment 55-75mm, with constant focus and automatic adjustment of right eyepiece/graticule.3 beamsplitter positions vis/phot.;50/50%,fixed)] Colour coded condenser for easy matching of objective N.A. with condenser N.A to get image with best contrast & resolution)] High resolution and anti-fungus treated PLAN Achromatic Objectives 4x,10x, 40x and Plan 100x/1.25 Oil)] Microscope should be upgradable for Fluorescence and DIC in future.)] The same quoted microscope frame in future ready for Multi-teaching head observation(minimum 10 person) with LED indicator, Connecting with projector facility ,Remote live image viewing facility and Drawing attachment)] The Same quoted Microscope frame in future fully Upgradable for Condenser motorization, X-Y Stage Motorization, External Z-Focus Motorization)] Harmonic corrected focusable & adjustable eyepiece pair 10x/ 22 mm FOV)] Accessories: dust cover, immersion oil – 20 ml.)] 5 M P Digital camera attachments with CMOS sensor, S/W for micron bar, annotation & point to point measurement. Camera should have; HD live image for operation with or without computer, full HD movie clips recorded directly to the SD memory card, direct control of all camera parameters via remote control. Pixel seize 2.35 x 2.35 µm, Exposure time 0.5 m sec- 500m sec)] C-mount 0.55x HC 	01	

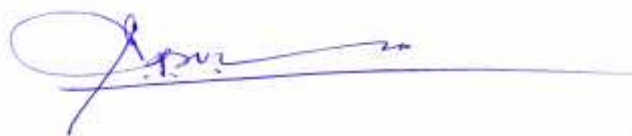


	<ul style="list-style-type: none">) Software for Micron bar, annotation, point to point measurement and shading correction.) Suitable core i5 processor based PC workstation to be quoted separately) Microscope, Digital Camera & Imaging software should be from the same manufacturer		
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SPECIFICATIONS FOR TABLET PUNCHING MACHINE (CODE NO-02)

SN	NAME OF ITEMS WITH SPECIFICATION	QTY	Quoted Rate
2.	<p><u>TABLET PUNCHING MACHINE</u></p> <p>No. of Stations : 16 Type of Tooling : D Out-put Tablets : 14400 to 28000 Per hour Max Operating Pre. : 100 KN Max. Tablet Dia : 25 mm Max. Depth of Fill : 19 mm Main Elec. Motor : 1.5KW/2 hp. 960 RPM 415 V, 50 Hz, 3 Ph. Overall Dimensions : 90x120x173 H (in cm.)</p> <p>Rates with following Additional accessories- 1) 4 Sets of 4 Die-Punch each (Total 16) with following details- 1. Diameter 7mm- shape of Tablet Round flat, 2. Diameter 12mm- shape of Tablet Round convex, 3. Diameter 17mm- shape of Tablet Round Flat, 4. Diameter 25mm- shape of Tablet Oval 2) 12 nos. of dummy Die</p> <p>Manufacturer with above specifications must comply the following additional conditions (related documents must to attach with Technical bid) – 1) No. of machines sold not less than 1000. 2) Experience of not less than 30 years 3) Nearest service support office functional for not less than 10 years. Machine quote with all inclusive & F.O.R. Destination, except taxes charged extra</p>	01	



SPECIFICATIONS FOR FOURIER TRANSFORM INFRA RED (FTIR) SPECTROPHOTOMETER (CODE NO-03)

SN	NAME OF ITEMS WITH SPECIFICATION	QTY	Quoted Rate
3.	<p><u>FOURIER TRANSFORM INFRA RED (FTIR) SPECTROPHOTOMETER</u> PC controlled Fourier transform infrared spectrophotometer (FTIR) which can handle liquid, power and thin film samples in the spectral range of 8300-350 cm^{-1} in transmission and optional reflectance mode. Detailed specifications are mentioned below:-</p> <ol style="list-style-type: none"> 1. Wavelength Range minimum with KBr optics 8300-350 cm^{-1} 2. Resolution should be 0.5 cm^{-1} 3. Beam splitter & Window: germanium coated KBr 4. Interferometer should be sealed and desiccated. FTIR should have fixed mirror-pair interferometer design, which should not require dynamic alignment to compensate for errors found in linear mirror movement systems. 5. 100% sealed and desiccated optical unit. 6. FTIR system should have humidity shield design to protect system from environmental effects allowing it to be used in more challenging environments and increases timescales between desiccant changes. 7. FTIR system should have Atmospheric Vapor Compensation or equivalent technology; an advanced digital filtering algorithm designed to subtract CO_2 and H_2O absorptions automatically in real time. 8. The source should have Long-life; user replaceable. 9. The interferometer window should be made of non-hygroscopic material i.e KRS-5. 10. System should have advance interferometer with better than 300 incidents angle Michelson interferometer with Advanced Dynamic Alignment. 11. A real-time atmospheric vapor correction (AVC) or a comparable utility must be available. This should not require the collection of reference or calibration spectra. 12. Very short warming-up time without purging the system. 13. System having features automatic accessory recognition once accessory like ATR/DRC is mounted in sample compartment . 14. Signal to noise ratio better than 32,000: 1 peak to peak, 4 cm^{-1} resolution, 1 minute accumulation/scan. 15. System should have variable Spectral resolution with minimum of 0.5 cm^{-1} 16. Wavelength accuracy at least 0.1 cm^{-1} at 3000 cm^{-1} is essential. 17. Wavelength precision of at least 0.01 cm^{-1} at 3000 cm^{-1} 18. Dynamic alignment to continuously monitor the alignment of the interferometer and correct it for perfect alignment through some kind of flexible mechanism during every scan. Equipped with separate laser detector for continuous 	01	

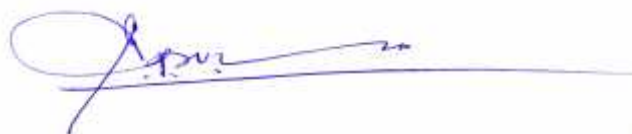


<p>monitoring the interferometer alignment.</p> <p>19. Detector: High sensitivity detector with temperature control. Should meet S/N ratio 32000:1.</p> <p>20. Demountable liquid cell from original vendor with part number.</p> <p>21. Magnetic film holder from original vendor with part number.</p> <p>22. System should be having reasonable fast computer for the spectrum display and data recording.</p> <p>23. Software: Software should have following features:-</p> <ol style="list-style-type: none"> i. The software should have feature to enable the user real time update of spectral information plus results to provide faster feedback of information data status. ii. A single software platform to incorporate all of the functions required for infrared analyses; instrument control, data manipulation and analysis, and flexible report utilities. iii. Software processing should include extensive suite of spectral processing function with simple user interface, examples include 1st -4th derivative with a variable filter, smooth, difference, normalization, A, %T, LOG, ordinate modes, cm^{-1}, nm and micron abscissa modes, +, -, *, /, baseline correction, interpolate, peak find. Custom arithmetic, processing chains and automatic data tune feature. iv. Software should allow overlay of multiple data sets. v. Macro Editor and Equations Editor must be present in the software <p>24. Essential accessories: 15 ton hydraulic press, 13mm KBr die, Pallet holder, Pestle & mortar, KBr powder IR grade.</p> <p>25. Branded PC with Intel Core i5 microprocessor, 6M cache with Microsoft Windows 7 Professional, Memory: 8 GB, Hard Drive: 1 TB, 7200 RPM. Networking: Integrated Gigabit Ethernet. External I/O Ports: 8 USB 2.0 (2 front, 6 rear), 1 Ethernet (RJ45), 2 serial (9-pin), 1 VGA (DB-15 Display Port) out and 19-inch LCD flat panel monitor should be quoted separately.</p> <p>26. Optional : Diamond-ATR Separately.</p> <p>Offer with following Additional conditions -</p> <ul style="list-style-type: none">) Warranty: 5 years extended warranty on Laser, Interferometer and Source should be quoted without any extra cost along with system after two years comprehensive warranty.) One week application training after complete installation should be given at our site.) Any component required extra to install or run the system should be quoted or should be supplied free of cost by firm at the time of installation. 		
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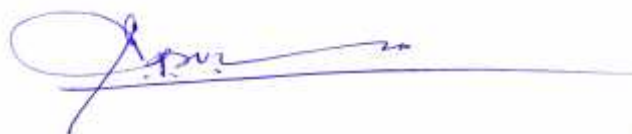
SPECIFICATIONS FOR U.V. VIS SPECTROPHOTOMETER (CODE NO-04)

4	U.V. VIS SPECTROPHOTOMETER	01
	Wavelength range	190 - 1100 nm
	Selectable wavelength	0.1 nm increments
	scan speed	3000 to 2 nm/min
	Light source change	Auto change from 300 to 360 nm wavelength range, light source can be set (at 0.1 nm adjustments) to auto shift light source from UV to Visible lamp or vice-versa.
	Measurement method	Double beam
	Light source	Halogen (20W) & Deuterium Lamp
	Photometric system	Czerny-Turner mounting
	Detector	Silicon photodiode
	Spectral bandwidth	1 nm (190 to 1100 nm)
	Wavelength accuracy	± 0.3 nm (± 0.1 nm at 656.1 nm)
	Wavelength repeatability	± 0.1 nm
	Stray light	Less than 0.02%
	Photometric range	Absorbance: -4 to 4 Abs
		Transmittance: 0.0 to 400%
	Photometric accuracy	± 0.004 Abs (at 1.0 Abs)
		± 0.002 Abs (at 0.5 Abs)
	Photometric repeatability	Less than ± 0.001 Abs (at 1.0 Abs)
	Drift	Less than ± 0.0003 Abs/h
	Baseline flatness	Less than ± 0.0006 Abs
	Noise	Less than 0.00005 Abs
	Standard Software	Photometric, Spectrum, Quantitation, Kinetics, Time scan, Multi-component quantitation, Biomethod
	Compatibility	Stand-alone, with Computer, with Printer, with USB drive
	Connectivity	USB port
	Cuvette	Quartz Cuvette of 10 mm path length, 3.5 ml capacity – 01 Pair
	Accessories	Separate Offer of suitable & compatible PC & Printer must to attach
	WARRANTY	At least 02 years Comprehensive Warranty.

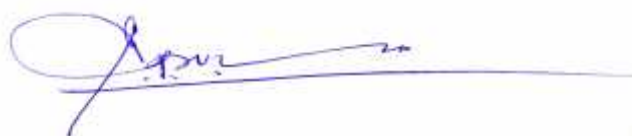


SPECIFICATIONS FOR LYOPHILIZER (Freeze Dryer) (CODE NO-05)

05	<p>BENCHTOP CASCADE FREEZE DRY SYSTEM (-84⁰c)</p> <ul style="list-style-type: none">) System should be a compact bench top design with a small footprint and capable of handling low eutectic point samples apart from aqueous samples.) The Overall dimensions should 15.1" w x 23.2" d x 16.9" h (38.3cm x 59.0 cm x 42.9 cm).) Should have an upright stainless steel collector coil condenser with Ice Holding capacity 2.5 Liters of ice before defrosting.) The system should be capable of removing 2.2 liters of water in 24 hrs.) It should have dual 1/3 hp or more HCFC/CFC-free refrigeration system to cool collector to -84°C or below.) Should have LED based wave display to indicate that temperature and vacuum conditions are right to add samples.) Should have a Moisture sensor to prevent vacuum pump start up when moisture is detected in the collector chamber.) Should have Vacuum control option to maintain set point vacuum level.) The system should have a special arrangement for preventing the oil back-streaming into the collector chamber during the power outage.) Should Have LCD that displays system operating parameters, set Up parameters and alarm messages. It may be user Configured to display vacuum in mBar, Pa or Torr & Temperature in °F or °C.) The display should also give the information like total number of hours of refrigeration operation and since the Refrigeration was serviced and the total number of hours of vacuum pump operation and since the vacuum pump was serviced.) The system should have an Audible and visual alarm system for alarm conditions like Power failure (Inbuilt feature to protect the system from Power cuts / failure), Improper line voltage supply, Collector temperature rise above -40°C, Service vacuum pump (after 1000 hours of vacuum use), Moisture in collector.) The system should have a RS232 Port to transmit data to a user supplied computer. Data Transmission intervals may be user- configured.) The system should be supplied with a Stainless steel drying manifold with 12 Ports to connect flasks of different sizes complete with adaptors/ valves etc.) Three tier product shelves which fits inside the above mentioned 12 port drying chamber for tray drying of samples.) 3 Flasks each of 100ml, 150 ml, 300ml & 500ml along with adaptors to be supplied with the system.) Rotary Vane Vacuum Pump with minimum displacement capacity of 90 L/min. Ultimate vacuum 2×10^{-3} mBar. Must be two stage, oil sealed with isolation valve. Pump must include vacuum oil (extra one liter), Exhaust filter, oil filter, odor filter and all necessary tubings. 	01	
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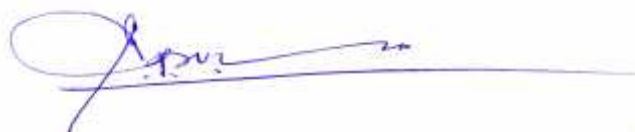


	<p>) If quoting on behalf of foreign manufacturer an authorization letter specific for this particular enquiry / tender must be enclosed otherwise the quotation will not be considered.</p> <p>To be offered under optional -</p> <p>) Liquid Nitrogen secondary trap for processing samples with ultra-low eutectic points.</p> <p>) Teflon coated Freeze dryer with glass lid.</p> <p>) Other important accessories such as flasks, ampoules, serum bottles, three tier heated product shelves for tray drying etc.</p> <p>) Other vacuum pumps to be quoted.</p> <p>Offer with following Additional conditions -</p> <p>) Warranty: extended warranty should be quoted separately after two years comprehensive warranty.</p> <p>) Application training after complete installation should be given at our site.</p> <p>) Any component required extra to install or run the system should be quoted or should be supplied free of cost by firm at the time of installation.</p>		
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LIST OF OTHER EQUIPMENTS & SPECIFICATIONS (CODE NO- 06-34)

6.	DIGITAL ANALGESIOMETER Tail Flick Unit Research Analgesiometer- Radiant heat type incorporates digital PID temperature controller, digital current or ampere controller, special variable safety device to automatically cut heating off at present 10 to 60 Secs. interval to prevent tissue damage and trauma to animal. Quick heating for rapid repetition of experiment. With photoelectric tail flick sensor and digital timer. Flick of tail cuts heat off and holds displayed till reset. Supplied with rat holder.	01	
7.	DIGITAL PLETHYSMOGRAPH With LCD display for direct volume displacement readout permitting simple off line functioning, with inbuilt computer based graphical and numerical mode. Upto 10 experimental data storage per experiment. Supplied with software having facility to save experimental subject data. Unique normal tap based transducer. No special fluid or conductivity control needed.	01	
8.	LABORATORY CENTRIFUGE MICROPROCESSOR BASED Max. Speed (rpm) : 6000, Max. RCF ('g') : 5070, Max. Capacity (ml) : 400 Digital timer range (Min) : 0-59, W x D x H (mm) : 380 x 460 x 305 7 segment LED display of speed, Digital countdown timer & continuous run Dynamic brake for quick deceleration, Last set parameters recall (Useful for repetitive analysis) Automatic door opening, Stainless Steel centrifuge Chamber, easy to clean Safety lid interlock to prevent lid opening during centrifugation Imbalance detection & centrifugation stop with display of error Motor overload protection, Gas hinge to prevent door falling Emergency lid lock release Compatible ROTOR HEAD 8x15ml swing out head with graduated glass tubes Compatible REDUCTION ADAPTORS 1x8ml 1x4ml	01 01 01 01	
9.	ROTOR HEAD (must to Compatible for Remi make Microcentrifuge RM12C) 8x5ml angle head (with round bottom PP tubes) with reduction adaptors of 4ml & 2ml	01	
10.	COOLING CENTRIFUGE high volume high speed floor model cooling centrifuge LCD display without rotor heads & accessories Max speed : 20000 RPM, Max RCF : 37570g, Max. tube size : 100ml Max. capacity : 400ml, Lowest temperature : -80⁰C W x D x H :775 X 575 X 475 LED Display, CFC free refrigeration system, Low, high Acceleration & Coasting, Low High Deceleration Profiles, Calibration window on lid for speed, Digital Control Communication. Parameters setting switches: Feather Touch Keys Brushless motor with frequency drive, Inverter fault detection with auto shut down. Last set parameters recall, Choice of RPM setting. Temperature display: ⁰ C, Digital countdown timer 0-99 min. & continuous run. Automatic door opening.	01	



	Offer complete with compatible voltage stabilizer Compatible ROTOR HEAD Complete with Polypropylene tubes 4x100ml, _ Complete with Polypropylene tubes 8x50ml Complete with Polypropylene tubes 12x15ml Complete with Polypropylene tubes 24x1.5ml	01 01 01 01	
11.	MECHANICAL STIRRER WITH HOT PLATE AND DIGITAL SPEED INDICATOR Max. stirring quantity (Water)(Liters) : 1 liter Stirring Paddle (PTFE coated) : 9 x25mm Speed range [rpm] : UPTO 1200 Speed / Temperature display : LCD Stepless speed controller Top Plate Material : Porcelain Enamel or SS top Heating power [W] : 150 Dimensions (WxDxH) (mm) : 200 x 225 x 185	02	
	MECHANICAL STIRRER WITH HOT PLATE AND DIGITAL SPEED INDICATOR Power [W] : 550 Max. stirring quantity (Water)(Liters) : 5 liter Stirring Paddle (PTFE coated) : 9 x 35mm Motor rating input [W] : 18, Motor rating output [W] : 10 Speed range [rpm] : 100-1500, Speed / Temperature display : LCD Speed display resolution [rpm] : 1, Top Plate Material : Porcelain Enamel Dimension of Top Plate [mm] : Ø 135, Heating power [W] : 500 Temperature Range : Up to 340°C, Control accuracy of heating temperature : 1°C Residual Heating Warning Alarm : Above 50°C, Control accuracy of heating temperature with sensor : 0.2°C External Temperature sensor , Dimensions (WxDxH) (mm) : 280 x 160 x 85	01	
12.	MAGNETIC STIRRER WITH HOT PLATE Max. stirring quantity (Water)(Liters) : 5 liter Stirring Paddle (PTFE coated) : 9 x35mm Speed range [rpm] : 100-1500 Speed / Temperature display : LCD Temperature Range : Up to 340 ⁰ C Top Plate Material : Porcelain Enamel , WITH ACCESSORIES	01	
	MAGNETIC STIRRER WITH HOT PLATE Max. stirring quantity (Water)(Liters) : 1 liter and 2 liters, WITH ACCESSORIES	03each	
13.	STABILITY CHAMBER Internal Volume (Liters) : 200 Number of Shelves : 2, Internal Dimensions W x D x H (mm) : 660 x 655 x 450 External Dimensions W x D x H (mm) : 800 x 1095 x 1020 Temperature Range & Accuracy : 10°C to 60°C, ± 1°C Humidity Range (Rh) & Accuracy : 40% to 95%, ± 3% Temperature & Humidity control : Microprocessor with Capacitance type sensor Display : 4" LCD Screen, Large size Display for ease of reading Power Failure Alarm : Visual Alarm Door Open Alarm : Audio Visual Alarm in case door open for over one minute Temperature / Humidity Variation Alarm : Set Humidity ± 3%, Set Temperature ± 1°C, Audio Visual Alarm	01	



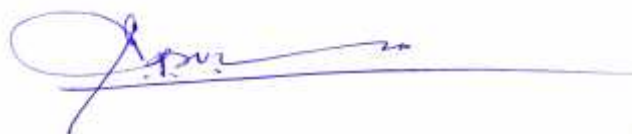
	<p>Illumination : 8 Watts Fluorescent tube, Internal Body Material : Stainless Steel - 316 grade. External Body Material : Stainless Steel - 304 grade, Insulation : 70 mm minimum for Body & 80 mm for Door, CFC free polyurethane foam Noise Level : Less Than 65 db(A), Electrical : 220-240 volts, 50Hz, Single Phase Separate Offer with compatible servo controlled voltage stabilizer and other accessories</p>		
14.	<p>OIL FREE VACUUM PUMP SUITABLE FOR LIQUID FILTRATION including filtration of any corrosive chemical such as acid, alkali and organic air. With moisture trap and vacuum regulator Power: 220V/50hz, Max Power: 80(W) Max Vacuum : -650mm/Hg , 0 mm Hg : 34 l/min, 100 mm Hg : 31 l/min, 200 mm Hg : 29 l/min, 300 mm Hg : 23 l/min 400 mm Hg : 19 l/min, 500 mm Hg : 13 l/min, 600 mm Hg : 4 l/min Motor Rotation : 1450 RPM, Capacitance : 3 μf 450v, HP: 1/6HP, Port. Thread : 5/16", Noise level : 50 dB</p>	01	
15	<p>OIL FREE VACUUM PUMP MEMBRANE VACUUM PUMP SUITABLE FOR VACUUM APPLICATIONS. Can be used with gel drying, vacuum concentrations, vacuum ovens, distillation and rotary evaporation equipment, With moisture trap and vacuum regulator Power: 220V/50hz, Max Power: 90(W), Max current (A): 0.6 Max Vacuum : -600mm/Hg , 0 mm Hg : 34 l/min, 100 mm Hg : 29 l/min, 200 mm Hg : 25 l/min, 400 mm Hg : 12 l/min, 500 mm Hg : 6 l/min, 550 mm Hg : 3 l/min Motor Rotation : 1450 RPM, Capacitance : 4 μf 450v, HP: 1/6HP, Port. Thread : 5/16", Noise level : 50 dB</p>	02	
16.	REFRIGERATER, DOUBLE DOOR, 300-320 LITER	01	
17.	MICROWAVE OVEN (Convection) 23-28 Liters	01	
18.	<p>HEAVY DUTY GRINDER For grinding of herbs, Spices, Roots and hard parts of plants All contacting parts should be made up of Aluminum & Stainless Steel with no corrosion hazards. Low temperature rise for heat sensitive materials. Cold dust free& silent running. Variable setting as per demand Three meter three core cable 2HP 2 pole electric cable. With variable capacity upto 25gm</p>	01	
19	<p>SERVO CONTROLLED VOLTAGE STABILIZER Capacity 10KVA, Automatic & manual option Input range should be 110 – 290 V/AC. Output voltage should be 220\pm5% AC. With high and low voltage trip circuit. Single variac with buckboost transformer. Voltmeter to read input and output voltage. MCB on input circuit. Supply single phase 240 volt Compact and modular construction for easy handling and servicing, with complete installation</p>	01	
20.	<p>HPLC COLUMN Stationery Phase : C-18G, Column Length : 250mm, 4.6 mm SS, Particle Size : 5μm,</p>	01	



21.	ULTRASONIC CLEANING BATH (Digitally Control) Compact, rugged and highly durable system, Extensively protected electronic circuits means longer and safer operations, High frequency electrical energy is converted into ultrasound waves by means of ULTRASONIC TRANSDUCERS, Designed for rapid cleaning of small & large intricate parts and various instruments used in scientific and medical fields, Tank made of stainless steel, Operating frequency 33KHz±3KHz, Fitted with digital timer as a standard feature, Supplied with net basket, To work on 220/230 volts AC supply Capacity 20 Liter Power: 400W	02	
22.	ELECTRONIC BALANCE RECHARGEABLE Capacity- 200gms, Readability- 1mg, with rechargeable battery	02	
23	STUDENT ORGANBATH Thermostatic controlled with S. S. Chamber, complete set including warming coil, tissue bath, lever, connecting tubes etc	05	
24.	STUDENT KYMOGRAPH With silent heavy duty motor; oil lapped 8 speed gear box; speeds from 0.12 mm /sec. to 640 mm/ sec. Jerk free running, instantaneous start and stop clutch; Stainless steel spindle with screw Lift; & 15 x 15 cm. Cylinder. With leveling screws, pilot lamp, plug and cord.	05	
25.	HEMOCYTOMETER complete with Neubaur's chamber & RBC-WBC Pipette etc	05	
26.	HEMOGLOBINOMETER complete	05	
27.	SPHYGMOMANOMETER MURCURY TYPE	05	
28.	STETHOSCOPE	05	
29.	HEATING MANTLE Capacity – 150ml, 250ml, 500ml, 1000ml, 2000ml	02 each	
30.	AERATOR (Air Pump)	10	
31.	INCINERATOR, Capacity 2-3 kg Ideal for incineration of Laboratory animals with maximum load capacity of 2-3kg and built with compact model	01	
32.	AIR CURTAIN Unique environment separation system to keep out dust, mites, insects, contrasting temperatures (warm/cold) to maintain the quality of air indoors. The CG Air Curtain is particularly effective in air-conditioned areas, preventing warm air from entering and cold air from wastefully flowing out. Dimension (WxHxL) in mm – upto 295 x 280 x 915 VELOCITY m/SEC @ 50mm- 12-13	01	
33.	ROTARY VACUUM EVAPORATOR (Cold Trap condenser) Supplied complete with geared drive non sparking noiseless motor offering smooth speed control by analog knob up to 200 RPM. Jack arrangement is fitted on traped front base for positioning glass assembly. Double walled water bath with thermostatic temperature controller, glass condenser double walled with one opening for vacuum & top reservoir for cooling medium, pear (Kjeldal) shaped evaporating flask capacity 800ml, receiver flask capacity one liter fitted with a ball joint, feeding tube, vapour path tube provided with a pressure tube, seal, spring & clips a complete working unit.	01	
34.	BIOLOGICAL SAFETY CABINET Biohazard safety cabinet (Class II, Type A2) for operator and product protection in a variety of life science applications. External Dimensions : W x D x H : 1260 x 850 x 2085 mm	01	



<p>Interior dimensions: W x D x H : 1190 x 565 x 600 mm Base Stand with leveling castors : H : 2085 mm (+ 10 mm with leveling castors) Biosafety Cabinet must be constructed from all welded, monolithic, sealed structure using good quality stainless steel (ss 304) and tempered glass. The cabinet must provide biological containment protection for both operator & product. Dual HEPA supply filters to make all positive pressure areas free of particulate contamination Recirculated air should be HEPA-filtered immediately below the work surface before it is passed through a HEPA supply filter above the work area. It must provide 70% recirculation and 30% vent outside through HEPA filter. HEPA Filters : 99.993 % @ 0.3 Micron Controller : Display : Back Lit LCD Display Lamp Control :Flouroscent lamp ON / OFF, UV Lamp ON / OFF UV lamp Timer with total usage time Gas Valve – 1 No., Air Valve – 1 No., Noise Level < 65 dB Electrical receptacle – 220 Volts x 2 ea. Viewing window: Hinged tempered glass with 8-10 inch Access opening Safety – fuse installed noise filter / filter life span alarm. Control system: self-contained electronic module for control of various functions of the Biosafety cabinet, CE Marked Optional accessories to be quoted separately:-</p> <ol style="list-style-type: none"> 1. Differential manometer – to check the time of replacement of Hepa Filters based on pressure differential. 2. Additional Gas Valve 3. Additional Air Valve 4. Additional Electrical Receptacle / Consent 5. Aspirator Pump for withdrawing spill out liquids from the work surface. 		
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CADD SOFTWARE TECHNICAL SPECIFICATION (CODE NO-35)

35	<p>Energy Minimization</p> <ul style="list-style-type: none"> ➤ Minimization of protein using steepest decent and conjugate gradient algorithm ➤ Based on Cornell's force field equation <p>Clash Optimization</p> <ul style="list-style-type: none"> ➤ Removes steric clashes in protein based on phi () and psi () angles ➤ Optimizes protein structure for Drug Discovery research <p>Binding Pocket Detector</p> <ul style="list-style-type: none"> ➤ Geometry based binding pocket detection. ➤ Detection of active site for dimers ➤ Automated scoring of the active site ➤ Customized selection and 3D visualization of active site based on user's choice ➤ Active Site of Dimer <p>Virtual High through Put Screening</p> <ul style="list-style-type: none"> ➤ Physicochemical descriptors based screening ➤ Functional group lining active site of bimolecular targets for estimating binding ➤ Rapid scanning 1 min for 1 million compounds ➤ Customized cut-off on binding affinity ➤ Screening based on only pocket information also available ➤ 4 million molecule library inbuilt, Classified based on targets, disease and sources. ➤ Customized library import ➤ Setting Physico-chemical properties <p>Docking</p> <ul style="list-style-type: none"> ➤ Energy based protein ligand docking ➤ Monte Carlo simulations in six dimensional space ➤ Complex based and cavity based docking available ➤ Robust scoring function generates near to native receptor ligand pose ➤ Multiple Docking of molecules to same proteins. ➤ Docking at interface of 2 chains of proteins. <p>Binding Energy Calculation</p> <ul style="list-style-type: none"> ➤ Charge calculation using AM1-BCC and Gasteiger ➤ Robust and efficient scoring function ➤ Quickly differentiate between false positive and true positive <p>Pharmacokinetic Properties Calculation</p> <ul style="list-style-type: none"> ➤ Built on the proprietary database of in vitro and PK clinical data ➤ Physiological model to predict in vitro ADME characteristics ➤ Structure based model to predict in vitro ADME characteristics ➤ 24 hrs run time simulation 	01	
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<ul style="list-style-type: none"> ➤ Dynamics graphical report, Report of Absorption, Distribution, Metabolicon and Excretion. ➤ Cmax, Tmax, AUC, VH Report with respect to time. ➤ ADME classification on different part of Intestine. <p>QSAR Properties Calculation</p> <ul style="list-style-type: none"> ➤ Physiochemical properties calculation ➤ Calculation of Hammett substitution constant, steric substitution constant and hydrophobic constant ➤ Generation of CSV file to be directly incorporated in model building tools. <p>General Utilities</p> <ul style="list-style-type: none"> ➤ Volume calculation ➤ Radius of gyration calculation ➤ Surface area calculation ➤ Secondary structure prediction ➤ Superimposition of two proteins and calculation of their RMSD ➤ Side chain donor acceptor calculation ➤ Calculation of energy of protein using different dielectric ➤ Easy presentation of RCSB information. <p>Training: Should clearly mentioned the free of cost training for online support, product support, scientific support and Product training- Atleast two on-site training for users, in which Ist training will be minimum for 4 days and second training will be of 3 days. Also mentioned cost for extra training.</p> <p>Users : 3 user.</p> <p>License Term: Perpetual License</p> <p>Update: One major update after installation (Version Change) free of cost. No Cost for minor Update</p> <p>Cost After Free Upgrade: At-least 70% discount of the cost of software for any further upgrade (Version Change)</p>		
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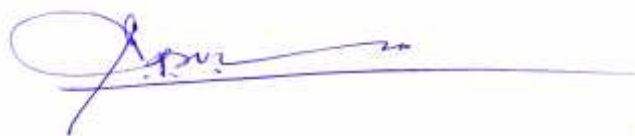


LIST OF CHEMICALS (CODE-36)

S. No.	Name of chemical (LR Grade)	Qty x Pack Size	Quoted Brand	Rate per Unit
1.	Acetone	2x500ml		
		2x2.5lit		
2.	Aniline	2x500ml		
3.	Ammonium acetate	1x500gm		
4.	Ammonia solution	2x500ml		
		2x2.5lit		
5.	Ammonium chloride	1x500gm		
6.	Ammonium hydrogen carbonate	1x500gm		
7.	Ammonium nitrate	1x500gm		
8.	Ammonium Oxalate	1x500gm		
9.	Acetanilide	1x500gm		
10.	Ascorbic acid	1x100gm		
11.	Aluminium sulphate	1x500gm		
12.	Amyl alcohol	1x500gm		
13.	Atropine sulphate	1x10gm		
14.	Adrenaline	1x10gm		
15.	Acetylcholine	1x10gm		
16.	Antimony trichloride	1x500gm		
17.	Ammonium cerric sulphate	1x500gm		
18.	Acetonitrile	1x500gm		
19.	Ammonium Carbonate	1x500gm		
20.	Arsenic trioxide	1x500gm		
21.	Allumium Hydroxide	1x500gm		
22.	Acetophenone	1x500gm		
23.	Amaranth colour	1x50gm		
24.	Alum	1x500gm		
25.	Anise aldehyde	1x100ml		
26.	P-aminophenol	1x500gm		
27.	Acetaldehyde	1x500ml		
28.	Agar	1x500gm		
29.	Acacia	1x500gm		
30.	Aceto- oricine	1x100ml		
31.	Aluminium Pot. sulphate	1x500gm		
32.	Acetyl chloride	1x500gm		
33.	Ammonium cupric Nitrate	1x500gm		
34.	Acetophonone	1x500gm		
35.	Acetic anhydride	2x500ml		
36.	p-Amino pyridine	1x100ml		
37.	4- Aminobenzoic acid	1x500gm		



38.	Aluminium Amm. Sulphate	1x500gm		
39.	Amino acid kit	1kit		
40.	Amino indole	1x500gm		
41.	1-amylase	1x10gm		
42.	Bial's reagent	1x100ml		
43.	Bouin albumin fraction	1x5gm		
44.	Benzoic acid	1x500gm		
45.	Boric Acid	1x500gm		
46.	Bentonite	1x500gm		
47.	Benzyl chloride	1x500gm		
48.	Benzaldehyde	1x500gm		
49.	Benzene	1x500ml		
		1x2.5lit		
50.	Benedict reagent(Quantitative/qualitative)	1x500ml each		
51.	Benzil	1x500gm		
52.	1,4 Butanediol	1x500gm		
53.	Barium chloride	1x500gm		
54.	Butylded hydroxyl tolune (BHT)	1x500gm		
55.	4-Bromo acetophone	1x500gm		
56.	5-Bromo indole	1x500gm		
57.	B.H.A	1x500gm		
58.	Benzoin	1x500gm		
59.	Bromine	10x20ml		
60.	Brome benzene	1x500ml		
61.	Bees wax	2x500gm		
62.	Bismuth oxychloride	1x500gm		
63.	n- butyl acetate	1x500gm		
64.	Bile salt	1x500gm		
65.	Benzophenone	1x500gm		
66.	Beef extract	1x500gm		
67.	n-Butanol	2x500ml		
68.	Barium acetate	1x500gm		
69.	Barium carbonate	1x500gm		
70.	Barium sulphate	1x500gm		
71.	Bromophenol Blue	1x100ml		
72.	Bromothymol Blue	1x10gm		
73.	Bromocresol green	1x10gm		
74.	Benzilic acid	1x500gm		
75.	Benzimidazole	1x500gm		
76.	Barium Nitrate	1x500gm		
77.	Benzyl Alcohol	1x500gm		
78.	Benzoyl chloride	1x500gm		



79.	Benzanilide	1x500gm		
80.	Benzyl Benzoate	1x100ml		
81.	Borax crystalline	1x500gm		
82.	Bismuth carbonate	1x500gm		
83.	Brilliant Green	1x10gm		
84.	n-Butyl amine	1x100ml		
85.	Buffer Tab-4.0	2pkt		
86.	Buffer Tab-7.0	2pkt		
87.	Buffer Tab-9.0	2pkt		
88.	Iso-Butyl Alcohol	1x500ml		
89.	Bentonite powder	1x500gm		
90.	Bromo cresol powder	1x10gm		
91.	4-Bromo aniline	1x500ml		
92.	Bismuth Nitrate	1x500gm		
93.	Brewer' yeast solution	1x100ml		
94.	Butanol	1x500gm		
95.	Bromine water	1x500ml		
96.	Barbituric Acid	1x500gm		
97.	CHM	1x100gm		
98.	Copper sulphate	1x500gm		
99.	Chlorobenzene	1x500ml		
100.	Cobalt(II) chloride	1x500gm		
101.	Carbon tetra chloride	1x500ml		
102.	Cyclohexane	1x500ml		
103.	Chloroform	1x500ml		
		1x2.5lit		
104.	Citric acid	1x500gm		
105.	Crystal violet	1x10gm		
106.	Cardamom Flavour	1x25ml		
107.	Coconut oil	1x500gm		
108.	Chlorol hydrate	1x500ml		
109.	Calcium chloride	1x500gm		
110.	Camphor	1x500gm		
111.	Calcium carbonate	1x500gm		
112.	Calamine	1x500gm		
113.	Calcium lactate	1x500gm		
114.	Cobalt chloride	1x500gm		
115.	Chromium trioxide	1x500gm		
116.	Curic sulphate	1x500gm		
117.	Cetrimide	1x500gm		
118.	Cresol Red	1x10gm		
119.	Carmine stain	1x10ml		
120.	Cetyl alcohol	1x500gm		



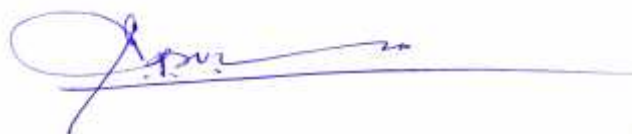
121.	Chalk	1x500gm		
122.	Cetostearyl alcohol	1x500gm		
123.	Cod liver Oil	1x100ml		
124.	Chromic acid	1x500gm		
125.	Catechol	1x500gm		
126.	Canboxy Methyl cellulose (CMC)	1x500gm		
127.	Casine	1x100gm		
128.	Charcoal Activated	1x500gm		
129.	Copper acetate	1x500gm		
130.	Chlorophenol Red	1x100ml		
131.	Chloro sulphuric Acid	1x500gm		
132.	Non- absorbant Cotton	10pkt		
133.	Calcium hydrochloride	1x500gm		
134.	Caffiene	1x500gm		
135.	Congo red paper	2pkt		
136.	Calcium sulphate	1x500gm		
137.	Ceramic Acid	1x500gm		
138.	Di- Ethyl ether	1x500ml		
139.	Di-sodium hydrogen phosphate	2x500gm		
140.	Di-methyl formamide	1x500ml		
141.	2,7 Dicholoro Fluoroscine	1x100gm		
142.	Dextrose	1x500gm		
143.	Di- Pot.Hydrogen phosphate	1x500gm		
144.	Di- methyl sulphoxide	1x500ml 1x2.5lit		
145.	Di- 2,6- diphenyl phosphate	1x50gm		
146.	Di-Ethyl phthalate	1x100gm		
147.	Di- butyl phthalate	1x100gm		
148.	Di- Phenylamine	1x100gm		
149.	DPPH (2,2-Diphenyl-1-picryl hydrazyl)	1x10gm		
150.	5,5 Dithiosis	1x100gm		
151.	Dichloro methane	1x500ml 1x2.5lit		
152.	2-Dioxy-d ribose	1x10gm		
153.	Dimethyl-Glyoxime	1x100gm		
154.	Di- Octyl sodium sulphate	1x100gm		
155.	Di- ethylene glycolmono ethyl ether	1x500ml		
156.	Dragondraff reagent	1x100ml		
157.	Diethylene Glycol	1x500ml		
158.	2,4 Dinitro phenyl hydrazine	1x500ml		
159.	3,4, Di- cholero Aniline	1x500ml		
160.	2,4,- Di-choloro aniline	1x500ml		



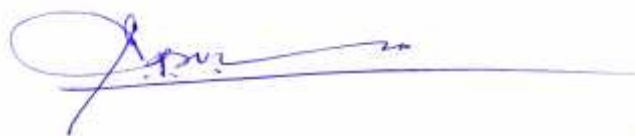
161.	D- Fructose	1x500gm		
162.	Di- Amm.hydrogen orthophosphate	1x500gm		
163.	Diethylamine	1x500gm		
164.	Dioxane solvent	1x500ml		
165.	Dithioxone	1x100gm		
166.	Diacetyl monoxime	1x100gm		
167.	Di- calcium phosphate	1x500gm		
168.	3,5 Dintro salicylic Acid	1x100gm		
169.	2,6 Di-cholorophenol	1x100gm		
170.	N,N Dimthyl formamide	1x100gm		
171.	D-(-) Mannital	1x100gm		
172.	Diastase	1x5gm		
173.	Diphenoxylate HCl	1x100gm		
174.	DL- Malic Acid	1x100gm		
175.	Ethyl Acetate	1x500ml		
176.	Eosin green	1x100gm		
177.	Eosin yellow	1x100gm		
178.	Ethyl vanillin	1x100gm		
179.	EDTA	1x500gm		
180.	1-Ethyl indole-2 carboxylate	1x500gm		
181.	4- Ethoxy Acetophenone	1x500gm		
182.	4-Ethyl Aceto phenone	1x500gm		
183.	4- Ethoxy benzaldehyde	1x500gm		
184.	Egg. Albumin	1x500gm		
185.	Ethanolamine	1x500ml		
186.	Ethyl Benzene	1x500gm		
187.	Ethyl Methyl ketone	1x500gm		
188.	Ethyl Iodide	1x500gm		
189.	Ethyl Paraben	1x500gm		
190.	Ethyl Acetoacetate	1x500gm		
191.	Eosin blue	1x50gm		
192.	Ethanol absolute	1x500gm		
193.	Ethylene glycol	1x500ml		
194.	Emulsifying wax	1x500gm		
195.	Eriochrome black T	1x50gm		
196.	Fluoro-2,4-dinitrobenzene	1x100gm		
197.	Fehlings solution A	2x500ml		
198.	Fehlings solution B	2x500ml		
199.	Ferric chloride	1x500gm		
200.	Fluoroscine	1x50gm		
201.	Ferrous sulphate	1x500gm		
202.	Formalin	1x500ml		



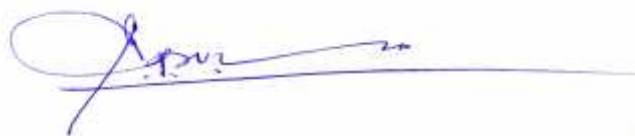
203.	Folin and ciocaltues phenol	1x100ml		
204.	5-Fluroindole	1x100gm		
205.	Ferric sulphate	1x500gm		
206.	Ferric chloride	1x500gm		
207.	Ferric citrate	1x500gm		
208.	Folic Acid	1x500gm		
209.	Formaldehyde solution	1x500ml		
210.	Formic acid	1x500gm		
211.	2- Fluro aniline	1x100gm		
212.	4- Fluro Aniline	1x100gm		
213.	Ferric Ammonium sulphate	1x500gm		
214.	Fuchsine base	1x100ml		
215.	Ferric Ammonium citrate	1x500gm		
216.	Fast green	1x50gm		
217.	1-Fluoro-2,4 dinitrobenzene	1x50gm		
218.	Ferrozin	1x50gm		
219.	Glycerine	1x500ml 1x2.5lit		
220.	Gram's safranine solution	1x100ml		
221.	Glucose	1x500gm		
222.	Gelatin powder	1x500gm		
223.	Glutaraldehyde	1x100ml		
224.	Gum Acacia	1x500gm		
225.	Glycerol monosterate	1x500gm		
226.	Galic Acid	1x100gm		
227.	Gum tragacanth	1x500gm		
228.	Grams Iodine solution Grease	1x100ml		
229.	Gelatin baeteriological	1x500gm		
230.	Gentian violet	1x100gm		
231.	Gram fuchsin baric	1x100ml		
232.	Grams crystal violet	1x100ml		
233.	Grams Safrarine	1x100ml		
234.	Grams decolorizer	1x100ml		
235.	Gram stain kit	1x100m		
236.	Glutathione	1x50gm		
237.	Hayem fluid	1x500ml		
238.	Hydrogen peroxide	1x500ml		
239.	Hydroxylamine HCL	1x500ml		
240.	Hematoxylin powder	1x10gm		
241.	Heparin sodium pure	1x10gm		
242.	Histamine	1x10gm		
243.	Hydroxy coumarin	1x50gm		
244.	n-Hexane	1x500ml		



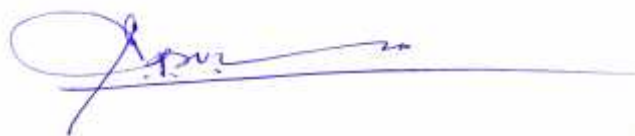
		1x2.5lit		
245.	Hard paraffin	1x500gm		
246.	Heavy Mag. Carbonate	1x500gm		
247.	Hydrazine hydrate	1x500gm		
248.	Histidine	1x10gm		
249.	Hydroxy ethyl cellulose	1x500gm		
250.	Iodine	1x100gm		
251.	Iodole	1x100gm		
252.	4-iodo acetophenone	1x100gm		
253.	Iodoform	1x500gm		
254.	Isopropyl alcohol	1x500gm		
255.	Iso nicotinic acid	1x500gm		
256.	Iron sulphide	1x500gm		
257.	Iso amyl acetate	1x500gm		
258.	Karl Fisher Reagent	1x500ml		
259.	Kaolin light	1x500gm		
260.	Kaolin Heavy	1x500gm		
261.	Kieselguar	1x500gm		
262.	Lab glass cleaning Reagent	1x500gm		
263.	Lactose	1x500gm		
264.	Litmus-Blue	1000strip		
265.	Litmus Red	1000strip		
266.	L-Ascorbic Acid	1x10gm		
267.	L-Cystine	1x10gm		
268.	Lactose	1x500gm		
269.	L-Arginine	1x10gm		
270.	Liquid Paraffin light	1x500ml		
271.	Liquid paraffin Heavy	1x500ml		
272.	Lead acetate	1x500gm		
273.	Lactic Acid	1x500gm		
274.	Lead Nitrate	1x500gm		
275.	Lead monoxide	1x500gm		
276.	Lead sub acetate	1x500gm		
277.	Lanoline	1x500gm		
278.	L-Lucine	1x10gm		
279.	Liquified Phenol	1x500ml		
280.	Leishman stain	1x100ml		
281.	Lime	1x500gm		
282.	Lauric acid	1x500gm		
283.	Linolenic acid	1x500gm		
284.	Magnesium Powder	1x100gm		
285.	Mueller hinton agar	1x500gm		
286.	Million's reagent	1x100ml		



287.	Microcrystalline cellulose (MCC)	2x500gm		
288.	Magnesium stearate	1x500gm		
289.	Magnesium sulphate	1x500gm		
290.	Mercurous nitrate	1x500gm		
291.	Methanol	2x500ml 2x2.5lit		
292.	Methyl paraben	1x500gm		
293.	Magnesium metal turning	1x100gm		
294.	Mayer solution	1x100ml		
295.	Methyl cellulose	1x500gm		
296.	n-octanol	1x500ml		
297.	4-nitrophenyl-a-d-glucopyloside	1x1 gm		
298.	Nitrobenzene	1x500gm		
299.	Nutrient broth	1x500gm		
300.	Nutrient Agar	1x500gm		
301.	N-pentane	1x500gm		
302.	O-naphtholbenzene	1x100gm		
303.	Nitroblue tetrazalium	1x10gm		
304.	Napthylene diamine	1x500gm		
305.	2- Naphthol	1x500gm		
306.	n-butyl bromide	1x500gm		
307.	1-Naphthol	1x500gm		
308.	Nicotinic acid	1x50gm		
309.	n-propyl alcolol	1x500gm		
310.	NADH	1x10gm		
311.	N-1 Naphthyl ethyl di hydrogen chloride	1x10gm		
312.	Napthalene	1x10gm		
313.	Nessler reagent	1x500ml		
314.	Netural red	1x10gm		
315.	4-nitro aniline	1x500ml		
316.	Ninhydrin	1x100gm		
317.	Nutrient broth	1x500gm		
318.	Niacin	1x100gm		
319.	Nitrocellulose	1x100gm		
320.	Osmic acid	1x100ml		
321.	Orthophosphoric acid	1x500ml		
322.	Oxalic acid	1x500gm		
323.	Oleic acid	1x500ml		
324.	Urea	1x500gm		
325.	Vaniline	1x100gm		
326.	White soft paraffin	1x500ml		
327.	Wool alcohol	1x500gm		



328.	Winter green oil	1x500ml		
329.	Xylene	1x500ml		
330.	Xyhnol orange	1x500gm		
331.	Xylitol	1x100gm		
332.	Xanthium gum	1x500gm		
333.	Yest extract powder	1x500gm		
334.	Yellow soft powder	1x500ml		
335.	Zink dust	1x500gm		
336.	Zink sulphate	1x500gm		
337.	Zink oxide	1x500gm		
338.	Zink chloride	1x500gm		
339.	Zink acetate	1x500gm		
340.	Phenol	1x500gm		
341.	Potassium dichloromate	1x500gm		
342.	Polyvinyl alcohol	1x500gm		
343.	Pathalic acid	1x500gm		
344.	Potassium permanganate	1x500gm		
345.	Potassium Iodide	1x100gm		
346.	Potassium hydroxide pellets flakes	1x500gm		
347.	Pluronic acid F127	1x100gm		
348.	Potassium aluminium sulphate	1x500gm		
349.	Potassium ferricynide	1x500gm		
350.	Potassium sodium tartarate	1x500gm		
351.	1,5 pentamethylenetetrazole	1x100gm		
352.	Phenolphthalein	1x10gm 1x500ml		
353.	Potassium dihydrogen phosphate	1x500gm		
354.	Piperazine citrate	1x500ml		
355.	Potassium sulphate	1x500gm		
356.	Potassium thiocynate	1x500gm		
357.	Potassium cholorida	1x500gm		
358.	Potassium bromide	1x500gm		
359.	Potassium citrate	1x500gm		
360.	Petrolium Ether	1x500ml 1x2.5lit		
361.	Purified talk	1x500gm		
362.	Potassium chromate	1x500gm		
363.	Potassium ferocyanide	1x500gm		
364.	Paraffin wax hard ,yellow/white	1x500gm		
365.	Pyridine	1x500gm		
366.	Potassium Nitrate	1x500gm		
367.	Phenyl hydrazine HCl	1x500gm		



368.	Potassium hydrogen phthalate	1x500gm		
369.	PH Indicator paper	10 pkt		
370.	p-chloroaniline	1x500gm		
371.	Phenol Red indicator Paper	2pkt		
372.	Potassium oxalate	1x500gm		
373.	Potassium bromate	1x500gm		
374.	Propylene glycol	1x500gm		
375.	Potassium Iodate	1x500gm		
376.	Popyl paraben	1x500gm		
377.	Phloroglucinol	1x10gm		
378.	Polyvinyl pyrrolidone	1x500gm		
379.	1,O- Phenanthroline HCL	1x500gm		
380.	Polycorbate 60	1x500gm		
381.	Propanalol	1x500gm		
382.	Polyethylene glycol 400,300,200,6000, 4000	1x500gm each		
383.	Peptone bacteriologied	1x500gm		
384.	Polysaribamide	1x500gm		
385.	Phthalic anhydride	1x500gm		
386.	Potassium dihydrogen phosphate	1x500gm		
387.	Peptone	1x500gm		
388.	Petroleum Jelly Yellow	1x500gm		
389.	Petroleum, Jelly white	1x500gm		
390.	Potassium Iodide	1x500gm		
391.	Piperidine	1x500gm		
392.	O-phenylenedionine	1x500gm		
393.	Potassium persulphate	1x500gm		
394.	Di-Pot.hydrogen phosphate	1x500gm		
395.	Potassium carbonate	1x500gm		
396.	Pumice fine powder	1x500gm		
397.	Potassium Nitrite	1x500gm		
398.	P-domethyl amino benzaldehyde	1x500gm		
399.	P-cholorobenzaldhyde	1x500gm		
400.	Phosphorous oxycycloride	1x500gm		
401.	Poly phosphoric acid	1x500gm		
402.	Pectin	1x500gm		
403.	Phenyl hydroxide	1x500gm		
404.	Pancreatin	1x50gm		
405.	SPAN-20	1x500gm		
406.	SPAN-40	1x500gm		
407.	SPAN-60	1x500gm		
408.	SPAN-80	1x500gm		
409.	Silica gel G	5x1kgm		



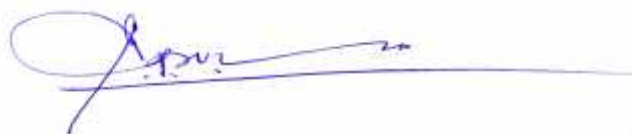
410.	Succinic acid	1x500gm		
411.	Seliwanoff's reagent	1x100ml		
412.	Sodium sulphate	1x500gm		
413.	Sodium bi carbonate	1x500gm		
414.	Sodium di hydrogen phosphate	1x500gm		
415.	Sucrose	1x500gm		
416.	Sodium dichromate dehydrate	1x500gm		
417.	Sodium Alginate	1x500gm		
418.	Sodium phosphate	1x500gm		
419.	Silica Gel (Self Indicator)	1x500gm		
420.	Sodium oxalate	1x500gm		
421.	Silver chloride	1x100gm		
422.	Salochrome Black-T	1x10gm		
423.	Sodium hydroxide flaks/pettlets	1x500gm		
424.	Sulphaniamide	1x50gm		
425.	Sodium nitroprusside	1x100gm		
426.	Sodium Nitrate	1x500gm		
427.	Sodium lauryl sulphate	1x500gm		
428.	Sulphosalicylic acid	1x500gm		
429.	Sodium pot. tartrate	1x500gm		
430.	Succinic anhydride	1x500gm		
431.	Sodium phosphate dibasic	1x500gm		
432.	Starch -Potato ,Wheet,Maize,Rice	1x500gm each		
433.	Starch soluble	1x500gm		
434.	Sudan -III	1x10gm		
435.	Stearic acid	1x500gm		
436.	Sodium thiosulphate	1x500gm		
437.	Sodium hydrogen sulphate	1x500gm		
438.	SSG(Sodium starch glycolate)	1x500gm		
439.	Sodium Benzoate	1x500gm		
440.	Sodium Metabisulphate	1x500gm		
441.	Sodium(Metal)	1x500gm		
442.	Silica for column Chromatography	1x500gm		
443.	Silicon oil	1x100ml		
444.	Silver nitrate	1x500gm		
445.	Salicylic acid	1x500gm		
446.	Soap solution	1x500ml		
447.	Sodium acetate	1x500gm		
448.	Sodium bromide	1x500gm		
449.	Stearyl alcohol	1x500gm		
450.	Schiff's reagent	1x100ml		
451.	Sodium Carboxy Methyl	1x100gm		



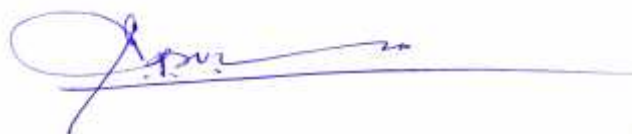
	Cellulose			
452.	Resorcinol	1x100gm		
453.	Rose water	1x500ml		
454.	Ruthenium Red	1x10gm		
455.	Trypsin 2000	1x100gm		
456.	Tert-Butanol	1x500ml		
457.	Tris Acetate	1x100ml		
458.	Tartaric acid	1x500gm		
459.	Toluene	1x500ml		
460.	Trichloroacetic acid	1x500ml		
461.	Thiourea	1x100gm		
462.	Tannic acid	1x500gm		
463.	Triethanolamine	1x500ma		
464.	Tragacanth	1x500gm		
465.	Thymol blue solution	1x100ml		
466.	Thymol blue	1x10gm		
467.	Thioacetamide	1x10gm		
468.	Tween 60	1x500gm		
469.	Tween 80	1x500gm		
470.	Tween 20	1x500gm		
471.	Tetrazine	1x10gm		
472.	Triammonium citrate	1x100ml		
473.	Triss (Hydroxy methyl aminomethane)	1x500ml		
474.	Thymol	1x10gm		
475.	Thiosalicylicacid	1x500gm		
476.	Talcum powder	1x500gm		
477.	Tollen's reagent	1x500ml		
478.	Turk's solution	1x500ml		
HPLC GRADE CHEMICALS & aids				
1	Methanol	2x2.5lit		
2	Acetonitrile	3x2.5lit		
3	Water	5x1 lit		
4	Choloroform	1x1lit		
5	Isoprpanol	1x1lit		
6.	Vial 1.5ml	200		
7.	Cap & Septas for the same	200		
FILTERS				
1	Syringe Filter 0.2 μ l, 13mm	200		
2	PTFE filter 0.2 μ l & 0.45 μ l (Syringe filter, 47mm)	200 each		
3	Filter paper ordinary	10 rim of 500 papers		




4	Qualitative Ashless Filter Paper Garde 42, 125 mm	05pack of 100nos.		
ACID				
1	Hydrochloric acid	1x500ml 1x2.5lit		
2	Sulphuric acid Conc.	1x500ml 1x2.5lit		
3	Nitric acid	1x500ml 1x2.5lit		
4	Hydrofluoric Acid	1x500ml		
5	Acetic Acid glacial	2x500ml 2x2.5lit		
6	Perchloric acid	1x500ml		
7	Picric acid	1x500gm		
PATHOLOGY KIT				
1	Kit Blood glucose kit	1kit		
2	Kit blood creatinine	1kit		
3	Kit total protein	1kit		
4	Kit blood Urea nitrogen	1kit		
5	Kit Alkaline phosphate	1kit		
6	Kit Triglyceride	1kit		
7	Kit blood Urea	1kit		
8	Kit SGOT	1kit		
9	Kit SGPT	1kit		
10	HDL- Cholesterol kit	1kit		
11	Calcium estimation kit	1kit		
12	Uric Acid kit	1kit		
13	Kit Magnesium	1kit		
14	Kit phosphorus detection	1kit		
15	Anti A,B,D kit	1 kit		
16	Bilirubin kit	1 kit		
DRUGS/ API (With Certificate of Purity)/POLYMERS/OIL/GUM etc				
1	Ampicillin crude	1x10gm		
2	Amoxicillin crude	1x10gm		
3	Cotrimoxazole	1x10gm		
4	Streptozotocin	1x10gm		
5	Glibenclamide	1x10gm		
6	Ciprofloxacin	1x10gm		
7	Diclofenac	1x10gm		
8	Natiglinide	1x10gm		
9	Lornoxicam	1x10gm		
10	Albendazole	1x10gm		
11	Flouxitene	1x10gm		



12	Imipramine	1x10gm		
13	Furosemide	1x10gm		
14	Bambuterol	1x10gm		
15	Ranitidine	1x10gm		
16	Pentoprazole	1x10gm		
17	Chloramphenicol	1x10gm		
18	Paracetamol powder	1x500gm		
19	Aspirin	1x500gm		
20	Carbopol 934/940/974	1x500gm each		
21	Carrageenan	1x100gm		
22	Chitosan	1x500gm		
23	Croscarmellose	1x500gm		
24	Aerosil 200	1x250gm		
25	Ethyl cellulose	1x250gm		
26	Eudragit- L100/S100/E100	1x100gmeach		
27	Eudragit- RS-100/RL100	1x100gmeach		
28	Hydroxy propyl methyl cellulose (HPMC grade -E5/E15/E50/ K4M/K15M/K100M/40000CPS	1x100gm each		
29	Pluxamer 407	1x50gm		
30	Gellan gum	1x500gm		
31	Guar Gum	1x500gm		
32	Eucalyptus oil	1x500ml		
33	Olive Oil	1x500ml		
34	Orange oil	1x500ml		
35	Oil of thyme	1x500ml		
36	Pine oil	1x100ml		
37	Sesame oil	1x500ml		
38	Peppermint oil	1x500ml		
39	Cinnamon oil	1x100ml		
40	Rose oil	1x50ml		
41	Turpentine oil	1x500gm		
42	Theobroma oil	1x500gm		
43	Linseed oil	1x500ml		
44	Lemon grass oil	1x500ml		
45	Clove oil	1x50ml		
46	Castor oil	1x500ml		
47	Arachis Oil	1x250ml		
48	Anise oil	1x250ml		
49	Almond oil	1x100ml		
OTHERS				
1	Capsule Cells, number-'0'	500 nos		



2	Face Mask	1000		
3	Head cover	1000		
4	Nitrile Gloves	5pkt		
5	Rubber Tubing 2mm,4mm,6mm,8mm,10mm,12mm	02 roll each		
6	Silicon Tubing 2mm,4mm,6mm,8mm,10mm,12mm	02 roll each		
7	Parafilm M4''x125/M2''x250with Dispensing box	02 each		
8	Cotton absorbent	10 nos		
9	Cotton Non absorbent	10 nos		
10	Boiling stones	1 pkt		
11	Kymograph Paper standard size	1000		
12	Aluminium collapsible tube 5gm	200no		
13	2,2 -Azino-bis(3- ethylbenzthiazoline-6-sulfonic acid) -(ABTS)	01gm		




LIST OF GLASSWARE (CODE-37)

S.No.	Name of Glassware	Qty	Quoted Brand	Quoted Rate each no.
1.	Chromatography Column length 20cm, dia 15mm	02		
2.	Chromatography Column length 40cm, dia 30mm	02		
3.	Chromatography Column length 60cm, dia 40mm	02		
4.	Clinical Thermometer	10		
5.	Sintered glass filter different grade	02each		
6.	Spatula	10		
7.	Microspatula	10		
8.	Boiling tube 30ml	500		
9.	Beaker 10ml	10		
10.	Beaker 25ml	10		
11.	Beaker 50ml	20		
12.	Beaker 100ml	30		
13.	Beaker 250ml	150		
14.	Beaker 500ml	30		
15.	Beaker 1000ml	20		
16.	Burette 10ml	05		
17.	Burette 25ml	02		
18.	Burette 50ml	50		
19.	Buchner funnel 250ml	02		
20.	Capillary Tube	10 box		
21.	Condenser leibig 30mm	02		
22.	Condenser leibig 300mm B-19/B-24	20		
23.	Condenser leibig 400mm	10		
24.	Conical Flask 100ml	20		
25.	Conical Flask 250ml	50		
26.	Conical Flask 500ml	10		
27.	Conical Flask 1000ml	10		
28.	Conical Flask 2000ml	05		
29.	Cover slip Round	05 box		
30.	Cover slip square	05 box		
31.	Centrifuge Tube 10ml	20		
32.	Centrifuge Tube 12ml	20		
33.	Centrifuge Tube 15ml	20		
34.	Chromatography sprayer	10		



35.	Dropper 4"	20		
36.	Hemometer Pipette	10		
37.	Tripod stand	30		
38.	Boss Heads	50		
39.	Essential determination apparatus 1000ml (Clevenger types)	02		
40.	Essential determination apparatus 2000ml. (Clevenger types)	02		
41.	Essential determination apparatus 5000ml. (Clevenger types)	02		
42.	Clamp Condenser	02		
43.	Air condenser 300mm	02		
44.	Burette stand with clamps and boss head (Side)	50		
45.	Filter Apparatus G-1	02		
46.	Filter Apparatus G-4	02		
47.	Filtration assembly apparatus 47mm 250ml	02		
48.	Funnel 38mm	10		
49.	Funnel 75mm	30		
50.	Funnel (powder)	10		
51.	Pipette 1ml	05		
52.	Pipette 2ml	05		
53.	Pipette 5ml	05		
54.	Pipette 10ml	30		
55.	Pipette 25ml	02		
56.	Pipette 50ml	02		
57.	Pinch cock	10		
58.	Screw clip	30		
59.	Measuring cylinder 5ml	10		
60.	Measuring cylinder 10ml	30		
61.	Measuring cylinder 25ml	10		
62.	Measuring cylinder 50ml	10		
63.	Measuring cylinder 100ml	40		
64.	Measuring cylinder 500ml	05		
65.	Measuring cylinder 1000ml	02		
66.	Glass rod/Tube	200		
67.	Clamp Burette	30		
68.	Stirring Rod 250mm	50		
69.	Stirring Rod 472mm	20		



70.	Forcep 472,10cm.long 6"	30		
71.	Condensor Clamp	30		
72.	Flask Bottom flat short	10		
73.	Semi micro test tube brush	10		
74.	Iodine flask	10		
75.	Ignition tube	2gross		
76.	PH Electrode (for pH meters)	02		
77.	Swan neck water tap Three way	20		
78.	Burner bunsan	10		
79.	Separating Funnel 100ml	05		
80.	Separating Funnel 250ml	05		
81.	Separating Funnel 500ml	05		
82.	Separating Funnel 1000ml	02		
83.	Separating Funnel 2000ml	01		
84.	Digital thermometer	02		
85.	R.B Flask 50ml	05		
86.	R.B Flask 250ml	20		
87.	R.B Flask 500ml	05		
88.	Marriot Bottle	05		
89.	Flask Volumetric 10ml	50		
90.	Flask Volumetric 50ml	10		
91.	Flask Volumetric 100ml	30		
92.	Flask Volumetric 1000ml	02		
93.	Volumetric flask 250ml	10		
94.	Volumetric flask 500ml	05		
95.	Petri Dish 100mm	30		
96.	Pestle mortar small/large	20		
97.	Plain Band	05		
98.	Plain band short/long	05each		
99.	R.D Bottle (S.G Bottle)	20		
100.	Rider	05		
101.	Reagent Bottle (NM) 125ml	05		
102.	Reagent Bottle(NM) 250ml	05		
103.	Reagent Bottle(WM) 125ml	05		
104.	Reagent Bottle(WM) 250ml	05		
105.	Reagent bottle (Amber coloured)	02		
106.	R.B.Flask two necks250ml	05		
107.	R.B.Flask three neck & thermometer pocket 250ml	02		
108.	Stalaganometer Stright	15		



109.	Soxhlet extraction apparatus 250ml	10		
110.	Soxhlet extraction apparatus500ml	05		
111.	Soxhlet extraction apparatus1000ml	03		
112.	Soxhlet extraction apparatus2000ml	02		
113.	Soxhlet extraction apparatus5000ml	01		
114.	Steam distillation assembly	03		
115.	Test Tube (hard glass)	1000		
116.	Test tube (ordinary)	200		
117.	Test tube with screw caped 15x125ml	50		
118.	Thermometer Superior(0 ⁰ - 360 ⁰ c)	30		
119.	T.L.C Plate20x10cm	30		
120.	Thermometer Half Degree	10		
121.	Tissue bath (organbath tube)	20		
122.	Test tube stand Plastic 20 test tube	05		
123.	Test tube brush	100		
124.	Teflon pestle tissue homogenises 100ml	01		
125.	Test tube holder	30		
126.	Thermometer Pockets	05		
127.	Plain still head with thermometer socket	05		
128.	(Ostwald) Viscometer	30		
129.	Watch glass 75mm (Copper)	20		
130.	Weighing tube	05		
131.	Water bath 6" dia	20		
132.	W.B.C. pipette	10		
133.	R.B.C. Pipette	10		
134.	Wire gauge	30		
135.	China dish	30		
136.	Conical flask 2ltr.	01		
137.	Chromatographic tank (20x10cm)	02		
138.	Crucible silica 15ml	10		
139.	Crucible silica 30ml	05		



140.	Conical flask with stopper 250ml	10		
141.	Connection tube 10mm	05		
142.	Stage micrometer	10		
143.	Ocular micrometer	10		
144.	Aerator	10		
145.	Glass Warming coil horizontal	10		
146.	Organ tube for two unit bath with side tube	10		
147.	Plain band receiver adaptor	02		
148.	Frontal lever	10		
149.	Artery Forcep superior	20		
150.	Quartz corvette for UV spectrophotometer	01		
151.	T.L.C. spreader	01		
152.	Evaporating flask kjeldhal cap 800ml	02		
153.	Weight box 100gm	05		
154.	Water bottle 125ml	10		
155.	Franz diffusion cell (KC cell) 10ml/30ml/50ml/100ml	02 each		
156.	Spirit clamp (aluminium)	04		
157.	Chart (Rexene) physiological	10		
158.	Wire loop holder	10		
159.	Wire for loop	01		
160.	Empty glass ampoules	500		
161.	SPARE MANTLES 150ML/250ML/500ML/1 L/2L/5L	05 EACH		

PLASTICWARE

1.	Pipette controller 01 to 100ml	01 each		
2.	Drying Rack PP 30 pegs	01		
3.	Desiccators Vacuum 210mm (PP)	01		
4.	Desiccators Vacuum 300mm (PP/PC)	01		
5.	Ice tray 600ml	02		
6.	Pipette bulb 01ml to 10 ml	05 each		
7.	U.V safety goggles	02		
8.	Utility tray	02		



	540x435x130mm			
9.	Micro Pipette tips	100 each		
10.	Plastic Animal Cage bin (43mmx27mmx15mm)	10		
11.	Storage vial 2ml	50		
12.	Carboy rectangular for water storage 20lit	02		
13.	Teflon coated magnetic bead	10		
14.	Plastic Test tube basket with cover	02		
15.	Burette stand heavy base with clamps and boss head (Side)	30		
16.	Plastic Marriot Bottle (Aspirator bottle)	30		
17.	Plastic Crucible tong 12'' 15'' 11''24''	30		



LIST OF CRUDE DRUGS (CODE-38)

SN	Name	Local name	Qty	Quoted Rate
1.	Digitalis	Fox glove leaves Harapatri	2kg	
2.	Squill	Jangli Piyaz	250gm	
3.	Stropanthus		250gm	
4.	Thevetia	Peela Kaner	500gm	
5.	Dioscorea deltoidea	Ratalu	2 kg	
6.	senega	Senega root	250gm	
7.	Senna leaves	Senai ki patti	5 kg	
8.	Rhubarb	Bangal arevanchini	1 kg	
9.	Cascara		250gm	
10.	Gentian	Trayanti, gold thread, karu kutki	250gm	
11.	Chirata		250gm	
12.	Quassia		250gm	
13.	Andrographis pamculata (Kalmegh)		250gm	
14.	Satavari		250gm	
15.	Vach		250gm	
16.	Punarnana		250gm	
17.	Gokhru		250gm	
18.	Brahmi (Bacopa moneri)		1kg	
19.	Brahmi (centella asiatica)		2kg	
20.	Manduk parni		1kg	
21.	Kantkari		1kg	
22.	Guggul		100gm	
23.	Gymnema	Merasingi, Madra singi, Gurmar	250gm	
24.	Nagarmotha		250gm	
25.	colophony	Resin	250gm	
26.	Cocoabutter			
27.	Hydnocorpus oil			
28.	Linseed oil	Til ka Tel	5x100ml	
29.	Podophyllum Hexandrum	Giriparpat, Bnavan Bakra	1kg	
30.	Shellac		250gm	
31.	Asofoetida	Heeng	100gm	
32.	Clove	long	500gm	
33.	Coriander	Dhania	500gm	
34.	black Pepper	Kali Mirch	500gm	
35.	Kurchi Bark		250gm	



36.	Aconite	Ativish, vacgnaag	250gm	
37.	Balsam of tolu		200gm	
38.	Nutmeg	Jayfal	250gm	
39.	Valerian	Tagar, Mushkbala	250gm	
40.	Tobacco	Tambaku	250gm	
41.	Areca	Supari	250gm	
42.	Lobelia	Nali	250gm	
43.	Belladona	Sag Angur	2kg	
44.	Hyoscymus niger	Henbane, korasani ajowan	2kg	
45.	Datura metel	Dhatura	2kg	
46.	Stramonim (D Strammonium)	Dhattura	2kg	
47.	Cinchona	Kunain	250gm	
48.	Ipecaec		250gm	
49.	Catharanthus	Sadabhar	1kg	
50.	Ephedra	Ma Huang	2kg	
51.	Withania somnifera	Ashwagandha	1kg	
52.	Rauwolfia serpentina	Sarpgandha	1kg	
53.	Liquorice	Mulati	2kg	
54.	Vasaka	acucha , adulsa , vasa	2kg	
55.	Aloe	ghritkumari Musabbar	250gm	
56.	Tea leaves	Chaipatti	500gm	
57.	Arachis oil (Ground nut oil)	Mugfali ka tel	250ml	
58.	Mentha oil	pudeena tel	5x100ml	
59.	Lemon grass oil	Gandha-binka tel	5x100ml	
60.	Eucalyptus oil	neel gond ka tel /Dinkum oil	5x100ml	
61.	Rheum		100gm	

