

GOVERNMENT COLLEGE UNIVERSITY FAISALABAD



TENDER DOCUMENT

FOR

Tender No. 850.30,2025

**Supply of Chemicals &
Glassware for Various
departments of GCUF**

Special Instructions:

- The firms may visit the Office of DP&IC to discuss any query before submission of bids.
- A person who attends the tender bids opening meetings may be owner of company but in case of company's representative must have authority letter of company.

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1. INVITATION TO THE BID

1.1. Bids/Tenders are invited, for “**Procurement for Chemicals & Glassware**” from Active Sales Tax and Income Tax Registered firms for Department of Treasury, Government College University, Faisalabad.

2. INSTRUCTIONS TO THE BIDDERS

2.1. Procurement will be made under Punjab Procurement Rules (PPRA) 2014.

2.2. It will be clearly understood that the Terms and Conditions mentioned in this document are intended to be strictly enforced.

2.3. Bidders must ensure that they upload all the required documents indicated in the Tender / Bid Documents at the time of submission of bid and no request for submission of any missing mandatory documents will be entertained after opening of the Bids.

2.4. Bids without supporting documents, short/ no bid security, undertaking, valid documentary evidence, and bids not conforming to terms and conditions given in the Tender Document will be liable for rejection.

2.5. The bidder must quote rates of items as per required specifications / cost of tender.

2.6. The **estimated cost** of this tender is **Rs. 20,375,876/-**

Mode of Advertisement:

As per Rule 12(1) the advertisement is being published on the website of PPRA Punjab (www.ppra.punjab.gov.pk) and also placed on official website of GCUF i.e. www.gcuf.edu.pk

2.7. Type of Open Competitive Bidding

As per Rule No. 38(2)(a), **Single stage-two envelope procedure** shall be followed with details given below:

2.7.1. The bid shall comprise of separate technical and financial bids to be uploaded on e-pads. Technical bids shall be opened first and evaluation report shall be uploaded after technical evaluation. The financial bid of the technically responsive firms shall be opened.

2.7.2. The committee shall evaluate the proposal under **PPRA Rule # 32** and in a manner prescribed in this document, without reference to the price and reject any proposal which does not conform to the specified requirements as listed in said Sections.

2.7.3. The proposals shall be opened through **E-PADS** at a time, and venue announced and mentioned in below BID DATA SHEET;

2.8. **DATA SHEET (Information for the Bidders)**

1	Procuring Agency	Government College University Faisalabad
2	Tender Number	850.30.2025
3	Name of Tender	Supply of Chemicals & Glassware for Department of Various departments of , GCUF

4	Tender Document available place	Director Procurement & Inventory Control, GC University Faisalabad
5	Cost of Tender Document	Free of Cost
6	Bid Security	5% of Estimated Amount in shape of Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) OR Banker's Cheque in favor of Treasurer Government College University Faisalabad”
7	Performance Guarantee	10 % of the order value / the firm may also request to convert the bid security as Performance Guarantee (if compatible)
8	Contact Number	Ph. 041-9201468
9	Due Date and Closing Time	10-03-2026 till 11:00 AM
10	Date, Time and Place of Bid Opening	10-03-2026 at 11:30 AM at office of Director Procurement & Inventory Control, GC University Faisalabad

TERMS AND CONDITIONS OF THE TENDER

3. Definitions

3.1. “The Procuring Agency” means Government College University Faisalabad.

3.2. “GCUF” means Government College University Faisalabad

3.3.“Bidder/Tenderer” means the Firm/Company/Supplier/Distributor that may provide or provides the Goods and related services to any of the public sector organization under the Contract and have registered for the relevant business thereof.

3.4.“Contract” means the agreement entered into between the Purchaser and the Contractor, in form of Supply Order or as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.

3.5. Contractor/The Successful Bidder” means the person whose Tender has been accepted and awarded letter of Acceptance followed by the Supply Order or Contract by the Purchaser.

3.6. “The Contract Price” means the price payable to the lowest qualified Supplier under the Contract for the full and proper performance of its contractual obligations.

3.7. “Goods” means equipment, machinery, and/or other materials which the Contractor is required to supply to the Purchaser under the Contract.

3.8. “Services” means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.

3.9. “PPRA” means Punjab Procurement Regulatory Authority.

3.10. “CPC” means Central Purchase Committee of GCUF.

4. TENDER ELIGIBILITY

Eligible Bidder/Tenderer is one who:

- 4.1. Who has valid registration certificates for Income Tax, Sales Tax and registered on E-PADS.
- 4.2. is an active Tax Payer;
- 4.3. Conforms to the clause of “Responsiveness of Bid” given in this tender document; meets the eligibility criteria of tender
- 4.4. has not been blacklisted.

5. AMENDMENT OF THE TENDER DOCUMENT

- 5.1 The Central Purchase Committee (CPC) of Government College University Faisalabad, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder(s), amend the Tender Document, on any account, for any reason.
- 5.2 All amendment(s) shall be part of the Tender Document and binding on the Bidder(s).
- 5.3 The amendment(s) will be conveyed in writing to the prospective Tenderers/Bidders.
- 5.4 The GCUF may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender, in which case all rights and obligations of the GCUF and the Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

6. BID CURRENCY

Bidder should quote price in **Pak Rupees** only and payments shall also be made in Pakistan Rupees.

7. VALIDITY PERIOD OF THE BID

- 7.1. Validity period of the bids shall be 90 days w.e.f. opening date of technical bid.
- 7.2. In exceptional circumstances, the Central Purchase Committee (CPC) of University may ask the Bidders for an extension of the period of validity. The request and the responses shall be made in writing. A bidder accepting the request will not be required nor permitted to modify its tender.
- 7.3. If the bidder, offer validity for a shorter period, shall be rejected by the CPC as “**Non-Responsive**”.
- 7.4. Under exceptional circumstances and for reasons to be recorded in writing, if an extension is considered necessary, all the bidders shall be requested to extend their respective bid validity period but such extension shall not be for more than the original period of bid validity or 180 days whichever is more.

8. BID SECURITY

- 8.1. Bidder will submit Bid Security drawn in the name of “**Treasurer, Government College University Faisalabad**” of **Rs. 1,018,794/-**:

(The required amount of Bid Security does not exceed 5% of estimated cost)

- 8.2. Cheque or Cross Cheque shall not be accepted at all. **(Insurance Bonds are not acceptable)**

- 8.3. The amount submitted as Bid Security shall be refunded to the unsuccessful bidders after the decision for the award of the said tender.

8.4. Subject to the award of contract, the Bid Security shall be returned to successful bidder against submission of Performance Guarantee.

8.5. If the Bid Security is found less than the required amount, then the bid will be rejected Irrespective of the rates and the stage of the bid process.

8.6. The Bid Security may be forfeited if a lowest qualified Bidder:

- a. Refuses to accept Letter of Acceptance of the Bid; or
- b. Fails to furnish Performance Security.

9. BID PREPARATION AND SUBMISSION

9.1 Bid shall be uploaded on PPRA by the prescribed Forms, Annexes, Schedules, Drawings, Documents, Brochures, Literature, etc. which shall be completely filled in, stamped and signed by the Tenderer or his Authorized Representative.

9.2 The documents attached with the Bid must be signed and stamped by the Authorized Representative of the Bidder. The documents attached must be numbered and attached in the following order

9.3 Covering letter *duly* signed and stamped by authorized representative.

9.4 Copy of Income Tax Registration Certificate

9.5 Copy of Sales Tax Registration Certificate.

9.6 Copy of Professional Tax

9.7 Detailed specification of items and sample (if required), which shall be examined as per required specifications.

9.8 Sound financial position of the bidder (Bank Statement)

9.9 Documents required in the tender eligibility criteria.

9.10 The Financial Proposal of the bidder shall include the price break up of taxes/duties. All taxes/duties as applicable shall be responsibility of the bidders

9.11 The cost quoted by the bidder shall be kept firm and unchanged for a period specified in the Bid/Tender Documents from the date of opening of the bids. The bidder shall keep the price firm/unchanged during the period of Contract including during the period of extension of time if any.

9.12 The quoted price will be inclusive of all taxes, duties, levies, insurance, freight (transportation charges), etc.

9.13 The Bid is liable for rejection if Financial Proposal contains conditional offer.

9.14 (Mode of Submission of Bids) The Bid should be submitted through E-Procurement System.

10. MODIFICATION/WITHDRAWAL OF THE TENDER

10.1. The Bidder may, by written notice served to the Purchaser, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.

10.2. The Tender, withdrawn after the deadline for submission of the Tender and prior to the expiration of the period of the Tender validity, shall result in forfeiture of the Tender Security.

11. BID OPENING

11.1. Proposal Opening

The bids will be opened by the Central Purchase Committee of University on the date and time as specified in the Tender Notice. The bids will be opened in the presence of the bidders / representatives who choose to be present.

11.2. Suppression of facts and misleading information

- During the bid evaluation, if any suppression or misrepresentation of information is brought to the notice of the Central Purchase Committee, the Committee shall have the right to reject the Bid and if it happens so after selection of the Bidder, the Purchase Committee may terminate the Contract or award of the Contract or further processing of the Bid as the case may be and that will be without any compensation to the Bidder and the Bid Security/Performance Guarantee, as the case may be, shall be forfeited.
- It is the Bidder's responsibility to prove the Bidder's requisite qualification, Experience and capacity to undertake the project to the entire satisfaction of the Tender Committee failing which the Bid may be rejected.

12. PRELIMINARY EXAMINATION

12.1. The Tender Committee shall examine the bids to determine whether they are complete, whether the required documents have been furnished and properly signed, and whether the bids are generally in order.

12.2. The arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Bidders/Suppliers do not accept the correction of the errors, its bid shall be rejected. If there is a discrepancy between words and figures, the amount in words shall prevail.

12.3. Conforms to all terms and conditions of the Tender Document, without Material deviation or Reservation.

13. DETERMINATION OF RESPONSIVENESS OF THE BID

13.1. The Purchaser shall determine the substantial responsiveness of the Tender to the Tender Document, prior to the Tender evaluation, on the basis of the contents of the Tender itself without recourse to extrinsic evidence. A substantially responsive Bid is one which:

13.1.1. To meets an eligibility criterion for the Bidder / the Goods / the Services;

13.1.2. To meets all the mandatory requirements of the evaluation criteria.

13.1.3. To meets the Technical Specifications for the Goods / the Services;

13.1.4. Is accompanied by the required Bid Security;

13.1.5. Is otherwise complete and generally in order;

13.1.6. The Tender determined as substantially non-responsive shall not subsequently be made responsive by the Tenderer by correction or withdrawal of the material deviation or reservation. However, the Purchaser may waive off any minor non-conformity or inconsistency or informality or irregularity in the Tender.

14. The Bidders who have duly complied with the Eligibility/Qualification and Evaluation will be eligible for further processing.

The Bids which do not conform to the Technical Specifications or Bid conditions or the Bids from the Bidders without adequate capabilities for supply and maintenance / warranty services will be rejected. The Eligible/Technically Qualified Bidders will be considered for further evaluation.

Under PPRA Rules # 31, Technical Bids will be evaluated on the basis of following criteria and financial offers of only those bidders will be opened who have fulfilled the criteria:

Mandatory Requirements	Documents Required
Sales Tax Registration	Certificate of Registration
Income Tax Registration	Certificate of Registration
Confirmation of the required specification of items given in Schedule of Requirement	The bidder must quote original product as per specifications mentioned in the bidding documents.
Supply Orders received in Past from year July-2023 till tender opening date with Government Organizations , Govt. Autonomous bodies etc,	Copies of at relevant Supply Orders/Contracts received of the similar items (Chemicals & Glassware, consumables laboratory supplies, lab equipment etc;) valuing above Rs. 20 million
Experience in Number of Years	The firm must have 3 year relevant experience (Chemicals & Glassware, lab equipment, consumable supplies etc;)
Professional Tax	Certificate of Registration (2025-26)
Income Tax & Sales Tax Return	Year 2024 -2025
Sound financial position of the bidder Bank Statement Jan 2025 till Dec 2026	Turnover as per transactions Rs. 40 million

The bidder must provide Verifiable documentary proof against all the mandatory requirement and Evaluation Criteria along with the Technical Proposal. The firm shall not be allowed to change / re-submit any document after opening of the Technical Proposal, however Purchase Committee may allow for submission of a document inadvertently missed by vendor or ask for any further documentation besides above keeping the substance of bid unchanged.

The Tender Committee may ask for physical Demonstration of any of the items given in the Tender Document for confirmation of the specifications.

16. FINANCIAL PROPOSAL EVALUATION

16.1. Financial bids of the technically qualified firms (as per bid evaluation report) shall be opened and item comparison shall be made and contract shall be awarded to the lowest bidder.

16.2. Financial Proposal evaluation will be conducted under the Punjab Procurement Rules, 2014. The Price evaluation will include all duties, taxes and expenses etc.

17. REJECTION AND ACCEPTANCE OF THE TENDER/BID

17.1. The Purchaser shall have the right, at his exclusive discretion, to increase / decrease the quantity of any or all item(s), under PPRA Rules 2014 without any change in unit prices or other terms and conditions,

According to PPRA rule 35

(5) A procuring agency may, for reasons to be recorded in writing, restart bidding process from any prior stage if it is possible without violating any principle of procurement contained in rule 4 and shall immediately communicate the decision to the bidders.

17.2. The Tender / bid shall be rejected if:

17.2.1. It is substantially non-responsive; or

17.2.2. The bidder does not meet any of the mandatory criteria mentioned.

17.2.3. It does not contain the documentary proof against any of the mandatory Criteria.

17.2.4. The bid is incomplete, partial, conditional, alternative, late; or

17.2.5. The bidder does not attach Bid Security in Shape of Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) OR Banker's Cheque; or

17.2.6. The bid security is not attached or it is less than the required amount; or

17.2.7. The Bidder submits more than one Bids against one Tender; or

18. CONTACTING THE PROCURING AGENCY

18.1. No Bidder shall contact the Central Purchase Committee of University on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

18.2. Any effort by a Bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract Award will disqualify the bidder and rejection of the bid. **Canvassing by any Bidder at any stage of the Tender evaluation is strictly prohibited.**

19. ANNOUNCEMENT OF EVALUATION REPORT

The Procuring Agency shall announce the results of bid evaluation in the form of a report giving justification for acceptance or rejection of bids at least ten days prior to the award of Contract. The report shall be made available on PPRA website and all the bidders shall be informed of this.

20. AWARD OF CONTRACT

The Tender will be awarded to the Lowest Evaluated Bidder who has been Declared Technically and Financially Qualified.

21. Letter of Acceptance (LOA)

After acceptance of the Bids by the Central Purchase Committee (CPC), Letter of Acceptance (LOA) will be issued only to the Successful Bidder (s).

22. PAYMENT OF PERFORMANCE GUARANTEE (PG)

The Successful Bidder(s) performance guarantee (In the form of Bank Guarantee, Bank call-deposit (CDR), Demand Draft (DD), Pay Order (PO) OR Banker's Cheque) will be submitted to DP&IC for a specified time mentioned in bidding documents. **(Insurance Bonds are not acceptable)**

23. REFUND OF BID SECURITY (BS)

The BS of the unsuccessful Bidder will be refunded on the written request of the Bidder.

24. ISSUANCE OF SUPPLY ORDER OR SIGNING THE CONTRACT

23.1 The Directorate of Procurement and Inventory Control (DP&IC) shall issue Supply Order or sign a Contract with the Successful bidder who has meet all requirement.

23.2 The Successful Bidder will provide the stamp paper of 0.25% of total order value for Signing the Contract OR Supply Order shall be issued and Stamp Paper duty shall be deducted from the bill.

25. REDRESSAL OF GRIEVANCES BY THE PROCURING AGENCY

24.1 Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than 10 days after the announcement of the bid evaluation report.

24.2. The Grievances Committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.

24.3. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

24.4. The decision of the Vice Chancellor of Government College University Faisalabad would be final & binding on both the parties and not challengeable in any court of law.

GENERAL CONDITIONS OF CONTRACT / SUPPLY ORDER

26. DELIVERY OF ITEMS

26.1. Delivery Period (60 Days) will be counted after issuance of Letter/ of Acceptance / Supply Order with following conditions;

26.2. The Supplier will be responsible for **delivery** of Goods, loading / unloading & shifting in store.

25.3 Before delivery of items to the locations, the Bidder must get the items inspected at GCUF.

25.4. The supplier will bear all costs associated with the preparation, delivery and installation of the Items and the Purchaser will in no case be responsible or liable for those costs. The supplier will make such arrangements to ensure safe delivery of goods. Any damage sustained during transportation / delivery will be rectified by the supplier at his cost. In case any extension required in delivery period the shall be submit justified reason before expiry of delivery time. The Committee (CPC) may grant extension under given circumstances if agrees with the request of vendor.

27. LIQUIDATED DAMAGES / LATE DELIVERY CHARGES

27.1. When the supplier fails to deliver or install the goods or both within the time period specified in the contract, the Central Purchase Committee may, without prejudice to any other remedy it may have under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 2% of the price of the delayed goods per month (**0.067 % per day**) of delay, maximum up to 10% of the price of total value of the contract.

26.2. The Successful Bidder will be responsible to provide the delivery, delivery Challan and Bill within the delivery period in order to avoid Late Delivery Charges.

28. INSPECTION AND TESTS

27.1 The Central Inspection Committee / Technical Committee of GCUF shall inspect and test the Goods supplied, the Services provided, under the Contract/Supply Order, to verify their conformity to the Technical Specifications.

27.2. Inspection will be done at Government College University Faisalabad.

27.3. Inspection Committee may verify the authenticity of items from Supplier.

27.4. After the inspection or test if the Inspection Committee declared items do not conform to the specification and the criteria then Central Purchase Committee may reject them, and the supplier shall either replace the rejected goods or make all alterations necessary to meet the requirements of the specifications free of cost to University.

29. Release of Payment & Performance Guarantee (PG)

The performance Guarantee shall be release to the vendor / supplier after successful completion of the contract OR supply of goods / items as per Supply Order.

The payment shall be made after final inspection of goods 100 % delivered / installed in the department.

30. CONTRACT AMENDMENT

No variation in or modification in the Contract shall be made, except by written amendment signed by both the Purchaser and the Contractor.

31. TERMINATION FOR DEFAULT

The Tender Committee of Government College University may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the tenderer, terminate this Contract in whole or in part if:

30.1 The bidder fails to provide services within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring entity.

30.2. The successful bidder fails to deliver goods and services as per its technical specifications Offered in the bid

30.3. The successful bidder fails to perform any other obligation(s) under the Contract.

30.4. The bidder, in the judgment of the Central Purchase Committee has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

32. BLACKLISTING

If the Contractor fails / delays in performance of any of the obligations, under the Contract / Letter of Acceptance, violates any of the provisions of the Contract / Letter of Acceptance, commits breach of any of the terms and conditions of the Contract / Letter of Acceptance or found to have engaged in corrupt or fraudulent practices in competing for the award of contract / Letter of Acceptance or during the execution of the contract / Letter of Acceptance, the University may without prejudice to any other right of action / remedy it may have, blacklist the Contractor, either indefinitely or for a stated period, for future tenders in public sector, as per mechanism provided in Punjab Procurement Rules, 2014.

33. Force Majeure

Majeure means an act of nature or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mis-planning, mis-management and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee constituted for Redressed of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

34. Termination for Insolvency

The Government College University Faisalabad (GCUF) may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the GCUF.

35. Termination for Convenience

35.1. The Procuring Agency, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Agency's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

35.2. The Goods that are complete and ready for shipment (if applicable) within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the GCUF on the Contract / Supply Order terms and prices. For the remaining Goods, the GCUF may choose:

- (a) to have any portion completed and delivered at the Contract / Supply Order terms and prices; and/or
- (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

36. Resolution of Disputes

36.1. After signing the contract or issuance of purchase order, The GCUF and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

36.2. If, after thirty (30) days from the commencement of such informal negotiations, the GCUF and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed and/or arbitration as per rule 68 of PPR-14 and in accordance with Arbitration Act-1940.

37. Applicable Law

37.1. The Contract shall be interpreted in accordance with the PPRA RULES and laws of Punjab (Pakistan) and Rules/ Regulations of GCUF.

38. Notices

38.1. Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by any information technology mean for the time being in use and acceptable in ordinary course of business to the other party's address.

38.2. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

39. Taxes and Duties

39.1. Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods & Services to the Government College University Faisalabad. In case of imposition of new taxes/duties or concession thereof after the deadlines for the submission of bids the effect thereof shall be borne or availed by the GCUF as the case may be.

Bidder General Information Form

[To be signed & stamped by the Bidder and reproduced on the letter head.]

Particulars				
Company Name				
Abbreviated Name				
National Tax No.			Sales Tax Registration No	
PRA Tax No.				
No. of Employees			Company's Date of	
			Formation	

*Please attach copies of NTN, GST Registration & Professional Tax Certificate

Registered Office Address		State/Province	
City/Town		Postal Code	
Phone		Fax	
Email Address		Website Address	

40. Affidavit

[To be printed on PKR 100 Stamp Paper, duly attested by oath commissioner. To be attached with Bid]

Name: _____

(Applicant)

I, the undersigned, do hereby certify that all the statements made in the Bidding document and in the supporting documents are true, correct and valid to the best of my knowledge and belief and may be verified by employer if the Employer, at any time, deems it necessary.

The undersigned hereby authorize and request the bank, person, company or corporation to furnish any additional information requested by the Government College University Faisalabad deemed necessary to verify this statement regarding my (our) competence and general reputation.

The undersigned understands and agrees that further qualifying information may be requested and agrees to furnish any such information at the request of the Government College University Faisalabad. The undersigned further affirms on behalf of the firm that:

- (i) The firm is not currently blacklisted by the Procuring Agency.
- (ii) The documents/photocopies provided with Bid are authentic. In case, any fake/bogus document was found at any stage, the firm shall be blacklisted as per Law/ Rules.
- (iii) Affidavit for correctness of information.

[Name of the Contractor/ Bidder/ Supplier] undertakes to treat all information provided as confidential.

Signed by an authorized Officer of the company

Title of Officer: _____

Name of Company: _____

Date: _____

Technical Specifications**List of items required for Department of Various departments of****Department of Pharmaceutics**

Sr#	Name	Qty.	Specs
1	Tyrosinase enzyme	2500unit	sigma
2	L-tyrosine	100g	Sigma
3	L-DOPA	5g	USP
4	N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimidehydrochloride	500g	Sigma
5	N-Hydroxysuccinimide	25g	Sigma
6	Poloxamer188	250g	Sigma
7	Acetonitrile	2.5lit	Icon
8	methanol	25lit	Icon
9	Dimethylsuloxide	2.5lit	icon
10	Pectin	25g	korea
11	N,N'-Methylenebis(acrylamide)	100g	icon
12	Dialyzingmembrane	100ft	Sigma
13	Rat IL-6(Interleukin 6)ELISAKit(E-EL-R0015)	96well	elabscentic
14	PluronicF127	250g	Sigma
15	Ethanol(EthyAcetate)	2.5lit	Icon
16	nutrientagar	500g	Icon
17	Curcumin	50g	sigma
18	Collagen	25g	Sigma
19	Gelatin	500g	korea
20	Hydroxyethyl cellulose	500g	Sigma
21	alphamangostinCat#M382	10mg	Sigma
22	Coumarin-6	1g	Sigma
23	3-Nitropropionic acid Cat#N5636-	1g	Sigma
24	Cox2Elisakit (Rat origin,48 samples)	kit	elabscentic
25	MMP4Elisakit(Ratorigin,48samples)	kit	Sigma
26	Qurectin	5g	icon
27	FITC	50mg	Sigma
28	Rat TNF- α (TumorNecrosisFactorAlpha)ELISAKit(E-EL-R2856)	96well	sigma

Department of Chemistry

Sr. No	Chemical	Quantity	Case number
1	4-(Methylthio)phenylboronic acid	25g	98546-51-1
2	4-Methoxyphenylboronic acid	100g	5720-07-0
3	4-Methoxycarbonylphenylboronic acid	100g	99768-12-4
4	trans-2-Phenylvinylboronic acid	100g	5/7/6783
5	Calcium hydride	100g	7789-78-8
6	Nickel(II) chloride	100g	7718-54-9
7	Nickel(II) bromide	100g	13462-88-9
8	3,5-Dimethylphenylboronic acid	25g	172975-69-8
9	3,4-Dichlorophenylboronic acid	50g	151169-75-4
10	Tris(triphenylphosphine)palladium(0)	5g	14221-01-3
11	5-Hydroxymethylfurfural (HPLC grade)	100g	67-47-0
12	Formic acid (HPLC grade)	500ml	64-18-6
13	Acetic acid (glacial/HPLC)	2500ml	64-19-7
14	Polyvinyl alcohol	100g	9002-89-5
15	2,2-Bis(hydroxymethyl)propionic acid	100g	3/7/4767
16	Triethylamine	2500ml	121-44-8
17	Cerium nitrate hexahydrate	100g	10294-41-4
18	Gadolinium nitrate hexahydrate	100g	19598-90-4
19	Titanium(IV) isopropoxide	100ml	Sigma-Aldrich205273
20	Benzhydrazide	100g	Sigma-Aldrich B13071
21	5-Chlorosalicylaldehyde	100g	Sigma-Aldrich447706
22	5-Bromosalicylaldehyde	100g	Sigma-Aldrich 137286
23	Sulfamethazine	100g	CAS Number 57-68-1
24	Dimethyltin(IV) dichloride	50g	CAS Number 753-73-1
25	di-n-butyl phthalate (DBP)	100g	84-74-2
26	diamyl phthalate (DPP)	10g	131-18-0
27	di(2-ethylhexyl) phthalate (DEHP)	100ml	117-81-7
28	di-iso-nonylphthalate (DINP)	25g	28553-12-0
29	butylbenzylphthalate (BBP)	100g	85-68-7
30	Terttriary butanol	4liter	75-65-0

Sr#	CHEMICALS	GRADE	QTY
1	1,10 Phenanthroline	Analytical grade	25g
2	1,4-Dioxane	Analytical grade	15L
3	2, 4-dinitro salicylic acid	Analytical grade	25g
4	2,4 dinitro aniline	Analytical grade	100gm
5	2,4-DNPH	Analytical grade	100g
6	2,6 dinitro phenol	Analytical grade	100gm
7	2-propanol	Commercial grade	5L
8	3, 5-dinitro salicylic acid	Analytical grade	50g
9	4-Aminobenzoic acid	Analytical grade	5kg
10	4-Aminophenazone	Analytical grade	20g
11	5-Bromo-2-furoic acid	Analytical grade	50g
12	8-hydroxyquinoline	Analytical grade	25g
13	Acetic acid	Commercial grade	20L
14	Acetone	Commercial grade	50L
15	Acetonitrile	Commercial grade	20L
16	Activated charcoal	Analytical grade	2kg
17	Adipic acid	Analytical grade	1kg
18	Alpha naphthol	Commercial grade	1kg
19	Alumina	Analytical grade	1 kg
20	Aluminum chloride	Commercial grade	2 kg
21	Ammonium aluminium sulphate	Commercial grade	1 kg
22	Ammonium chloride	Commercial grade	1kg
23	Ammonium persulphate	Commercial grade	1 kg
24	Ammonium sulphate	Commercial grade	1 kg
25	Aniline	Analytical grade	5L
26	Anthranilic acid	Analytical grade	50g
27	Anthraquinone	Analytical grade	1 kg
28	Benzaldehyde	Analytical grade	1L
29	Benzene (solvent)	Analytical grade	10L
30	Benzophenone	Analytical grade	1kg
31	Benzoquinone	Analytical grade	250g
32	Benzoyl chloride	Analytical grade	1kg
33	Benzylic acid	Analytical grade	250g
34	Beta naphthol	Commercial grade	2kg
35	Beta naphthylamine	Analytical grade	250g
36	Bleaching powder	Commercial grade	1 kg
37	Borax	Commercial grade	2kg
38	Bromine (Pure liquid)	Analytical grade	100ml
39	Butane dioL	Commercial	500mL
40	Butyric acid	Analytical grade	250g
41	Calcium chloride	Commercial grade	500g
42	Calcium Nitrate	Analytical grade	500g
43	Camphor	Commercial grade	100g
44	carbon disulphide	Analytical grade	1 kg

45	Cerium chloride	Analytical grade	500g
46	Cetyltrimethylammonium Bromide	Analytical grade	1kg
47	Chitosan	Analytical grade	1kg
48	Chloroform	Commercial grade	75L
49	cinnamic acid	Analytical grade	2 kg
50	citric acid	Commercial grade	3 kg
51	cobalt chloride	Commercial grade	500g
52	Cobalt nitrate	Analytical grade	500g
53	Column layer chromatographic Silica gel (Mesh size 300-400)	Analytical grade	5kg
54	copper acetylide	Analytical grade	50gm
55	Cupric chloride	Analytical grade	1 kg
56	Cuprous chloride	Analytical grade	1 kg
57	DCM	Commercial grade	50L
58	Diethyl Ether	Analytical grade	25L
59	Dimethylglyoxime (DMG)	Commercial grade	1 kg
60	Diphenyl	Analytical grade	1 kg
61	DMF	Commercial grade	30L
62	DMSO	Commercial grade	15L
63	Dodecyltrimethylammonium Bromide	Analytical grade	1kg
64	Eriochrome black T	Analytical grade	100g
65	Ethane diol	Commercial	500mL
66	Ethyl acetate	Commercial grade	70L
67	Ethyl solution	Commercial grade	25L
68	Ethylene glycol	Commercial grade	5L
69	Ferric chloride	Commercial grade	1kg
70	Ferrous sulphate	Commercial grade	2kg
71	Fructose	Analytical grade	1kg
72	Glucose	Commercial grade	2kg
73	Glutaraldehyde	Analytical grade	1L
74	Glutaric acid	Analytical grade	500G
75	Glycerin	Commercial grade	1kg
76	Glycine	Commercial grade	500g
77	Glycol stearate	Analytical grade	250g
78	Graphene powder	Commercial grade	100g
79	Hydrazine hydrate	Analytical grade	3kg
80	Hydrochloric acid	Commercial grade	60kg
81	hydrogen peroxide	Commercial grade	25kg
82	Hydroxy terminated polybutadiene(Mw=2293)	Commercial	500ML
83	Hydroxy terminated polybutadiene(Mw=2896)	Commercial	500mL
84	Iodine	Analytical grade	250g
85	Iodobenzene	Analytical grade	100gm
86	Isophorone Diisocyanate	Sigma Aldrich	500mL
87	Lactic acid	Analytical grade	1kg

88	Lactose	Analytical grade	1kg
89	Lanthanum nitrate hexahydrate	Analytical grade	1kg
90	Lecithin	Analytical grade	500g
91	Lithium hydride	commercial	50g
92	litmus powder	Commercial grade	25g
93	Maltose	Commercial grade	1kg
94	m-aminobenzoic acid	Analytical grade	500g
95	Manganese Sulphate	Analytical grade	1kg
96	Melamine	Commercial grade	1kg
97	Melonic acid	Analytical grade	250g
98	Mercuric sulphate	Analytical grade	100g
99	Methanol	Commercial grade	50L
100	Methyl ethyl ketone	Commercial	500ml
101	Methylated spirit	Analytical grade	50L
102	Mohr salt	Commercial grade	1kg
103	Morpholine	Analytical grade	50ml
104	Napthalic acid	Analytical grade	500gm
105	n-hexane	Commercial grade	150L
106	Nickel chloride	Analytical grade	500G
107	Nickel Nitrate	Analytical grade	1KG
108	nitric acid	Commercial grade	25KG
109	o-cresol	Analytical grade	500g
110	oleic acid	Commercial grade	1KG
111	O-Toluene sulphonic acid	Commercial grade	500G
112	oxalic acid	Commercial grade	5KG
113	p-amine phenol	Analytical grade	500g
114	p-aminobenzoic acid	Analytical grade	500G
115	p-anisidine	Analytical grade	500g
116	p-cresol	Analytical grade	500g
117	Petroleum ether	Commercial grade	25L
118	Phenolphthalein	Analytical grade	25g
119	phenyl hydrazine	Analytical grade	1KG
120	Phosphoric acid	Commercial grade	1KG
121	Phthalic anhydride	Commercial grade	5005
122	p-Iodobenzaldehyde	Analytical grade	50G
123	Pluronic F-127	Analytical grade	500g
124	Pluronic F-68	Analytical grade	250G
125	Pluronic p-85	Analytical grade	500G
126	p-nitrobenzoic caid	Analytical grade	250G
127	p-nitrophenol	Analytical grade	100gm
128	Polyethylene glycol(Mw= 1000)	Commercial	500mL
129	Polyethylene glycol(Mw= 4000)	Commercial	500ML

130	Polyethylene glycol(Mw= 5000)	Commercial	500mL
131	Potassium carbonate	Commercial grade	1kg
132	Potassium chloride	Commercial grade	2kg
133	potassium dichromate	Commercial grade	1kg
134	Potassium dihydrogen Phosphate	Analytical grade	1kg
135	Potassium hydrogen phthalate	Commercial grade	1kg
136	potassium hydroxide	Commercial grade	10kg
137	Potassium iodide	commercial	500g
138	potassium nitrate	Analytical grade	1kg
139	potassium permanganate	Analytical grade	1kg
140	Potassium sulphate	Commercial grade	1kg
141	Potassium thiocyanide	Analytical grade	1kg
142	Propane diol	Commercial	500ml
143	propionic acid	Analytical grade	500ml
144	Pyridine	Analytical grade	2.5L
145	Resorcinol	Commercial grade	1kg
146	Rubeanic Acid	Analytical grade	25g
147	Salicylic acid	Commercial grade	1kg
148	Saponin	Analytical grade	1kg
149	selenium chloride	Analytical grade	500g
150	Silica gel 60 (Mesh size 200-300)	Analytical grade	3kg
151	Silver acetylide	Analytical grade	50gm
152	Silver chloride	Analytical grade	250g
153	Silver nitrate	Analytical grade	250g
154	Siver Sulphate	Commercial grade	100g
155	Sodium alginate	Analytical grade	1kg
156	Sodium borohydride	Commercial grade	500g
157	Sodium carbonate	Commercial grade	10kg
158	Sodium Dodecyl Benzene Sulphonate (SDBS)	Analytical grade	1kg
159	Sodium Dodecyl Sulfate (SDS)	Analytical grade	1 kg
160	Sodium hydroxide	Commercial grade	10kg
161	Sodium Molybdate	Commercial grade	500g
162	Sodium Potassium Tartrate	Commercial grade	1kg
163	Sodium sulphide	Commercial grade	1kg
164	Sodium Sulphate	Commercial grade	1kg
165	Sodium thiosulphate	commercial	2kg
166	Stearic acid	commercial	1kg
167	Succinic acid	Analytical grade	1kg
168	Sucrose	Analytical grade	1kg
169	Sulfuric acid	Commercial grade	10kg
170	Tannic acid	Commercial grade	1KG

171	Tartaric acid	Analytical grade	3KG
172	THF	Commercial grade	10L
173	Thioacetamide	Analytical grade	250G
174	Thiourea	Commercial	1kg
175	Titanium chloride	Analytical grade	500g
176	Titanium oxide	Commercial grade	1kg
177	TLC card	Analytical grade	10 packs
178	Toluene	COMMERCIAL	10L
179	Triton X-100	Analytical grade	1kg
180	Tween 20	Analytical grade	1 L
181	Tween 60	Analytical grade	2kg
182	tween 80	Analytical grade	1L
183	Vanillin	Analytical grade	500G
184	Xylose	Commercial grade	500G
185	Zinc chloride	Commercial grade	1kg
186	Zinc nitrate	Analytical grade	500G
187	Zinc sulphate	Commercial grade	2KG

S.No	Items	Pack	Qty
1	Adaptor (24/29)wall thickness 2.25mm	Each	5
2	Adaptor (29/32)wall thickness 2.25mm	Each	5
3	Aluminum foil	Roll	20
4	Beakers(1000ml) wall thickness 2.25mm	Each	10
5	Beakers(100ml)wall thickness 2.25mm	Each	50
6	Beakers(250ml) wall thickness 2.25mm	Each	50
7	Beakers(25ml)wall thickness 2.25mm	Each	25
8	Beakers(500ml)wall thickness 2.25mm	Each	30
9	Beakers(50ml)wall thickness 2.25mm	Each	30
10	Beckmann thermometer	Each	5
11	Blue tips	Each	2
12	Burett 10ml., borosilicate, , PTFE (Teflon) stopcock	Each	20
13	Burette 50ml., borosilicate, 50ml, PTFE (Teflon) stopcock	Each	50
15	Chromatographic tank	Each	2
16	Condenser coiled 24/29, wall thickness 3.0 mm	Each	50
17	Conical Flask glass (100ml), wall thickness 2.25mm	Each	30
18	Conical Flask 250 ml, wall thickness 2.25mm	Each	48
19	Cotton wool	pack	1
20	crucible	Each	20
21	Cuvettes for UV Spectrophotometer (Quartz)	Pairs	5
22	Desiccators with glass or Teflon stopcock(for vacuum generation), For	Each	5

	general labs		
23	Dialysis membrane 1kD	PACK	1
24	Distillation Head 24/29, 75 Bend three ways	Each	1
26	Dropping funnel, wall thickness 2.25mm, 250ml	Each	5
27	Dropping funnel, wall thickness 2.25mm, 500ml	Each	5
29	Eppendorf	Each	1
30	Erlenmeyer flask	Each	20
31	Falcon tube 50ml	pack	30
32	Filter paper ordinary (paper not fiber sheet)	pack	10
34	Filter paper Whatman	pack	10
35	First aid box	Each	2
36	Glass dropper with rubber teat	Each	50
37	Glass funnel medium size	Each	40
38	glass rods	Each	20
39	Gloves rubber	BOX 500pcs	1
40	HDPE Bottles for storing chemicals 250ml	Each	25
41	HDPE round Bottles for storing chemicals 500ml, wide neck	Each	25
42	HDPE round Bottles for storing solid chemicals, 100ml, wide neck	Each	25
43	Heating Mental 500ml	Each	8
44	Iodine flask 250ml, wall thickness 2.25mm	Each	20
45	Iron stand with clamp	Each	30
46	Kipps apparatus	Each	2
47	Magnet bar (1/2 inches)	Each	10
48	Magnetic stirrer hot plate, For general labs	Each	8
49	Measuring cylinder glass(100ml)	Each	30
50	Measuring cylinder glass(10ml)	Each	50
51	Measuring cylinder glass(25ml)	Each	20
52	Measuring cylinder glass(50ml)	Each	30
53	Morter pestle	Each	5
54	Nylone membrane 9 mm	Each	2
55	Parafilm	roll	3
56	Petri dish (glass)	Piece	100
57	Petri dish (Plastic)	BOX 500pcs	500
58	pH paper	Each	20
59	Pipette tips (0-10 μ l)(100-100 μ l)	Each	20
60	pippete 1 ml,wall thickness 2.25mm	Each	20
61	pippete 10ml,wall thickness 2.25mm	Each	30
62	pippete 5ml,wall thickness 2.25mm	Each	20
63	Pycnometer	Each	10

64	Reagent bottle (narrow neck) 100ml, wall thickness 2.5-3mm	Each	30
65	Reagent bottle (narrow neck) 250ml, wall thickness 2.5-3mm	Each	30
66	Reagent bottle (wide neck)100ml, wall thickness 2.5-3mm	Each	30
67	Reagent bottle (wide neck)250ml, wall thickness wall thickness 2.5-3mm	Each	30
68	Round bottom flask , two neck, 24/29(100ml), wall thickness 2.5-3mm	Each	30
69	Round bottom flask 24/29(1000ml), wall thickness 2.5-3mm	Each	20
70	Round bottom flask 24/29(100ml), wall thickness 2.5-3mm	Each	40
71	Round bottom flask 24/29(250ml), wall thickness 2.5-3mm	Each	40
72	Round bottom flask 24/29(500ml), wall thickness 2.5-3mm	Each	25
73	Round bottom flask, , two neck, 24/29(500ml), wall thickness 2.5-3mm	Each	10
74	Round bottom flask, three neck, 24/29(100ml), wall thickness 2.5-3mm	Each	10
75	Round bottom flask, three neck, 24/29(250ml), wall thickness 2.5-3mm	Each	10
76	Round bottom flask, three neck, 24/29(500ml), wall thickness 2.5-3mm	Each	10
77	Round bottom flask, two neck, 24/29(250ml), wall thickness 2.5-3mm	Each	10
78	Separating funnel,wall thickness 2.25mm	Each	40
79	Spatula (large)	Each	40
80	Spatula (small)	Each	40
81	Specific gravity bottles with lid (25ml)	Each	40
82	spirit lamp	Each	40
83	Stalagmometer, wall thickness 2.25mm	Each	70
84	Syringe for injection	Each	50
85	Test tube stands (plastic)	Each	50
86	Thermometers (110°C)	Each	50
87	Thermometers (360°C)	Each	50
88	TLC Cards	pack	6
89	Teflon-lined autoclave reactor 50ml	Each	1
90	tripod stand	Each	40
91	viscometer, tiime of flow of wtaer should be 50 sec	Each	70
92	Volumetric flask glass (1000ml),wall thickness 2.25mm	Each	30
93	Volumetric flask glass (100ml),wall thickness 2.25mm	Each	30
94	Volumetric flask glass (250ml),wall thickness 2.25mm	Each	30
95	Volumetric flask glass (25ml), wall thickness 2.25mm	Each	30

96	Volumetric flask glass (500ml), wall thickness 2.25mm	Each	20
97	Volumetric flask glass (50ml), wall thickness 2.25mm	Each	30
98	Wash Bottle	Each	30
99	wire gauze	each	30
100	Yellow tips	Pack	1

Department of Zoology

Sr. #	Items	Quantity
1	Ammonium molybdate	500g
2	Arabinoxylan psyllium husk	500g
3	Acetic Acid	2.5lit
4	Absolute alcohol	5lit
5	Acetylthiocholine iodide	5g
6	Acetone	5lit
7	Benzol	5lit
8	Butyrylthiocholine iodide	1g
9	Boric acid	1kg
10	Canada balsam	500ml
11	Citric acid	1kg
12	Copper Sulphate	1kg
13	Chromic oxide	1kg
14	Carboxymethyl Cellulose	1kg
15	Calcium oxide	1kg
16	1,2 Dimethylhydrazine	5g
17	5,5 Dithiobis(2-benzoic acid)	5g
18	Disodium hydrogen phosphate	1kg
19	Di- ethyl ether	2.5lit
20	E-solution	2.5lit
21	1,2,5 xanthobis	5g
22	Ethylene diamine tetra acetic acid	1kg
23	Eosin Stain (Liquid)	500ml
24	Formalin	10lit
25	5-fluorouracil	5g
26	Glacial acetic acid	2.5lit
27	Glycerol	2.5lit
28	Hydrogen peroxide	1lit

29	Hematoxylin stain (Liquid)	500ml
30	Isoflurane (Anesthetics)	250ml
31	Iron Sulphate	1kg
32	Ketamine (Anesthetics)	250ml
33	Low melting point agarose	25g
34	Methyl orange	25g
35	Methanol	10lit
36	Methyl red	25g
37	Methyl Blue	25g
38	Methoxy 2-propanol	1lit
39	Nitric Acid	2.5lit
40	N-butanol	2.5lit
41	Normal melting point agarose	250g
42	Nitroblue Tetrazole	5g
43	Pyridine	2lit
44	Potassium hydroxide	1kg
45	Paraffin Wax	2kg
46	Perchloric acid	1lit
47	Phosphate buffered saline tablet	1pack
48	Potassium Sulphate	1kg
49	Petroleum ether	5lit
50	Phenazine methosulphate	500g
51	Sodium hydroxide	1kg
52	Sodium chloride	1kg
53	Sodium iodide	1kg
54	Sodium 1-octanesulfonate	25g
55	Chlorophyll A	1mg
56	Sodium dihydrogen phosphate	1kg
57	Sulfuric acid 0.1N Ampule	2.5lit
58	Sodium Sulphate	1kg
59	Sodium bisulphite	1kg
61	Sodium alginate	500g
62	Anthroquinophene	1g
63	Sulfosalicylic acid	10g
64	Exonuclease III	10mg
65	Tris Buffer	500ml
66	Tiobarbituric acid	25g

67	Berberine Chloride form	10g
68	Baicalin	1g
69	2,2,5,5 terazelumnitrite	5g
70	Xylene	5lit
71	AST kit	Each
72	ALP Kit	Each
73	ALT Kit	Each
74	TNF-Alfa kit	Each
75	1L-6kit	Each
76	1L-1Beta kit	Each
77	1L-10Kit	Each
78	Glass Burette	5 in No
79	Glass Pipette (5ml)	20 in NO
80	Glass Pipette (10ml)	20 in No
81	Eppendorf (1.5ml)	5pack
82	Eppendorf (2ml)	5pack
83	Steel slide racks	3 in NO
84	Glass Jar (1lit Capacity)	10 in No
85	Frosted Slides	10pack
86	Simple Slides	10pack
87	Large cover Slip	5pack
88	Small Cover slip	5pack
89	EDTA coated blood tubes	5pack
90	Coagulant blood tubes	5pack
91	Plastic bottle (for Organ preservation)	500 in No
92	Nitrile gloves	10 in NO
93	Polythene gloves	20 in No
94	Zip Bags (for organ preservation)	500 in NO

Pharmaceutical Sciences

Sr. No.	Name	Company	Quantity
1	Lactose	Sigma	2 kg
2	Starch	Sigma	2 kg
3	Benzoic acid	Merck	1 kg
4	Sodium benzoate	Sigma	1 kg
5	Ferric hydroxide	Merck	1 kg
6	Sodium hydroxide	Korea	1 kg
7	Salicylic acid	Sigma	2 kg
8	Ether	Korea	3.5 liter
10	Aluminium chloride	Sigma	1 kg
12	Ammonium Carbonate	Sigma	1 kg
14	Zinc oxide	Sigma	2 kg
15	Gelatin	Sigma	1 kg
16	Bentonite	Merck	500 gm
17	Bees wax	Merck	2 kg
18	Castor oil	Merck	2 liter
19	Carbopol	Sigma	500 gm
20	Sorbitol	Sigma	1 liter
21	Ethanol	Sigma	5 liter
23	Acetonitrile	Sigma	4 liter
24	Potassium iodide	Sigma	1 kg
25	Cod liver oil	Merck	2 liter
26	Filter paper sheet	China	1 Pack
27	Nutrient agar	Bioworld	500 gm
28	Sabourud agar	Bio world	500 gm
29	Ferric oxide	Sigma	1 kg
30	Gum acacia	Merck	2 kg
32	Sucrose	Sigma	2 kg
33	Wool fat	Sigma	500 gm
34	Tartaric acid	Merck	2 kg
35	Acetone	Sigma	5 lit
36	Stearic acid	Merck	2 kg
37	Silver nitrate	Sigma	125 g
38	Calcium chloride	Merck	1 kg
39	Citric acid	Sigma	2 kg
40	Dichloromethane	Sigma	2.5 lit
42	Magnesium sulphate	Merck	1 kg
44	Polyethylene glycol 4000	Sigma	1 kg
45	Potassium phosphate monobasic	Korea	1 kg
46	Potassium phosphate dibasic	Sigma	1 kg
47	Sodium alginate	Sigma	1 kg
48	Sodium chloride	Merck	2 kg
50	Tween 80	Sigma	1 liter
51	Span 60	Sigma	500 ml
52	Agar	Bio world	500 gm
54	Thiourea	Sigma	1 kg
55	Hydrochloric acid	Merck	2.5 lit
56	Potassium chloride	Sigma	1 kg
57	Dextrose	Sigma	1 kg
58	Lanolin	Sigma	500 gm
60	Hard paraffin	Merck	1 kg
61	Liquid paraffin	Merck	5 liter
62	Benzyl chloride	Sigma	1 liter
63	Lecithin	Sigma	500 gm

64	Carboxymethyl cellulose	Korea	1 kg
65	Formalin	Sigma	2.5 lit
66	Aloe vera (powder)	Sigma	100 gm
67	Cholesterol	Sigma	100 gm
68	Safranin- O GR	Sigma	25 g
69	ESR Tubes	Sigma/VWR/(BDH)	10
70	WBC Tubes	Sigma/VWR/(BDH)	10
71	Gimsa Stain	Sigma/VWR/(BDH)	2 liter
72	Glass Slides	Sigma/VWR/(BDH)	100
73	Stethoscope	Sigma/VWR/(BDH)	10
74	Science chart for Visual Activity	Sigma/VWR/(BDH)	3
75	Fructose	Sigma/VWR/(BDH)	2 kg
76	Streptozotocin	Sigma/VWR/(BDH)	1 g
77	SDS	Sigma/VWR/(BDH)	500 g
78	CFA	Sigma/VWR/(BDH)	10 ml
79	Albumin from Chiken Egg White	Sigma/VWR/(BDH)	1 g
80	Nicotinamide	Sigma/VWR/(BDH)	100 g
81	H & Estaining	Sigma/VWR/(BDH)	
82	Crystal Voilet Stain	Sigma/VWR/(BDH)	50 g
83	Congo Red	Sigma/VWR/(BDH)	100 g
85	Trizol	Sigma/VWR/(BDH)	100 ml
87	Cetyl Alcohol	Sigma	1 kg
88	Stearyl Alcohol	Sigma	1 kg
89	Methyl Paraben	Merck	1 kg
90	Propyl Paraben	Merck	1 kg
91	Potassium hydroxide	Sigma	1 kg
92	Glycerine	Sigma	5 liter
95	Sodium bicarbonate	Sigma	1 kg
97	Magnesium stearate	Sigma	1 kg
98	Talc	Local	1 kg
99	Dicalcium phosphate	Sigma	1 kg
100	Calcium carbonate	Sigma	1 kg
101	Sodium lauryl sulphate	Korea	1 kg
102	Gum tragacanth	Sigma	2 kg
103	Kaolin	Sigma	1 kg
104	Thymol	Merck	1 kg
105	Boric acid	Merck	1 kg
106	Peppermint oil	Merck	1 liter
107	Methyl salicylate	Merck	2.5 liter
108	Glycerol	Sigma	2.5 liter
109	Amaranth dye	Merck	100 gm
110	Ammonium chloride	Sigma	1 kg
112	Copper sulphate	Merck	2 kg

113	Soft paraffin	Sigma	2 liter
116	Ethyl cellulose	Sigma	1 kg
118	Potassium permanganate	Sigma	1 kg
119	Collidal silicone dioxide	Merck	1 kg
122	Paraffin oil	Sigma	2.5 liter
123	Microcrystalline cellulose	Merck	1 kg
125	Magnesium carbonate	Sigma	2 kg
126	Span 80	Sigma	500 ml
127	White petrolatum	Sigma	2.5 liter
128	Methyl cellulose	VWR	500 gm
130	Phenol	Sigma	1 kg
131	Menthol	Sigma	2.5 Liter
132	Eucalyptus oil	Sigma	1 Liter
138	Arachis oil	Sigma	1 Liter
139	Oleic acid	Merck	1 Liter
140	Turpentine oil	Sigma	1 Liter
141	Aluminum chloride	Sigma	1 Kg
142	Blood pressure apparatus digital	China	each
143	Glucometer	China	each
144	Thermometer digital	China	each
145	Pulse oximeter	China	each
146	Weight machine digital	China	each
147	First aid kit	China	each
148	Disodium hydrogen phosphate	Sigma	1kg
149	EDTA	Sigma	1kg
150	Poly vinylprollidine	Sigma	500g
151	Comassie brilliant blue G 250dye	Sigma	100g
152	haxane	Sigma	2.5liter
153	Sodium acetate	Merck	1 kg
154	Hydrazine	Sigma	1 Liter
155	Dimethyl formamide	Sigma	2.5 liter
156	Toluene	Sigma	2.5 liter
157	Trichloro acetic acid	Merck	500mg
158	Urea	Sigma	1kg
159	Tris HCl	Sigma	100gm
160	Tween 20 sigma	Sigma	500ml
161	N butanol	Merck	2.5 liter
163	DEAE cellulose	Sigma	100g
165	Buffer Tablets	Bioworld	100Tab
166	Biuret reagent	Sigma	1liter
167	Molisch reagent	Sigma	1liter
168	Folincioalteu reagent	Merck	100ml
169	Galacial acetic acid	Sigma	2.5liter
170	Copper turning	Merck	500gm
171	Oxalic acid	Sigma	1 kg
172	Phthalic acid	Merck	500gm
173	Nitric acid	Sigma	2.5 liter
174	Phenol red	Sigma	100gm
176	Alpha naphthol	Sigma	100gm
177	Ammonium hydroxide	Sigma	1kg
178	Dextrin	Sigma	500gm

179	Ferrous sulfate	Sigma	1kg
180	Lactic acid	Sigma	1kg
181	Sodium carbonate	Sigma	1kg
182	Sodium nitroprusside	Sigma	100gm
183	Zinc sulfate	Sigma	1kg
186	Anthranilic acid	Sigma	25 g
187	Casein	sigma	500 g
188	Phenolphthalein	Sigma	100gm
189	Ceric sulfate	sigma	100 g
190	Vanillin	sigma	100 g
191	chloroform	sigma	7.5 liter
192	Methanol	Sure Chem	7.5 liter
193	Ethyl acetate	Sigma	2.5 liter
194	Silver Nitrate	Sigma	50 g

Department of Botany

Sr#	Item Name	Qty
1.	Nitro Blue Tetrazolium	1 g
2.	Riboflavin	25 g
3.	Methionine	25g
4.	di-Potassium hydrogen phosphate (K ₂ HPO ₄)	1 Kg
5.	Potassium dihydrogen phosphate (KH ₂ PO ₄)	1 Kg
6.	H ₂ O ₂	1 ltr
7.	Sulfo-salicylic acid	500 g x 1
8.	Glacial Acetic Acid	2.5 ltr x 2
9.	NaNO ₂	1 Kg
10.	NaOH	1 Kg
11.	AlCl ₃	1 Kg
12.	Methanol	2.5 ltr
13.	Folin-Ciocalteu reagent	500 ml
14.	Na ₂ CO ₃	1 Kg
15.	Thio-barbituric acid	25 g
16.	Trichloroacetic acid	500 g x 2
17.	Potassium iodide	500 g
18.	Perchloric acid	500 ml
19.	Ninhydrin	25 g
20.	L-proline	25 g
21.	Acetone	2.5 ltr x 5
22.	Sulfuric acid (Solvent S)	2.5 ltr
23.	2,4-Dinitrophenylhydrazine	25 g
24.	Thiourea	1 kg
25.	Bovine serum albumin	25 g
26.	Ortho-phosphoric acid	2.5 ltr x 2
27.	Tyrosine	25 g
28.	Anthron Reagent	25 g x 2
29.	Ethanol Analytical	2.5 ltr x 5
30.	Coomassie Brilliant Blue G-250 Dye	25 g
31.	HNO ₃	2.5 ltr
32.	Sodium potassium tartarate	1 Kg

33.	HCl	2.5 ltr
34.	GSH (Glutathione reduced)	5 g
35.	Sodium acetate	1 Kg
36.	5,5-dithio-bis(2-nitrobenzoic acid, DTNB)	5 g x 1
37.	N(1-Naphthyl)-ethylenediamine dihydrochloride	10 g
38.	Hydroxylamine hydrochloride	500 g
39.	Sulfanilamide	100 g
40.	Naphthylamine	25 g
41.	3- diaminobenzidine (DAB)	5 g
42.	1-chloro-2,4-dinitrobenzene (CDNB)	100 g
43.	FeCl ₃	1 Kg
44.	Potassium bromate	100 g
45.	EDTA	1 Kg
46.	3,5, Dinitrosalicylic acid	25 g
47.	Evans blue	1 g
48.	Fuchsin dye	25 g
49.	Phenylalanine	25 g
50.	Amino acid leucine	25 g
51.	PCR master mix	200 rxn
52.	100bp DNA ladder	1 Pack
53.	6x DNA loading Dye	1 Pack
54.	Peptone	500 g
55.	Agar	500 g
56.	NH ₃ PO ₄	1 Kg
57.	Calcium Nitrate CaNO ₃	1 KG
58.	Thiamine	25 g
59.	Charcoal	1 kg
60.	Yeast Extract	500 g
61.	Aniline	25 g
62.	Bisphenol	500 g
63.	(L)-Dehydroascorbic acid	500 mg
64.	Sodium azide (NaN ₃)	25 g
65.	γ-Oryzanol 99%	1 g
66.	β-Sitosterol	25 g
67.	Trypton	500 g
68.	Glycerol	2.5 ltr
69.	NaNO ₃	1 Kg
70.	Lithium Chloride	100 g
71.	Chitosan	25 g
72.	Phytigel	250 g
73.	L-alanine	25 g
74.	L-cysteine	25 g
75.	D (+) glucose	1 Kg
76.	Aloin	5 g
77.	Polyvinylpyrrolidone	500 g
78.	Vinylpyridine	100 ml
79.	Polyethylene glycol 8000	1 Kg
80.	Nicotinic acid (Niacin)	5 g
81.	Na ₂ SeO ₄	25 g
82.	2, 4-Dichlorophenoxy acetic acid	25 g
83.	Kinetin (KIN)	5 g

84.	Allantoin	25 g
85.	Vitamin K ₁ (phytomenadione)	1 g
86.	Sodium pyruvate	25 g
87.	Pyridine	1 ltr
88.	NaAsO ₂	25 g
89.	Potassium nitrate (KNO ₃)	1 Kg
90.	Ammonium acetate	1 Kg
91.	Lanthanum chloride	100 g
92.	Apigenin	5 g
93.	GABA	25 g
94.	BABA	1 g
95.	Sodium nitroprusside	100 g
96.	Tannic acid	1 Kg
97.	Glutamic acid	100 g
98.	Ammonium Nitrate	1 Kg
99.	Calcium Chloride dehydrate	1 Kg
100.	Magnesium sulfate heptahydrate	1 Kg
101.	Boric Acid	1 kG
102.	Cobalt Chloride. 6H ₂ O	500 g
103.	Cupric Sulfate•5H ₂ O	1 kg
104.	Manganese Sulfate•H ₂ O	1 KG
105.	Zinc Sulfate•7H ₂ O	1 Kg
106.	Glycine (Free Base)	500 g
107.	Myo-Inositol	100 g
108.	Pyridoxine•HCl	25 g
109.	Sodium-EDTA.2H ₂ O	1 Kg
110.	Ferrous Sulfate•7H ₂ O	500 g
111.	BAP (benzyl amino purine)	25 g
112.	NAA (naphthalene acetic acid)	100 g
113.	Glass Beaker 50 ml	10
114.	Glass Beaker 100 ml	10
115.	Glass Beaker 250 ml	10
116.	Glass Beaker 500 ml	10
117.	Glass Beaker 1000 ml	10
118.	Conical Flask 50 ml	10
119.	Conical Flask 100 ml	10
120.	Test Tubes 16x 150 Borosilicate Glass	100
121.	Petri Plates Glass	100
122.	Glass Pipette 1 ml	10
123.	Glass Pipette 5 ml	10
124.	Glass Pipette 10 ml	10
125.	Graduated Cylinder 100 ml	10
126.	Graduated Cylinder 250 ml	10
127.	Graduated Cylinder 500 ml	10
128.	Graduated Cylinder 1000 ml	10
129.	Glass Cuvettes	03 Pair
130.	Quartz Cuvettes	03 Pair
131.	Plastic Cuvettes	02 Pack
132.	Glass Funnel 4 Inch	05

Department of Applied Chemistry

	Description	Specification	CAS No.	Packing	Quantity
1	Glycerin Commercial for HT Dyeing	Commercial	Commercial	1 Liter	20
2	Formic Acid	Analytical grade	64-18-6	2.5 liter	2
3	Methanol Commercial	Analytical grade	Commercial	2.5liter	2
4	Ethanol Commercial	Commercial	Commercial	2.5 liter	1
5	Sodium hydroxide	Commercial	1310-73-2	1kg	1
6	Potassium hydroxide	Commercial	1310-58-3	1kg	1
7	Sodium Potassium Tartrate	Analytical grade	304-59-6	1kg	1
8	Ferric Chloride	Analytical grade	7705-08-0	1kg	1
9	Silver Nitrate 99.8 Pure Analytical	Analytical grade	7761-88-8	25g	3
10	Manganese Oxide Analytical Grade	Analytical grade	1344-43-0	100g	1
11	Selenium Dioxide Analytical Grade	Analytical grade	.7446-08-4	100g	1
12	Ethyl Cellulose Analytical Grade	Analytical grade	9004-57-3	500g	1
13	Pectin Analytical Grade	Analytical grade	9000-69-5	250g	1
14	Dichloromethane Analytical Grade	Analytical grade	75-09-2	2.5 liter	4
15	n-hexane Analytical Grade	Analytical grade	110-54-3	2.5 liter	4
16	Silver Nps salts Analytical Grade	Analytical grade	7784-09-0	25g	2
17	Tetra Ethyl Ortho Silicate (TEIS) 98%	Analytical grade	78-10-4	500ml	2
18	Silica Nps Salts Analytical Grade	Analytical grade	7631-86-9	100g	2
19	Sodium Alginate Analytical Grade	Analytical grade	9005-38-3	500g	1
20	Calcium Alginate Analytical Grade	Analytical grade	9005-35-0	500g	1
21	Chitosan Analytical Grade	Analytical grade	9012-76-4	100g	1
22	Carboxymethyl Cellulose	Analytical grade	9004-32-4	100g	1
23	Zinc Nitrate	Analytical grade	10196-18-6	1kg	1
24	Titanium Dioxide	Analytical grade	13463-67-7	500g	1
25	Diisocyanates	Analytical grade	101-68-8	100g	1
26	Carrageenan	Analytical grade	.9000-07-1	100g	1
27	Gelatin	Analytical grade	9000-70-8	1kg	1
28	Glycerol	Analytical grade	56-81-5	1liter	1
29	Cetyltrimethylammonium bromide	Analytical grade	57-09-0	25g	1
30	Polyvinylpyrrolidone	Analytical grade	9003-39-8	100g	1
31	Hydrochloric Acid	Analytical grade	7647-01-0	2.5liter	1
32	Zn NP	Analytical grade	1314-13-2	25g	1
33	CeO ₂ (Cerium Oxide)	Analytical grade	1306-38-3	25g	1
34	Linear Alkyl Benzene	Analytical grade	27176-87-0	2.5liter	1

	Sulfonic Acid				
35	Sulfanilic Acid	Commercial	121-57-3	2.5liter	1
36	Anthranilic Acid	Commercial	118-92-3	25g	1
37	Para Nitro Aniline	Analytical grade	100-01-6	100g	1
38	Benzidine	Analytical grade	92-87-5	25g	1
39	1-Naphthol	Analytical grade	90-15-3	1liter	1
40	2-Naphthol	Analytical grade	135-19-3	1liter	1
41	Acetic Acid	Analytical grade	64-19-7	2.5liter	1
42	Formaldehyde	Analytical grade	50-00-0	2.5liter	1
43	Phenol	Analytical grade	108-95-2	500g	1
44	Con. HCl	Commercial	Commercial	1liter	1
45	Bis-phenol A	Analytical grade	80-05-7	500g	1
46	Phthalic Anhydride	Analytical grade	85-44-9	100g	1
47	Conc. Sulfuric acid	Analytical grade	Commercial	1liter	1
48	Urea	Analytical grade	Commercial	500g	1
49	Gingerol	Analytical grade	23513-14-6	100g	1
50	Acetone	Analytical grade	67-64-1	2.5liter	1
51	Ethyl acetate	Analytical grade	141-78-6	2.5liter	1
52	Hexamethylene diamine	Analytical grade	124-09-4	25g	1
53	Glycerine	Analytical grade	Commercial	25g	1
54	Triton x	Analytical grade	9002-93-1	1 Liter	1
55	NABH4	Analytical grade	16940-66-2	100g	1

Institute of Microbiology

Sr. No.	Item	Brand	U.O.M	Qty
1	Imipenem Discs	Oxide/Equivalent	Each	05
2	Aluminium Foil	Diamond	Each	70
3	Gentamycine Discs	Oxide/Equivalent	Each	05
4	Ceftazimide Disc	Oxide/Equivalent	Each	05
5	Trypsin EDTA	Gibco	100 ml	10
6	DMSO	Sigma	2.5 ltr	01
7	PBS	Gibco	500 ml	01
8	Acetone	Sigma	2.5 ltr	02
9	Latex Gloves	China	Box	20
10	Face Masks	China	Box	10
11	N95 Maks	China	Each	25
12	Filter Tips 10 ul	China	Pack of 96	15
13	Filter Tips 100 ul	China	Pack of 96	15
14	Filter Tips 1000 ul	China	Pack of 96	15
15	Beaker 50 ml	Pyrex	Each	24
16	Beaker 100 ml	Pyrex	Each	24
17	Beaker 250 ml	Pyrex	Each	24
18	Beaker 500 ml	Pyrex	Each	12
19	Conical Flask 100 ml	Pyrex	Each	12
20	Conical Flask 250 ml	Pyrex	Each	12
21	Conical Flask 500 ml	Pyrex	Each	12
22	Conical Flask 1000 ml	Pyrex	Each	12
23	Blue Cap Media Bottle 100 ml	Pyrex	Each	12
24	Blue Cap Media Bottle 250 ml	Pyrex	Each	12
25	Blue Cap Media Bottle 500 ml	Pyrex	Each	12

26	Blue Cap Media Bottle 1000 ml	Pyrex	Each	12
27	Falcon Tubes Rack Multi	China	Each	20
28	Cell Culture Flask 25 cm	China	Pack of 200	03
29	Glass Pipette 10 ml	China	Each	10
30	Glass Pipette 25 ml	China	Each	10
31	Glass Pipette 50 ml	China	Each	10
32	RPMI Media	Gibco	500 ml	03
33	DMEM High Glucose Media	Gibco	500 ml	03
34	Glycerol	Sigma	2.5 ltr	01
35	Ethanol	Sigma	2.5 ltr	04
36	Methanol	Sigma	2.5 ltr	04
37	Glucose	Sigma	1 Kg	02
38	Falcon Tubes 15 ml	ACE	Each	300
39	Falcon Tubes 50 ml	ACE	Each	300
40	Nacl	Sigma	1 Kg	02
41	Kcl	Sigma	1 Kg	01
42	Sodium Phosphate	Sigma	1 Kg	01
43	Phenol Red	Sigma	25 g	01
44	Fetal Bovine Serum	Sigma	500 ml	01
45	Amphotericine B	Gibco	50 ml	02
46	Pencilline Streptomycine	Gibco	100 ml	02
47	Macconkey Agar	Oxide/Equivalent	500gm	03
48	Stap 110 Agar	Oxide/Equivalent	500gm	02
49	Petri Plates Glass	Normax	Each	200
50	Nutrient Agar	Oxoid/Equivalent	500gm	03
51	Nutrient Broth	Oxoid/Equivalent	500gm	03
52	Blood Agar	Oxide/Equivalent	500gm	01
53	CLED Agar	Oxide/Equivalent	500gm	01
54	MRVP Media	Oxide/Equivalent	500gm	01
55	Eppendorf Tubes 1.5 ml	ACE	Pack of 500 Pcs	35
56	ABO Blood Group Set	Diagest	Set	05
57	Manitol Salt Agar	Oxide/Equivalent	500gm	02
58	Stap 110 Agar	Oxide/Equivalent	500gm	02

Department of Food Science

Sr. No.	Item name (Ref. code)	Quantity
1	2,2-Diphenyl-1-picrylhydrazyl (D9132-5G)	1
2	Aflatoxin Mix (CRM46304)	1
3	Apigenin 7-glucoside (44692-5MG-F)	1
4	Ascorbic acid (PHR1008-2G)	1
5	Bradford Reagent (B6916-500ML)	2
6	Catechin (C1251-10G)	1
7	Daidzein (16587-10MG)	1
8	Folic acid (F7876-25G)	1
9	Folin Ciocalteu's phenol reagent (47641-500ML-F)	1
10	Genistein (92136-10MG)	1
11	Glucoponidin chloride (PHL89754-5MG)	1
12	Hesperidin (50162-10MG)	1
13	Kaempferol (96353-10MG)	1
14	Kuromanin chloride (PHL89616-10MG)	1
15	Myrtillin chloride (PHL89627-10MG)	1
16	Naringin (91842-500MG)	1
17	Quercetin (Q4951-100G)	1
18	Riboflavin (47861-1000MG)	1
19	Thiamine pyrophosphate (C8754-25G)	1
20	trans-Caffeic acid (51868-50MG)	1

Department of Bioinformatics & Biotechnology

Sr. No.	Item	Quality/Specification/Grade	U.O.M	Quantity
1	Sodium Chloride	ACS Reagent	1 Kg	1
2	Ethanol (Absolute, 99.9%)	Absolute / Puriss	2.5 ltr	6
3	Acetone	ACS Reagent	2.5 ltr	1
4	Chloroform	ACS Reagent	2.5 ltr	1
5	Tris Base	ACS Reagent	500 g	3
6	Agar	Microbiology Grade	500 g	5
7	Peptone	Microbiology Grade	500 g	2
8	Methanol	HPLC Grade	2.5 ltr	4
9	Sodium Hydroxide (Pallets)	ACS Reagent	1 Kg	1
10	Muller Hinton Agar	Microbiology Grade	500 g	1
11	Muller Hinton Broth	Microbiology Grade	500 g	1
12	Crystal Violet	ACS Reagent / Biological Stain	25 g	1
13	Ammonium Oxalate	ACS Reagent	1Kg	1
14	Iodine	ACS Reagent	100 g	1
15	Propidium Iodide	Molecular Biology Grade	25 mg	1
16	LB Agar	Molecular Biology Grade	500 g	2
17	Anti Sera (ABO)	Diagnostic Grade	Set	1
18	Isopropanol	Molecular Biology Grade	2.5 ltr	2
19	Sodium Carbonate	ACS Reagent	1 Kg	1
20	Lithium Bromide	ACS Reagent	500 g	1
21	Silver Nitrate	ACS Reagent	25 g	1
22	Taq DNA Polymerase Thermo	Molecular Biology Grade	5000 U	1
23	qPcr Master Mix Thermo	Molecular Biology Grade	200 rxn	1
24	PCR Master Mix Thermo	Molecular Biology Reagent	200 rxn	3
25	DNTPs Set 100 mm Solution Thermo	Molecular Biology Grade	4*0.25 ml	1
26	100 bp Ladder (Range: 100 to 3000 bp Thermo)	Molecular Biology Grade	50 ug	1
27	50 bp Ladder (Range: 50 to 1000 bp)	Molecular Biology Grade	50 ug	1

	Thermo)			
28	MS Media (Plant Culture)	Tissue Culture Grade	100 L	1
29	Falcon Tubes 50 ml Sterilized	Cell Culture Grade	Each	300
30	Falcon Tubes 15 ml Sterilized	Cell Culture Grade	Each	600
31	Eppendorf Tubes 1.5 ml	Sterilized, DNase/RNase Free	500/pkg	4
32	Eppendorf Tubes 2 ml	Sterilized, DNase/RNase Free	500/pkg	1
33	Yellow Tips	Sterilized	1000/pkg	8
34	Blue Tips	Sterilized	500/ pkg	5
35	White Tips	Sterilized	1000/ pkg	5
36	5 ml Serological Pipettes	Sterilized cell culture grade	Each	300
37	Cell Culture Flask 75 cm	Sterilized cell culture grade	100/ pkg	1
38	Petri Plates Plastic	Sterilized	500/pkg	2
39	96 well qPCR Plates	Biorad qPCR (CFX 96) compatible	25/pkg	2
40	Cotton Roll Kohinor	Medical Grade	Roll	6
41	Tissue Roll	Laboratory Grade	10/pkg	6
42	96 Well Elisa Plates	Flat Bottom	Each	50
43	Aluminum Foil (Heavy duty)	37.5Sq.ft (8.33YDSx18in)	Each	6
44	Syringes 5 ml	Sterile, Disposable	Each	400
45	Syringes 10 ml	Sterile, Disposable	Each	200
46	Cryo Vials 2 ml, Sterile	DNase/RNase Free	500/pkg	1
47	Latex Gloves Large	Powder Free	100/pkg	7
48	Parafilm Roll	Laboratory Grade	Each	3
49	PCR Tubes 0.2 ml	DNase/RNase Free	1000/pkg	3
50	6 well Plates	Cell Culture grade	50/pkg	2
51	Syringe Filter Nylon 0.22 um Sterilized	Individually Packed	50/pkg	2
52	Ampicillin Sodium Salt	Molecular Biology Grade	25 g	1
53	Ciprofloxacin	Analytical Grade	25 g	1
54	Grams Iodine Set	Analytical Grade	4 x 500 ml	1
55	Carmine Powder	Biological Stain Grade	25 g	1
56	Congo Red	Biological Stain Grade	25 g	1
57	CTAB	Molecular Biology Grade	500 g	1
58	SDS	Molecular Biology Grade	500 g	1
59	Ammonium Acetate	ACS Reagent	1 KG	1
60	Proteinase K	PCR Grade	100 mg	2
61	Isoamyl Alcohol	Molecular Biology Grade	2.5 ltr	1
62	KH ₂ PO ₄	ACS Reagent	1 Kg	1
63	K ₂ HPO ₄	ACS Reagent	1 Kg	1
64	MgSO ₄ .7H ₂ O	ACS Reagent	1 Kg	1
65	Ammonium Sulphate	ACS Reagent	1 Kg	1
66	FeSO ₄	Analytical Grade	1 Kg	1
67	Calcium Chloride	ACS Reagent	1 Kg	1
68	Calcium Nitrate Tetrahydrate	ACS Reagent	1 Kg	1
69	Ammonium Phosphate Monobasic	ACS Reagent	1 Kg	1
70	Metaphosphoric Acid	Analytical Grade	100 g	1
71	Ninhydrin	Analytical Grade	25 g	1
72	Toluene	ACS Reagent	2.5 ltr	1
73	Ascorbic Acid	Analytical Grade	1 Kg	1
74	Thiourea	Analytical Grade	1 Kg	1
75	Dintrophenyl Hydrazine	Analytical Grade	25 G	1
76	FeCl ₃	ACS Reagent	1 kG	1
77	Sodium Phosphate Monobasic	ACS Reagent	1 kG	1
78	H ₂ SO ₄	ACS Reagent	2.5 L	1
79	Petroleum Ether	Analytical Grade	2.5 LTR	1
80	DMEM High Glucose with Glutamax	Cell Culture Grade	500 ml	8

81	DMEM Low Glucose with Glutamax	Cell Culture Grade	500 ml	2
82	FBS	Heat-Inactivated, Cell Culture Grade	500 ml	1
83	Trypsin EDTA	Cell Culture Grade	100 ml	2
84	Pencillin Streptomycine	Cell Culture Grade	100 ml	2
85	Pcr Plates Adhesive Film	qPCR Compatible	100 Pcs	1
86	Gentamicin Sulphate	Cell Culture Grade	5g	1
87	Trizol RNA isolation reagent	Molecular Biology Grade	100ml	1
88	25 cm Cell Culture Flask Sterilized	Sterilized, Tissue Culture Treated	200 Pcs	1
89	cDNA Synthesis Kit Thermo	Molecular Biology Grade	100 Rxn	1
90	Agarose Thermo	Molecular Biology Grade	500 g	1

Department of Physics

Sr. No.	Name of Chemicals/Consumables	Quantity
1	N-Methyl-2-pyrrolidinone (NMP)	2 L
2	2-Methylimidazole (2-MIM /MeIM)	25 g
3	Acetone	9 L
4	Al ₂ (NO) ₃ 9H ₂ O	100 g
5	Aluminum (Al) foil (Dimond)	10 packs
6	Ammonia (35%)	5 L
7	Ammonium Fluoride	500 g
8	APTES (3 Aminopropyle) Triethoxysilane	100 ml
9	Beakers (glass)-25 mL	5 pieces
10	Beakers (glass)-50 mL	10 pieces
11	Beakers (glass)-100 mL	5 pieces
12	Beakers (glass)-250 mL	5 pieces
13	Beakers (glass)-500 ml	25 pieces
14	Beakers (glass)-1000ml	3 pieces
15	Bismuth (Bi) Metal Fine powder	25 g
16	Boric Acid	2 kg
17	Calcium Nitrate Tetrahydrate	500 g
18	Calcium Sulphate (Anhydrous)	1 kg
19	Carbon Black	200 g
20	Carbon cloth (~1-2 mm thickness)	1 Sheet
21	Centrifuge (plastic) Tubes-15 mL	100 pieces
22	Cerium nitrate hexahydrate	25 g
23	Chitosan	20 grams
24	Citric Acid	5 kg
25	Cobalt (II) Nitrate Hexahydrate	01 Kg
26	Cobalt Oxide (Co ₃ O ₄)	50 g
27	Copper Nitrate Trihydrate	100 g
28	Copper Pencil paste	1 piece
29	Copper substrate (US) (~0.05 mm×20mm×1000 mm)	1 Sheet
30	Copper Sulfate Pentahydrate	500 g
31	CTAB (Cetyltrimethylammonium bromide)	100 g
32	Cotton Tissues (wet tissues)	2
33	Crucibles-Al ₂ O ₃ (up to 1200°C)- 25 mL	5 pieces

34	Crucibles-Al ₂ O ₃ (up to 1200°C)- 50 mL	5 pieces
35	Crucibles-Al ₂ O ₃ (up to 1200°C)- 100 mL	4 pieces
36	DI Water	55 L
37	Disposable Gloves	1 box
38	Disposable Syringe 10ml	50 pieces
39	Doxorubicin (DOX)	100 ml
40	Dropper (plastic)-3 mL	50 pieces
41	EC-600 J-D Carbon black	50 g
42	Ethanol	20 L
43	Ethanol (Absolute)	2.5 L
44	Ethylene glycol (EG)	1 L
45	Filter (0.2 micrometer)	1 packet
46	Filter (0.45 micrometer)	1 packet
47	Filter paper-China	05 packets
48	Graphene nanoplatelets (GNP)	1 g
49	Gadolinium Nitrate	25 g
50	Gelatin (MW 50,000 to 150,000)	100 g
51	Glass bottle (with cap)-50 mL	05 pieces
52	Glass Rode	2 pieces
53	Glass Slides	02 packet
54	Gloves Lab use	1 Box
55	Glucose	500 g
56	HCL	1 L
57	Iron (III) Nitrate Nanohydrate	02 Kg
58	Iron(III) chloride hexahydrate	1 Kg
59	Isopropyl Alcohol (IPA)	02 L
60	K ₂ SO ₄	500 g
61	Lead Bromide	100 g
62	Lead Iodide	25 g
63	LiCl	25 g
64	Magnesium Nitrate Hexahydrate	50 g
65	Magnesium Oxide	1 kg
66	Magnetic Beads-3 cm length	5 pieces
67	Magnetic Bit-Half inches	5 pieces
68	Magnetic bits	(01 cm)-10 pieces (02 cm)-10 pieces
69	Manganese (II) Nitrate Hexahydrate	01 Kg
70	Manganese trioxide (Mn ₂ O ₃)	50 g
71	Marbal Grinder Bowl-Mortar and Pestle	2 piece
72	Melamine Powder	100 gm
73	Methyl Ammonium Iodide	5 gm
74	MgNO ₃ .6H ₂ O	600 g
75	MgCl ₂ 6H ₂ O	500 g
76	Mo nitrate Hexahydarte	100 g
77	Molybdenum trioxide	50 g
78	MWCNT	50 g
79	NaCl	500 g
80	NaOH	1 kg

81	Nickel (II) Chloride Hexahydrate	250 g
82	Nickel (II) Nitrate Hexahydrate	200 g
83	Nickel Foam substrates (UK)-1mm thickness	02 Sheet-A4 size
84	Nitrile lab gloves (powder free)-L size	01 Box
85	N-N Methylformamide (DMF)	1 L
86	PAH (poly(allylamine) hydrochloride), Mw ~70 kDa	
87	Petri dish	Glass (Small-60mm)- 20 pieces Glass (Large-100mm)- 20 pieces Plastic (Small-60mm)- 50 pieces Plastic (Large-100mm)-100 pieces
88	PH papers	10 packets
89	Pipette (with nozzles)-1000 uL	01 piece
90	Plastic (cling) rapper-10 cm length	03 packs
91	Polyacrylonitrile (PAN), M.W. 150,000	100 g
92	Polyvinyl Alcohol (PVA) (CAS 9002-89-5)	100 g
93	Potassium Fluoride	250 gm
94	Potassium Hydroxide	1 Kg
95	Potassium Permanganate (KMnO ₄)	50 g
96	Potassium Sulphate	1 kg
97	PSS (poly(sodium 4-styrenesulfonate)), Mw ~70	
98	PVDF	5 g
99	PVP-K30	500 g
100	Rubidium nitrate 99.7 % purity	10 gram
101	Selenium (Se) Fine Powder	25 g
102	Silicon (P type) substrate (~1mm thicknes)	1 wafer
103	Silver Nitrate Hexahydrate (CAS-7761-88-8)	25 g
104	Silver Paste	10 gram
105	Sodium Alginate (CAS-9005-38-3)	50 g
106	Sodium Hydroxide pellets (CAS-1310-73-2)	500 g
107	Swab Sticks (Different Sizes)-5-6 inches length	1 packet
108	Tellurium (Te)	50 g
109	TEOS (tetraethyl orthosilicate)	100 ml
110	Terephthalic Acid (BDC / H ₂ BDC)	25 g
111	Test tube Holders for 5 ml Ependrof	2
112	Thermometer Lab (Alcohol)	3
113	Tin (II) Chloride Dihydarte	100 g
114	Tin (Sn) Metal Fine powder	25 g
115	Tin (IV) chloride 5H ₂ O	25 g
116	Tin Chloride Hexahydrate (CAS-10026-06-9)	100 g
117	Titanium(IV) isopropoxide, TTIP	25 mL
118	Trimesic Acid (BTC-H ₃ BTC)	25 g
119	Tweezer Box high quality Stainless steel	05 boxes
120	Wash bottle Plastic (with nozzle)-500 mL	03 pieces
121	Zinc Nitrate Hexahydrate	01 Kg

122	Zirconium(IV) chloride – ZrCl ₄	25 g
123	Zirconyl chloride-ZrOCl ₂ ·8H ₂ O	25 g
124	Weighing papers (for weight)	500
125	Plastic boats (for weight)	500
126	Towel Cloth Rolls	10
127	Hydrophilic Carbon cloth (Good quality)- 10cmx10cm	2
128	Iron (Fe) sheet (1 mm thickness)-A4 size 01 sheet	1
129	Copper (Cu) sheet (0.05 mm*20 mm*1000 mm thickness)-A4 size 01 sheet	1
130	Silicon wafer (p-type) 1mm thickness 01 wafer	1
131	Nickel (Ni) foam-1mm thickness-A4 size 200mmx300mm, Pi Chem UK	2
132	Oxygen Gas Cylinder	1

