

TENDER DOCUMENT



Procurement of Chemicals, Glassware, Kits, Models etc for University of Sindh for the year 2025-2026

Name of Company / Contractor: _____

Address: _____

Contact No.: (Tel) _____ (Mob) _____

Email: _____

Bank Challan / Demand Draft of Rs. 5,000 (No. _____ Dated: _____)

Tender publishing date	:	10-06-2026
Tender submission Time	:	25-06-2026 11:30 AM
Tender opening date	:	25-06-2026 12:00 PM
Tendering Process	:	SINGLE STAGE – ONE ENVELOPE

Central Scientific Procurement,
Allama I.I. Kazi Campus, University of Sindh, Jamshoro-76080.
Phone No. 022- 9213203 | Email: Incharge.css@usindh.edu.pk

Convener

Member

Member

Member

Member

Member(Ext.)

Member

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1. Introduction

Dear Tenderer

Thank you for the interest you have shown in response to the advertisement of University of Sindh which has been floated on University of Sindh & SPPRA websites for **“Procurement of Chemicals, Glassware, Kits, Models etc for University of Sindh for the year 2025-2026**

The University of Sindh, the oldest University of the country, was constituted under the University of Sindh Act. No. XVII of 1947 passed by the Legislative Assembly of Sindh. The Act was subsequently revised and modified in 1961 and later. The Act of 1972 under which the University is presently functioning provided for greater autonomy and representation of teachers.

We expect to avail services/works/items of high standards meet our prime & basic specifications through this transaction.

Please contact the undersigned for any information and query.

Thank you.

Incharge,
Central Scientific Procurement,
University of Sindh, Jamshoro-76080.

Important Note

1. Tender bids must be submitted electronically through EPADS, any clause in this tender document asking for manual submission must be replaced and read as “through EPADS”
2. Kindly attach a copy of Bid Security with the proposal through EPADS and submit physically at the time of Bid opening.
3. In accordance with the established protocols, if a bid is not reflected in the bid opening list in EPADS, it shall be deemed and treated as a "bid not submitted." Therefore, all participants are advised to verify the inclusion of their submissions in the bid opening list to avoid any misinterpretations regarding their bid status.

2. Instructions

- (a) The University of Sindh (UoS) expects that aspirant manufacturers / firms / supplier / companies / distributors / dealers should furnish all the required documents to ensure a transparent and genuine presentation. Therefore, it is necessary to fill in the Tender Form meticulously and sign & stamp each and every page. Moreover, attach required supporting document according to the requirement.
- (b) It is of utmost important to fill in the Tender Form in writing in ink or type. Do not leave any column/item blank. If you want to leave the item/column un-answered please, write ‘Doesn’t Apply/Doesn’t Arise’. If you need more space please attach a paper & clearly mention item/column name or number etc that referred the column/item of the Tender Form.
- (c) You can collect the Tender Document from the office of the Incharge, Central Scientific Procurement @ Faculty of Engineering & Technology, University of Sindh, Jamshoro-76080 or download from SPPRA EPADs and website of University of Sindh, Jamshoro from **10-06-2026 to 25-06-2026**.
- (d) The last date of submit the Tender Document in EPADs/sealed envelope is **25-06-2026 11:30 am** at the Incharge, Central Scientific Procurement @ Faculty of Engineering & Technology, University of Sindh, Jamshoro-76080. The Tender will be opened **on 25-06-2026 at 12:00 pm** in the presence of representatives who may care to attend while the same be submitted at SPPRA E-PAD System till last date.
- (e) Bid Security of **3%** of total charges will be submitted along with Tender Documents in shape of PAY ORDER / DEMAND DRAFT/Bank Guarantee only in the name of University of Sindh Jamshoro.
- (f) Successful bidder should provide **5% Performance Security** of total value of Purchase Order / Work Order in the form of Pay Order or bank guarantee before submission of invoice. The Performance Security shall extend at least three months beyond the Date of Delivery/Completion of work / Contract.
- (g) Please mention “Tender Number” at top left corner of the envelopes. University of Sindh Jamshoro may reject any bid subject to relevant provision of SPP Rules 2010 (Amended 2019 may cancel the bidding Process at any time prior to acceptance of bid or proposal as per Rule-25(i) of said rules.

Stamp & Signature

3. BIDDING DATA

(a) **Name of Procuring Agency:** Central Scientific Procurement, University of Sindh, Jamshoro.

Brief Description of Works: “Procurement of Chemicals, Glassware, Kits, Models etc for University of Sindh for the year 2025-2026

Procuring Agency’s address:- Incharge, Central Scientific Procurement @ Faculty of Engineering & Technology, University of Sindh, Jamshoro – 76080.

(b) **Amount of Bid Security:-** Bid Security of **Rs. 3%** will be submitted along with Tender Documents in shape of PAY ORDER / DEMAND DRAFT/Bank guarantee only in the name of University of Sindh Jamshoro.

(c) **Period of Bid Validity (days):-** Ninety Days (90).

(d) **Performance Security Deposit:** Successful bidder should provide **5%** Performance Security in the name of University of Sindh Jamshoro of total value of Work Order in the form of Pay Order or bank guarantee before submission of invoice. The Performance Security shall extend at least three months beyond the Date of Delivery/Completion of work / Contract.

(e) **Deadline for Submission of Bids along with time :-** The last date of submit the Tender Document in SPPRA EPADs/ sealed envelope is **25-06-2026 11:30 am** in the **Office Incharge, Central Scientific Procurement @ Faculty of Engineering & Technology**, University of Sindh, Jamshoro-76080 and SPPRA EPAD system. The Tender will be opened on **25-06-2026 12:00 pm** in the presence of representatives who may care to attend.

(f) **Venue, Time, and Date of Bid Opening:** - Tender will be opened on **25-06-2026 12:00 pm** at **Office of the Dean, Faculty of Natural Science**, University of Sindh, Jamshoro-76080

(g) **Time for Completion from written order of commence: - 60 days**

(h) **Liquidated damages:-** 2% liquidated damages of the total amount will be imposed per month for which the contractor failed to complete work within the execution period.

(i) **Deposit Receipt No: Date: Amount:(in words and figures) Pay Order / Demand Draft**

....., **Amount :Rs**.....

Drawn on Ban.....**Dated**.....

Stamp & Signature

4. BIDDER QUALIFICATION CRITERIA (Mandatory Documents)

Arrange the document according to numbering below and fill the columns 2 and 3. Mention each document with file leaf.

Sr.	Mandatory Eligibility Criteria (Attach Supporting Document)	Remarks Yes / No	Page No.
1.	The bidder must be registered supplier on SPPRA EPADS system. Complete Company Profile		
2.	Manufacturers / Firms / Supplier / Companies / Distributors must provide <ul style="list-style-type: none"> • NTN, • Sales Tax Registration Certificate both FBR and / or SRB”, • Active Tax Payer Status certificate, • Professional Tax certificate 		
3.	Financial Statements /Turnover Last 3 years’ Average financial statements/Turn Over minimum 35.0 million <ul style="list-style-type: none"> • Financial statement for last Three Years each year separately • 1st year • 2nd Year • 3rd Year • Bank Certificate 		
4.	Experience Certificate The bidder must have experience of relevant field.		
5.	CNIC of Authorized Official		
6.	Affidavit on Rs.100/ Stamp paper Declaring that the contractors / companies / firms is not currently on the list of blacklisted suppliers by any government/donor agency		

5. Demand / Specification of Material

Note:

- **Do not Change the S.# in Quoted Bids. If you are not quoting any item write NQ instead of deleting.**
- **Do not quote as simply China in specification column, Clearly mention the specification with Make/Origin and must add Boucher with item number on it.**
- **Each Colum must be filled Properly**

S.#	Name of Chemicals	Specification	Required Quantity	Available Packing	Price of Available Packing with GST	Price of Required Quantity with GST
1.	1,10-Phenanthroline	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
2.	12-0-Tetradecanoylphorbol-13-acetate (TPA)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
3.	1-Octadecene	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
4.	2 - Deoxyribose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
5.	2,2-DiPhenyl-Picrylhydrazyl-hydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	20g			
6.	2-Methylimidazole	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
7.	2-Thiobarbituric acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
8.	3,5 - dinitrosalicylic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck	100g			

		or Equivalent				
9.	8-Hydroxyquinoline	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
10.	AAPH(2,2 Azobis (2-methyl propoinamidine)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	20g			
11.	Abcsicic acid (ABA)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10g			
12.	ABTS	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3g			
13.	Acetaldehyde	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
14.	Acetic Acid Glacial	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	35Ltr			
15.	Acetic Anhydride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5L			
16.	Acetone	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	30Ltr			
17.	Acetonitrile	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Ltr			
18.	Acetophenone	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
19.	Acetylacetone	Analytical/ Reagent/Lab Grade, Sigma/Merck	100ml			

		or Equivalent				
20.	Acryl Amide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
21.	Agar agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	8Kg			
22.	Agarose gel	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	200g			
23.	Alloxan monohydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
24.	Alpha Naphthol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
25.	Alumina	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
26.	Aluminum Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
27.	Amies Transport Media	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
28.	Ammonia solution	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
29.	Ammonium Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
30.	Ammonium bi sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck	500g			

		or Equivalent				
31.	Ammonium ceric sulfate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
32.	Ammonium citrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
33.	Ammonium Hydrogen Phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
34.	Ammonium Hydroxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
35.	Ammonium meta vanadate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
36.	Ammonium Molybdate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
37.	Ammonium per sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
38.	Ammonium Phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
39.	Ammonium sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
40.	Amoxicillin Trihydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
41.	Aniline	Analytical/ Reagent/Lab Grade, Sigma/Merck	500ml			

		or Equivalent				
42.	Anti Sera ABD	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5 set			
43.	Anti-human globulin (Comb's) reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5g			
44.	Antimony trichloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
45.	Ascorbic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
46.	Aspartame	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
47.	Auxins	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10 g			
48.	Azo bis isonutrylo nitrile (AIBN)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
49.	Barium Carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
50.	Barium Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
51.	Beef Extract	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Kg			
52.	Benedict's Reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck	100g			

		or Equivalent				
53.	Benzaldehyde	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
54.	Benzoyl chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	02 Ltr			
55.	Benzyl alcohol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 mL			
56.	Bezoylperoxide (BPO)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
57.	Bile salts	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500gm			
58.	Bilirubin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5g			
59.	Bis Acylamide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10g			
60.	Bismuth Carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
61.	Blood group test kit	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1			
62.	Borax	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2kg			
63.	Borex carmin solution	Analytical/ Reagent/Lab Grade, Sigma/Merck	2Kg			

		or Equivalent				
64.	Boric acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2 Kg			
65.	Brain Heart Infusion Agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
66.	Bromine water	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
67.	Bromophenol blue dye	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
68.	BSA	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
69.	Butanal	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5L			
70.	Butylated Hydroxytoulene	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
71.	Butyraldehyde	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
72.	Cadmium Nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
73.	Calcium chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
74.	Calcium Sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck	500g			

		or Equivalent				
75.	Canada Balsam	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
76.	Carbon nanotubes (MWCNT)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
77.	Carbon Tetra chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
78.	Carboxymethyl cellulose sodium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
79.	Carmine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
80.	Carrageenan	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25 g			
81.	Casein soluble	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g x 1			
82.	Castrol Oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10 Ltr			
83.	Cellulose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
84.	Cesium carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
85.	Cesium chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck	25g			

		or Equivalent				
86.	Cetostearyl Alcohol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
87.	Cetrimide agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
88.	Chitosan	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5 Kg			
89.	Chloroform	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	15Ltr			
90.	Chloroform	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500ml			
91.	Chlorohexane	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100mL			
92.	Cholesterol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
93.	Cholic Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25 g			
94.	Citric Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Kg			
95.	Clove Oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 ml			
96.	CMC (Carboxymethyl cellulose)	Analytical/ Reagent/Lab Grade, Sigma/Merck	500 g			

		or Equivalent				
97.	Cobalt Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
98.	Cobalt(II) nitrate hexahydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
99.	Copper (II) acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
100.	Copper Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5Kg			
101.	Copper Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
102.	Copper hydroxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
103.	Copper oxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
104.	Copper sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2Kg			
105.	Copper(II) acetate monohydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
106.	Corn starch	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
107.	C-reactive protein (CRP) reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck	5ml			

		or Equivalent				
108.	Creatinine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
109.	Creatinine test kit	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kit			
110.	Cross carmellose sodium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
111.	Cross povidone	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
112.	Crystalline Phenol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
113.	CTAB: Hexadecyltrimethylammoniu m bromide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
114.	Cyclohexanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
115.	Cyclohexene	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
116.	D-Glucose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	7Kg			
117.	Di Ammonium Hydrogen Phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
118.	Di Chloro Methane	Analytical/ Reagent/Lab Grade, Sigma/Merck	2.5Ltr			

		or Equivalent				
119.	Di Ethyl Ether	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Ltr			
120.	Di methyl sulfoxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500ml			
121.	Di Sodium Hydrogen Phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kg			
122.	Dichloromethane	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
123.	Dichlorophenol Indophenol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
124.	Diclofenac sodium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
125.	Diethyl ether	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
126.	Diethyl pyrocarbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
127.	Dimethyl glyoxime	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
128.	Dinitrosalicylic Acid (DNS)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5 Kg			
129.	disodium hydrogen phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck	500g			

		or Equivalent				
130.	Disodium hydrogen phosphate (H ₂ PO ₄)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3Kg			
131.	DMSO-Dimethyl sulfoxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500ml			
132.	DNA Extract All Reagents Kit	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5			
133.	DPPH(2,2-Diphenyl-1-picrylhydrazyl)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	6g			
134.	Dulbecco's modified Eagle Medium (DMEM)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
135.	EDTA	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
136.	EDTA Vacutainer tubes	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100			
137.	EDTADisodium Salt	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
138.	Egg Yolk Medium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
139.	Ethanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	120Ltr			
140.	Ether	Analytical/ Reagent/Lab Grade, Sigma/Merck	2.5Ltr			

		or Equivalent				
141.	Ethidium bromide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	200g			
142.	Ethyl Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	30Ltr			
143.	Ethyl methane sulphonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
144.	Ethyle ethanesulfonate liquid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5g			
145.	Ethylene Carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
146.	Fast Green Stain	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250 ml			
147.	Ferric Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5Kg			
148.	Ferric hydroxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
149.	Ferrous sulfate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
150.	Flavor (raspberry)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
151.	Fluorine-doped tin oxide coated glass slides	Analytical/ Reagent/Lab Grade, Sigma/Merck	100			

		or Equivalent				
152.	Folin Ciocalteu Reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
153.	Formaldehyde	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
154.	Fructose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5 Kg			
155.	Galic Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
156.	Gelatin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5Kg			
157.	Gibberellin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10g			
158.	Giemsa Stain	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1000 g			
159.	Glacial acetic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
160.	Glacial Acetic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
161.	Glacial acetic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Ltr			
162.	Glutaldehyde	Analytical/ Reagent/Lab Grade, Sigma/Merck	2 Ltr			

		or Equivalent				
163.	Glybenclamide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	05 g			
164.	Glycerin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	22Ltr			
165.	Glycerol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
166.	Glycine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Ltr			
167.	Glycine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
168.	Gram Staining Kit	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3			
169.	Graphine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
170.	Graphite powder	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
171.	Hayem's solution (for RBC count)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
172.	HClO ₄ (Perchloric Acid)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Ltr			
173.	Hex-1-ene	Analytical/ Reagent/Lab Grade, Sigma/Merck	100m			

		or Equivalent				
174.	Hexamethylenetetramine (HMT)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
175.	Hexanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100m			
176.	Hydrochloric acid Conc.	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50Ltr			
177.	Hydrofluoric acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Ltr			
178.	Hydroxyl Ammine Hydro Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
179.	Indophenol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
180.	Iodine (I2)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
181.	Iodine Mono Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
182.	Iron Ammonium Sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
183.	Iso Octane	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
184.	Isoamyle alcohol	Analytical/ Reagent/Lab Grade, Sigma/Merck	500 ml			

		or Equivalent				
185.	Iso-butylalcohol (2-metylpropan-1-ol)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
186.	Isopropanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5 Ltr			
187.	Isopropyl Alcohol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5 Ltr			
188.	Jojoba oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	01 Ltr			
189.	Kaolin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kg			
190.	Lacto Phenol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
191.	Lactophenol Cotton Blue	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
192.	Lactose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
193.	Lead Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
194.	Lead Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
195.	Lead(II) bromide	Analytical/ Reagent/Lab Grade, Sigma/Merck	50g			

		or Equivalent				
196.	Lemon oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2Ltr			
197.	L-Glycine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
198.	Light green	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	200 g			
199.	Lithium Aluminum hydride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
200.	Lithium hexafluorophosphate (LiPF ₆)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
201.	L-Leucin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
202.	MacConkey Agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1500g			
203.	Magnesium carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
204.	Magnesium Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50 g			
205.	Magnesium Oxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
206.	Magnesium Powder	Analytical/ Reagent/Lab Grade, Sigma/Merck	1.5Kg			

		or Equivalent				
207.	Magnesium stearate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
208.	Magnesium Sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
209.	Manganese chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
210.	Manganese(II) acetate tetrahydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
211.	Mannitol Salt Agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
212.	Mannitol Salt Agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g x 2			
213.	Mattose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
214.	m-cresol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
215.	Mercuric sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	600g			
216.	Mercury II acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
217.	Mercury Metal (Hg)	Analytical/ Reagent/Lab Grade, Sigma/Merck	1 kg			

		or Equivalent				
218.	Meta Phosphoric Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
219.	Metformin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10 g			
220.	Methacrylic acid (MAA)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
221.	Methanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50Ltr			
222.	Methyl cellulose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
223.	Methyl methacrylate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
224.	Methyl paraben	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
225.	Methyl red	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25 g			
226.	Methylene blue	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
227.	Microcrystalline Cellulose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
228.	Microscope Slides	Analytical/ Reagent/Lab Grade, Sigma/Merck	20			

		or Equivalent				
229.	Monobasic sodium phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
230.	Muller Hinton agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1000 g			
231.	n – butanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
232.	Napthylene balls	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kg			
233.	n-Butanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3Ltr			
234.	n-Hexane	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
235.	Nickel Chloride.Hexahydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
236.	Ninhydrin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
237.	Nitric Acid Conc.	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	30Ltr			
238.	N-Methyl-2-pyrrolidone (NMP)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100mL			
239.	Nutrient Agar	Analytical/ Reagent/Lab Grade, Sigma/Merck	3Kg			

		or Equivalent				
240.	Nutrient broth	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
241.	Oleic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
242.	Oleylamine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
243.	Olive Oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Ltr			
244.	Oxalic Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
245.	Oxidase test Kit	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1			
246.	P-Anisidine Reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	200ml			
247.	Paracetamol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
248.	Parafin oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	20 Ltr			
249.	Pepsin Enzyme	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
250.	Peptone	Analytical/ Reagent/Lab Grade, Sigma/Merck	5Kg			

		or Equivalent				
251.	Peptone mycological	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
252.	Petrolatum	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2kg			
253.	Petroleum Ether	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	15Ltr			
254.	Phenol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Kg			
255.	Phenol Pethalin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
256.	Phenyl hydrazine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
257.	Phenylalanine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
258.	Phenylhydrazine HCl	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
259.	Phthalimide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
260.	Picric acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
261.	Polvax	Analytical/ Reagent/Lab Grade, Sigma/Merck	1 Kg			

		or Equivalent				
262.	Poly Ethylene Glycol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
263.	Poly vinyl alcohol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
264.	Polyethylene glycol (PEG)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
265.	Polystyrene	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
266.	Polysuccralose/sachharin sodium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
267.	Polyvinyl –polypyrrolidone	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2Kg			
268.	Potassium Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
269.	Potassium bi sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5Kg			
270.	Potassium di-hydrogen phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kg			
271.	Potassium Ferricyanide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
272.	Potassium hydroxide	Analytical/ Reagent/Lab Grade, Sigma/Merck	7Kg			

		or Equivalent				
273.	Potassium Iodide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Kg			
274.	Potassium per sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
275.	Potassium permanganate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3Kg			
276.	Potassium phosphate monobasic	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
277.	Potassium Sodium Phosphate (Mono & Di)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
278.	Potassium Sodium Tartrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
279.	Potassium sulfate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2Kg			
280.	Propranolol HCl	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
281.	Propylene glycol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5 Ltr			
282.	Quercetin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 mg			
283.	Rheumatoid Arthritis factor (RA) reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck	100g			

		or Equivalent				
284.	Rhodamine B	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
285.	Rhodamine Red	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
286.	Rhodium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5g			
287.	RIPA Lysis and Extraction Buffer	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
288.	Rose pink color	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100gm			
289.	Rutin	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 mg			
290.	Rutin hydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5 g			
291.	Sabaroud Dextrose Agar	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
292.	Saffraine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	200 g			
293.	Salicylic Acid (SA)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
294.	Sarkosyl	Analytical/ Reagent/Lab Grade, Sigma/Merck	100 g			

		or Equivalent				
295.	Schiff's Reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
296.	Shea cocoa butter	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
297.	Shellac	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
298.	Silica gel	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
299.	Silica Gel	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
300.	Silicon nanopowder	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
301.	Silver Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
302.	Silver Nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
303.	Silver nitrate (AGNO3)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
304.	Sodium Acetate Anhydrous	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Kg			
305.	Sodium Benzoate	Analytical/ Reagent/Lab Grade, Sigma/Merck	500g			

		or Equivalent				
306.	Sodium Bicarbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5 Kg			
307.	Sodium boro hydride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
308.	Sodium Carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5 Kg			
309.	Sodium Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Kg			
310.	Sodium citrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3kg			
311.	Sodium Dihydrogen Phosphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1.5Kg			
312.	Sodium dodecyl sulfate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
313.	Sodium dodecyl sulfate SDS	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
314.	Sodium Dodecyl Sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
315.	Sodium fluorescein	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25 g			
316.	Sodium Hydroxide	Analytical/ Reagent/Lab Grade, Sigma/Merck	10Kg			

		or Equivalent				
317.	Sodium hypobromide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
318.	Sodium Iodide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kg			
319.	Sodium Lauryl Sulfate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2 kg			
320.	Sodium Molybdate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
321.	Sodium Nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
322.	Sodium Nitrite	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
323.	Sodium nitroprusside	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
324.	Sodium perchlorate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
325.	Sodium Phosphate Dibasic	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
326.	Sodium Phosphate Mono basic	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
327.	Sodium Potassium Tartarate	Analytical/ Reagent/Lab Grade, Sigma/Merck	10 kg			

		or Equivalent				
328.	Sodium starch glycolate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
329.	Sodium Sulphite Na ₂ S	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
330.	Sodium tetraphenylborate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
331.	Sorbitol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
332.	Stained Salmonella antigen	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kit			
333.	Starch	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2kg			
334.	Stearic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
335.	Sucrose	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	6 Kg			
336.	Sulfuric Acid Conc.	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50Ltr			
337.	Talcum powder	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kg			
338.	Tartaric Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck	50g			

		or Equivalent				
339.	t-butyl chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50mL			
340.	Terephthalic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
341.	Tetra ethyl ammonium bromide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
342.	Tetra ethyl ortho-silicate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
343.	Tetrahydrofuran (THF)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2.5Ltr			
344.	Thiobarbituric acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
345.	Thiourea	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
346.	Titanium Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50ml			
347.	Titanium Isopropoxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50ml			
348.	Titanium(IV) isopropoxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
349.	Tri sodium citrate	Analytical/ Reagent/Lab Grade, Sigma/Merck	500 g			

		or Equivalent				
350.	Triazine – 4,4-disulfonic Acid Sodium salt	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1g			
351.	Triazole reagent	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
352.	Tricarboxylic Acid (TCA)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
353.	Trichloro acetic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3Ltr			
354.	Triethanolamine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
355.	Tri-Octyl Phosphine Oxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
356.	Tris	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100 g			
357.	Tris Base	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
358.	Trisma base	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1kg			
359.	Turk's solution (for WBC count)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 ml			
360.	Urea	Analytical/ Reagent/Lab Grade, Sigma/Merck	2Kg			

		or Equivalent				
361.	Uric Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1			
362.	White petroleum jelly	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	20kg			
363.	Wijis Solution	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
364.	X-Gal	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
365.	XLD medium	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500g			
366.	Xylene	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	7Ltr			
367.	Zeel Nelson Stain	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500 g			
368.	Zinc Acetate dihydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2Kg			
369.	Zinc Chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Kg			
370.	Zinc nitrate hexahydrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	2Kg			
371.	Zinc chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck	1Kg			

		or Equivalent				
372.	Zinc sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
373.	Mercuric sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
374.	Hydrogen per oxide 35%	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10 Ltr			
375.	Formalin 37% Solution	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10 Ltr			
376.	Perchloric Acid 60%	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Ltr			
377.	Ortho phosphoric acid 85%	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	3 Ltr			
378.	2.Mercaptoethanol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500ml			
379.	3,5 Dinitrosalicylic acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	25g			
380.	2,6 Di chlorophenol indophenol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5g			
381.	2,6 dichrophenol indophenols	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5g			
382.	3,5 dintrosalicylic acid DNS	Analytical/ Reagent/Lab Grade, Sigma/Merck	100g			

		or Equivalent				
383.	4,4'-Bipyridine	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	50g			
384.	Buffer (pH = 4, 7, 9)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100ml			
385.	Span 20	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
386.	Tween 20	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	500ml			
387.	25 Hydroxy tests vitamin D	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 kit			
388.	Span 80	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1 Ltr			
389.	Tween 80	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
390.	Sephadex G 100	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	100g			
391.	Carbomer (Carbopol 934P)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
392.	Cetomacrogol 1000	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	250g			
393.	Hydroxypropyl methyl cellulose 2000	Analytical/ Reagent/Lab Grade, Sigma/Merck	500g			

		or Equivalent				
394.	Ammonium Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
395.	Ammonium chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
396.	Ammonium nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
397.	Ammonium sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
398.	Barium Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
399.	Barium chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
400.	Barium nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
401.	Barium sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
402.	Carbon tetrachloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
403.	Chloroform	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
404.	Cobaltic Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck	1Kg			

		or Equivalent				
405.	Cobaltic chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
406.	Cobaltic nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
407.	Cobaltic sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
408.	Copper Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
409.	Copper chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
410.	Copper nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
411.	Copper sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
412.	Di-Ethyl Ether	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
413.	Di-chloro Ethane	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
414.	Di-chloro methane	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
415.	Ferric chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck	1Kg			

		or Equivalent				
416.	Ethyl Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
417.	Ferrous Sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
418.	Ferrous Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
419.	Toluene (Analytical Grade)	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
420.	Thio-urea	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
421.	Urea	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
422.	Paraffin oil	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	10Ltr			
423.	Wijs Solution	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Ltr			
424.	Nickel Acetate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
425.	Nickel chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
426.	Nickel nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck	1Kg			

		or Equivalent				
427.	Nickel sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
428.	Nickel iodide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
429.	Oxalic Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
430.	Ortho Phosphoric Acid	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
431.	Potassium iodide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
432.	Potassium dichromate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
433.	Potassium nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
434.	Potassium chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
435.	Potassium sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
436.	Poly Ethylene Glycol	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	5Ltr			
437.	Poly Vinylene Glycol	Analytical/ Reagent/Lab Grade, Sigma/Merck	5Ltr			

		or Equivalent				
438.	Sodium nitrate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
439.	Sodium chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
440.	Sodium carbonate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
441.	Sodium Hydroxide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
442.	Sodium sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
443.	Silver iodide	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
444.	Silver chloride	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			
445.	Silver sulphate	Analytical/ Reagent/Lab Grade, Sigma/Merck or Equivalent	1Kg			

List of Glassware

S.#	Name	Specification	Quantity	Make/Origin Pyrex/Oxide UK or Equivalent	Unit Price with GST	Total Price With GST
446.	24 well plate lid-sterile		12			
447.	96-wel plates		30			
448.	Adjuster	20-200 ul	1			
449.	Adjuster	100 ul-1000 ul	3			
450.	Adjuster	10-100 ul	2			
451.	Adjuster Fix	0.5 ml	1			
452.	Adjuster Fix	1.0 ml	1			
453.	Adjuster tips (Blue tips))	1.0ml	4 Pack			
454.	Adjuster tips (Yellow tips)	100 ul	4 Pack			
455.	Adjusters	1-10ml, etc.	1			
456.	Adjusters with tips	100ul	1			
457.	Adjusters with tips	1000ul	1			
458.	Alcohol Pads (Sprit Swab)	-	3 Pack			
459.	Aluminium foil	-	25 Pack			
460.	Antibiotic dispenser	-	1			
461.	Beaker Glass	1000 ml	100			
462.	Beaker Glass	500 ml	100			
463.	Beaker Glass	250 ml	100			
464.	Beaker Glass	100 ml	100			
465.	Beaker Glass	50 ml	100			
466.	Beaker Glass	250 ml	100			
467.	Beaker plastic	1000 ml	10			
468.	Blotting paper	-	1 Pkt			
469.	Buchner funnel with flask	100mL	5			
470.	Buchner funnel with flask	50mL	5			
471.	Burette rubber		150feet			
472.	Burette with clip	100ml	10			
473.	Burette with lock	50ml	4			
474.	Busen Burner	-	12			
475.	Capsule staining (Bacterial) Kit	-	1			
476.	Cavity Blocks with cover	small size	12			
477.	Cavity slides	5 mm	1 Pack			

478.	Centrifuge Machine	Nil	1			
479.	Centrifuge tube with cap (falcon tube)	15 ml	10 Pack			
480.	Centrifuge tube with cap (falcon tube)	50 ml	10 Pack			
481.	Centrifuge tubes (falcon tubes)	50ml	200			
482.	Centrifuge tubes (falcon tubes)	15ml	200			
483.	China dish	1000 ml	50			
484.	China dish	500ml	50			
485.	China dish	250ml	50			
486.	China dish	100ml	50			
487.	China dish	50ml	50			
488.	Chromatography Chamber (Glass Jar with Lid)	500ml	2			
489.	Combur Test strips	-	50 strips			
490.	Condenser	quick fit (double coil type) 24/29	10			
491.	Conical flask with stopper	500ml	20			
492.	Conical flask Glass	1000ml	100			
493.	Conical flask Glass	500ml	100			
494.	Conical flask Glass	250ml	100			
495.	Conical flask Glass	100ml	100			
496.	Conical flask Glass	1000 ml	100			
497.	Conical flask Glass	50 ml	100			
498.	Conical flask Glass	25 ml	100			
499.	Conical flask with stopper	100ml	50			
500.	Cotton	Large	12			
501.	Cotton	Medium	12			
502.	Cotton Pads	Medium	500g			
503.	Cotton swabs sterile		500			
504.	Cover slip	24/50	116 Pack			
505.	Cover slip	22/22	6 Pack			
506.	Cover slip	Large Size	7 Pack			
507.	Cover slip rounded	8 mm	4 Pack			
508.	Cover Slips	18mm	4 Pack			
509.	Crucible with cap	30ml	10			
510.	Cuvette	Plastic	10 Pair			
511.	Cuvette (Pair)	Quartz	2 Pair			
512.	Densometer		1			
513.	Desicator Glass	Medium	7			

514.	Disecting box	----	12			
515.	Disposable syringe	5cc	5 pack			
516.	Disposable syringe 1 cc	1cc	5 pack			
517.	Distill head with thermometer holder	Quick fit 24/29	10			
518.	Distillation assembly Steel	10 Ltr	2			
519.	Droppers Bottles	100ml	40			
520.	Dropper Plastic	Universal	100			
521.	Dropping Bottle	125ml	15			
522.	EDTA bottles	-	50			
523.	EDTA vacutainer	-	2 Pack			
524.	Eppendorf tips	1000µl	1000			
525.	Eppendorf pipette	100-1000µl	6			
526.	Eppendorf Tubes Plastic body	0.5ml	3000			
527.	Eppendorf Tubes Plastic body	1.5ml	3000			
528.	Eppendrof tube	2 ml	1000			
529.	Eyepiece Ocular	-	1			
530.	Falcon Tubes 15 ml	15ml	100			
531.	Falcon Tubes (10 ml)	10 ml	100			
532.	Falcon Tubes (50 ml)	50ml	100			
533.	Filter Paper (round) whatmann	42	12			
534.	Filter Paper (round) whatmann	40	5			
535.	Filter paper Sheets		70 Pack			
536.	Forceps (thumb)	5.5 inches	12			
537.	Fraction Collector Tubes	5ml	25			
538.	Fractionating column	quick fit 24/29	10			
539.	Funnel Glass	Large	150			
540.	Funnel Glass	Medium	150			
541.	Funnel Glass	Small	150			
542.	Glass Column for Gel chromatography	34 inch	1			
543.	Glass Distillation Apparatus (Still, condenser and receiver)	500ml	4			
544.	Glass Droppers		12			
545.	Glass Reagent flasks with screw caps for autoclave	1000 ml	10			

546.	Glass rod	8 inch	100			
547.	Glass slide for microscopes	-	35 Pack			
548.	Glass spreader	-	10 Nos			
549.	Glass test tube	16x100 mm	500			
550.	Glass vials with yellow cover	2 inch transparent	500			
551.	Glavous	Latex/Nitrile	1 pack			
552.	Graduated cryogenic tubes	2ml	5 pack			
553.	Gram Staining Kit	-	3			
554.	Heating mental	-	1			
555.	High performance Digital micropipette	0-100 μ L	1			
556.	High performance Digital micropipette	100-1000 μ L	1			
557.	High performance Digital micropipette	10-100 μ L	1			
558.	Histology Slides	Carolina or Equivalent	100			
559.	Histology Slides	-	100			
560.	Insect cages	Plastic	4			
561.	Insect hand net	Local	20			
562.	Insect pins	Black Tempered	12 Pack			
563.	Jet for burette	Plastic	50			
564.	Latex hand gloves (powder free)	large size	24 pack			
565.	Latex hand gloves (powder free)	small size	24 pack			
566.	Latex hand gloves (powder free)	Medium size	24 pack			
567.	Litmus paper	Blue / Red (Booklet)	2			
568.	Magnetic beads	3 inch	20			
569.	Magnetic stirrer capsules	2 inch	5			
570.	Magnetic stirrer capsules	1 inch	10			
571.	Magnifying Glass	-	3			
572.	Measurement cylinder Glass	1000 ml	200			
573.	Measurement cylinder Glass	500 ml	200			
574.	Measurement cylinder Glass	250 ml	200			
575.	Measurement cylinder Glass	100ml	200			
576.	Measurement	50ml	200			

	cylinder Glass					
577.	Measurement cylinder Glass	25ml	100			
578.	Measurement cylinder Glass	10ml	100			
579.	Measuring cylinder plastic	500ml	10			
580.	Measuring cylinder plastic	100ml	10			
581.	Measuring cylinder plastic	50ml	10			
582.	Micro pipettes	Yellow (100µl)	10			
583.	Micro pipettes	Blue (1000µl)	10			
584.	Micro Pipettes Tips	P-100	1000			
585.	Micro Pipettes Tips	P-20	1000			
586.	Micro Pipettes Tips	P-10	1000			
587.	Micro Pipettes Tubes (1.5 microliter)	1.5µL	1000			
588.	Motor and pestle	Medium size	10			
589.	Oral feeding tube (guage) for Rat curved end	16Gx50mm	3			
590.	Oral feeding tube (guage) for Rat curved end stainless steels	16Gx76mm	3			
591.	Oral feeding tube (guage) stainless steel curved end (For mice)	20Gx38mm	3			
592.	Oral feeding tube (guage) stainless steel curved end (For mice)	22Gx22mm	3			
593.	Oral feeding tube (guage) stainless steel curved end (For Rat)	18Gx50mm	3			
594.	Parafilm tape roll	-	2			
595.	PCR tubes (0.2 ml)	0.2ml	4 Pack			
596.	PCR-Cooler Tube Rack	(0.2 to 0.5)	2			
597.	Permanent slides Meosis	-	1 Pack			
598.	Permanent slides Cladophora (Algae)	-	1 Pack			
599.	Permanent slides Mitosis (Onion-Genetics)	-	1 Pack			

600.	Permanent slides of any 10 species of fungi	-	1 Pack			
601.	Permanent slides Spirogyra (Algae-Phycology)	-	1 Pack			
602.	Petri Dish with cover dishes Glass (Pair)	100mm	500			
603.	Petri Dish with cover dishes Glass (Pair)	90 mm	200			
604.	Petri Dish with cover dishes Glass (Pair)	60mm	100			
605.	Petri Dish with cover dishes Glass (Pair)	50mm	400			
606.	Petri Dish with cover dishes Glass (Pair)	40 mm	100			
607.	Petri Dishes in Plastic Sterilized	100mm	20 Pack			
608.	Pipettes Graduated Glass	10ml	80			
609.	Pipettes Graduated Glass	5ml	80			
610.	Pipettes Graduated Glass	1ml	80			
611.	Pipettes sucker	Nil	80			
612.	Pipettes filler 10ml	10ml	70			
613.	Pipette pump wheel type (plastic body)	For 2 ml pipette	6			
614.	Pi-pump	10ml	10			
615.	Plain Slides		12 Pack			
616.	Prepared slides for mitosis and meiosis	Mitosis / Meiosis (Set)	1			
617.	Prepared slides of human cell/ plant cell	Human / Plant Cells	2			
618.	Prinking needles	-	4 Pack			
619.	PVDF Membrane For western blot	-	1 roll			
620.	Reagent bottles	200 ml	12			
621.	Reagent bottles glass brown	100ml	15			
622.	Reagent bottles glass brown	250ml	15			
623.	Reagent bottles glass brown	50ml	10			
624.	Receiving adapter	quick fit 24/29	10			
625.	Receiving flask	quick fit 24/29	10			
626.	Round bottom flask	500ml	4			
627.	Sample Tubes with screw cape	Screw Cap (Universal)	100			

628.	Scissor for dissection Sharp & blunt stainless steel , surgical grade	5.5-6 inch, (14-15 CM)	12			
629.	Sensitizer MIC plates	-	1			
630.	Separating Funnel	1Ltr	10			
631.	Separating Funnel	500ml	40			
632.	Separating funnel	250ml	20			
633.	Separating Funnel	100ml	20			
634.	Separatory funnel quick fit 24/29	50ml	5			
635.	Separatory funnel quick fit 24/29	100 mL	5			
636.	Serum Bottles Small	-	500			
637.	Sintered glass funnel	-	10			
638.	Snap tube rack	2 ml	6			
639.	Soxhlation assembly apparatus. 250ml	250ml (Complete Set)	3			
640.	Soxhlet Apparatus	-	1			
641.	Spatula steel	Steel	50			
642.	Stretching Boards	-	12			
643.	Surgical Gloves	-	16 Pack			
644.	Syringe filters	0.22 UM, 0.45UM, Nylon,	4 pkt			
645.	Syringe glass	5ml	1			
646.	Test tube Glass	16x150mm	300			
647.	Test tube Glass	20ml	50			
648.	Test tube Glass	15ml				
649.	Test tube Glass	30ml	100			
650.	Test Tube Holder	-	25			
651.	Test tube rack plastic	Small	5			
652.	Test tube rack plastic	Medium	7			
653.	Test tube rack steel	Medium	7			
654.	Test tube rack steel	Small	5			
655.	Test tube with cap Culture Tube	20ml	48			
656.	Thermometer	Upto 300C	6			
657.	Three necked flat bottom flask quick fit 24/29	50mL	5			
658.	Three necked flat bottom flask quick fit 24/29	100mL	5			

659.	TLC Plates	Silica Gel 60F254, 20×20 cm,	1 Pack			
660.	TLC Plates 20 x 20	Silica Gel (Aluminium/Glass back)	2 Pack			
661.	TLC Tank with Lid (Glass)	Standard	1			
662.	Two necked flat bottom flask 24/29	50mL	3			
663.	Two necked flat bottom flask 24/29	100ml	3			
664.	Volumetric Flask Glass	1000ml	200			
665.	Volumetric Flask Glass	500ml	200			
666.	Volumetric Flask Glass	250ml	200			
667.	Volumetric Flask Glass	100ml	200			
668.	Volumetric Flask Glass	50ml	200			
669.	Volumetric Flask Glass	25ml	200			
670.	Volumetric Flask Glass	10ml	200			
671.	Volumetric Flask Glass	5ml	200			
672.	Washing bottles	Plastic	10			
673.	Watch class	3x3	100			
674.	Whitetips	p-20	2 Pack			
675.	Wire gauze	Nil	120			
676.	Wire loop sterilizer		1			
677.	Wire loops (Local)	Nil	50			
678.	Yellow tips (p200)		5 pack			

List of Models

S.#	Item	Required Quantity	Unit price with GST	Total Price with GST	Make/Origin
679.	Snellen Chart	4			
680.	Human Skeleton Model Half Size with Movable & Removable Parts 85 cm	1			
681.	Cervical Vertebra Arteria Spine Spinal Nerves Anatomical Model Anatomy for Science Classroom Study Display Teaching Medical Model	1			

682.	NANLIY- 1.5 Times Human Ear Anatomy Model Showing Organs Structure of the Central and External Ears Teaching Supplies	1			
683.	Complete Human Head and Neck Anatomy Model with Superficial Muscles and Vasculature	1			
684.	Epithelial tissue, Squamous	2			
685.	Epithelial tissue, Cuboidal	2			
686.	Epithelial tissue, Columnar	2			
687.	Connective tissue, Adipose	2			
688.	Connective tissue, Cartilage	2			
689.	Connective tissue, Bone	2			
690.	Connective tissue, Blood	2			
691.	Nervous tissues, Neuron	2			
692.	Muscle tissue, Skeletal	2			
693.	Muscle tissue, Smooth	2			
694.	Muscle tissue, Cardiac	2			
695.	Euglena, Whole mount	2			
696.	Plasmodium, Whole mount	2			
697.	Trypanosoma, Whole mount	2			
698.	Entamoeba, Whole mount	2			
699.	Paramecium, Whole mount	2			
700.	Amoeba, Whole mount	2			
701.	Thyroid gland(Transverse Section)	2			
702.	Pancreas (Transverse Section)	2			
703.	Ovary(Transverse Section)	2			
704.	Testis(Transverse Section)	2			
705.	Complete human skeleton model	1			
706.	Complete vertebral column model	1			
707.	Skull Model	1			
708.	Clavicle Model	1			
709.	Scapula Model	1			
710.	Humerus Model	1			
711.	Radius Model	1			
712.	Ulna Model	1			
713.	Carpel bone Model	1			
714.	Hand model Model	1			
715.	Hip bone Model	1			
716.	Femur Model	1			
717.	Patella Model	1			

718.	Tibia Model	1			
719.	Fibula Model	1			
720.	Foot model	1			
721.	Brain model	1			
722.	Spinal cord model	1			
723.	Heart model	1			
724.	Lungs model	1			
725.	Kidney bone	1			
726.	Liver model	1			
727.	Traction unit	1			
728.	Deluxe life-size Human Skeleton Coloured 170 CM tall with Enthesis of Muscles ATL-02	1			
729.	Human Skeleton life-size (Male)180CM tall ATL-01	2			
730.	Human Skeleton with heart & blood vessels ATL-06 Medium-size 85CM tall	1			
731.	Human Skeleton (Dis-articulated) life-size170 CM ATL-08 tall	3			
732.	Male Muscle Figure with Internal Organs (Soft) ALT-10	1			
733.	Model of Human Torso Male 85CM with organs (18parts) hard organs ATL-14	1			
734.	Advanced Model of Human Torso (Tri-Sex) 85 CM (21parts) Soft organs ATL-19	1			
735.	Baby Obstruction Model (soft) ATL-29	1			
736.	Median section of Female Pelvis (soft) ATL-66	1			
737.	Median section of Male Pelvis (soft) ATL-67	1			
738.	Muscular Model of Head and Neck with vessels, ATL-122	1			
739.	Muscle of Leg with main Vessels & Nerves(Soft) ATL-124	1			
740.	Nerves and Brain (19Parts) Soft Muscle of Arm with main Vessels & Nerves (Soft) ATL-123				
741.	Adult Female Pelvis ATL-173	2			

742.	Giant Human Eye ATL-188	1			
743.	Human Liver, Pancreas & Duodenum ATL-201	1			
744.	Model of Adult Skull Life-size coloured Bones ATL-212	2			
745.	Model of Life-size fetal Skull ATL-213	1			
746.	Life-Size Human Vertebral Column with Pelvis (Flexible) ATL-217	1			
747.	Life-Size Functional Human Shoulder joint ATL-219	1			
748.	Life-Size Functional Human Hip joint ATL-220	1			
749.	Life-Size Functional Human Knee joint ATL-221	1			
750.	Life-Size Functional Human Elbow joint ATL-222	1			
751.	Life-Size Functional Human Foot joint ATL-223	1			
752.	Life-Size Functional Human Hand joint ATL-224	1			

Total Amount Rupees (in words) _____

Stamp & Signature

6. Bid Evaluation Criteria

S.#	Point of Evaluation	Evaluation Criteria	Remarks	Page No
1.	Technical Specifications:	<ul style="list-style-type: none"> • Compliance with required specifications for each chemical/Glassware/kit etc item • Purity, Durability 	Must Add Boucher/s with clear indications of parameters given in column 2	
2.	Pricing:	<ul style="list-style-type: none"> • Competitive pricing of the item/s • Value for money in terms of features and quality 	Mention in Items Demand Section	
3.	Warranty and After-sales Support	<ul style="list-style-type: none"> • Length and coverage of warranty offered by the supplier • Availability and responsiveness of after-sales technical support 	Add warranty and after sales technical support certificate on bidder`s letterhead for each item.	
4.	Delivery Schedule:	<ul style="list-style-type: none"> • Ability to meet the required delivery timeline 	Mention on letterhead	

7. Criterion Formula

Evaluation Criteria	Marks
Technical Specifications	40
Pricing	40
Warranty and After-sales Support	10
Delivery Schedule	10

The evaluation criteria outlined above, shall be used as the basis for assessing the bids. The formula which incorporates the assigned marks for each criterion, will be utilized to calculate the total scores for each bid. The formula ensures a comprehensive and objective evaluation process, taking into consideration the relative importance of each criterion as determined by the assigned Marks.

By adhering to this evaluation process, the University aims to facilitate a fair and transparent assessment of the bids, enabling the selection of the most advantageous bid that best meets the requirements and priorities of the procurement project.

Stamp & Signature

8. TERMS & CONDITIONS

The following terms of the supply are agreed by the manufacturer / supplier / distributor / firms or companies:

- (i) **Receiving / Acceptance of Purchase/Work Order:** The manufacturers / supplier / distributor will sign the copy of the Purchase/Work Order as acknowledgement.
- (ii) **Delivery Challan:** Copies of Delivery Challan on which the Order number, date of delivery execution, quantity, quality, specs, manufacturer name clearly mentioned. Non-compliance with this condition renders the goods liable to non-acceptance. After seven days, University of Sindh will not be responsible for any claim(s) / responsibility.
- (iii) **Place of Delivery:** As specified in the Purchase/Work Order unless otherwise informed accordingly.
- (iv) **Delayed Delivery:** 2% liquidated damages of the total amount will be imposed per month for which the company/firm/agency failed to deliver within the delivery/execution period and maximum upto 10%.
- (v) **Inspection:** Physical inspection will be carried out by University of Sindh authority. Ordered material is subject to final inspection at the time of delivery.
- (vi) **Quantity Delivered:** Competent Authority reserves the right to change/alter/remove any item or article or reduce/enhance quantity without assigning any reason and contractor will abide the instruction.
- (vii) **Condition of Goods:** All items must meet in all respects with the specs & conditions of the Order and must be in good condition otherwise they will be liable to reject.
- (viii) **Delivery of Goods:** All the items must be delivered to the concerned institute/dept. via office of the Procurement of the University of Sindh who will sign the receipt with stamp on delivery note.
- (ix) **Rejection of Goods:** We reserve the right to cancel any or all the items if material is not in accordance with our specification or if the delivery is delayed.
- (x) **Sub-letting:** No sub-letting in any case and form will be acceptable.
- (xi) **Termination:** That upon termination of this agreement the service provider shall be permitted to remove all its devices and equipment which may have been placed at premises from the time to time.
- (xii) **Submission of Invoices:** Invoice / Bill should be submitted to Central Scientific Procurement, University of Sindh, Jamshoro.
- (xiii) **Advance Payment:** Advance Payment subject to Bank Guarantee.
- (xiv) **Validity of Bid:** Validity is for ninety (90) days.
- (xv) **Company Profile:** Company Profile be attached with this document.
- (xvi) **Rules, Regulations & Policies:** All rules, regulations and policies will be governed in accordance to the SPPRA.
- (xvii) **Price / Rate:** must be quoted on Tender Form only and submitted EPADs /in sealed envelope in PKR.
- (xviii) **General Sales Tax:** will be paid on applicable items only by the company/firm/agency.
- (xix) **Bid Security:** 3% Bid Security should be deposited along with the tender form in shape of PAY ORDER / DEMAND DRAFT Bank guarantee only in the name of University of Sindh, Jamshoro.

- (xx) **Arbitration:** In case of any dispute, difference or and question which may at any time arise between the parties hereto or any person under them, arising out in respect of this letter of intent or this subject matter thereof shall be referred to the Registrar of the University of Sindh Jamshoro and CEO of the company / firm / agency for arbitration/settling of the dispute, failing which the decision of the court law in the jurisdiction of Jamshoro binding to the parties.
- (xxi) **Performance Security:** Successful bidder should provide **5%** Performance Security of total value of Work Order in the form of Pay Order or bank guarantee before submission of invoice. The Performance Security shall extend at least three months beyond the Date of Delivery/Completion of work / Contract / Warranty, whichever is longest.
- (xxii) **Government tax(es), levi(es) and charges(s):** It will be charged at actual as per Govt. of Pakistan.
- (xxiii) **Rights:** University of Sindh reserve the right to accept or reject any or all tender(s) or terminate proceedings at any stage in accordance to the rules & regulations framed by SPPRA. University of Sindh, also reserve the right to issue Purchase Order / Work Order for any single items to different lowest responsive bidders or issue Purchase Order / Work Order for all the items to any lowest responsive bidder.
- (xxiv) **Tender Document:** Tender Document available at the Office of the **Incharge, Central Scientific Procurement @ Faculty of Engineering & Technology**, University of Sindh, Jamshoro-76080.
- (xxv) **Discourage Child Labor:** All staff must have CNIC and clearly mentioned to discourage work through child labor.
- (xxvi) **Environmental Friendly Procedure:** Supplier / Manufacturer / Distributor must ensure Environmental Friendly procedure of manufacturing and avoid the use of Toxic material.
- (xxvii) **Submission of Tender:** Last date for submission is **25-06-2026 11:30 am**
- (xxviii) **Opening of Tender:** Tender will be opened **25-06-2026 12:00 pm Office of the Dean, Faculty of Natural Science**, University of Sindh, Jamshoro-76080.
- (xxix) **Government tax(es), levi(es) and charges(s):** All Government taxes (including Income tax and stamp duty), levies and charges will be charged as per applicable rates / denomination of Purchase Order.
- (xxix) **Stamp Duty: 0.35%** against total value of Work Order will be levied accordingly.
- (xxx) **Currency:** All currency in the proposal shall be quoted in Pakistan Rupees (PKR).
- (xxxi) **Active Tax Payer:** Manufacturers / Firms / Supplier / Companies / Distributors shall maintain its status as an active/filer taxpayer with taxation authorities while rendering services to University of Sindh , Jamshoro .
- (xxxii) **Delivery Time:** The items should be delivered within one week from the date of acceptance of Purchase Order.
- (xxxiii) **Installation and Demonstration of Equipment Supplies.**
- a). **Installation**
- i) After inspection and taking over of the Equipment if required the **Supplier / Contractor shall install** those items of Equipment which are to be permanently positioned in place in the premises of the Central Scientific Procurement / University. For this purpose, the Supplier / Contractor shall co- ordinate with the Incharge, Central Scientific

Procurement, Sindh University, for making arrangements for the Hardware needed for the installation.

- ii) The cost of hardware for such installation shall be borne by the Supplier / Contractor as per contract. The Supplier / Contractor shall provide, along with his offer, the details of the hardware needed for each item of the Equipment separately. The technical and other personnel needed for installation of the Equipment shall be provided by the Supplier / Contractor at his cost. The entire cost of installation, configuration, application except that of the needed hardware, shall be borne by the Supplier / Contractor.

b) Demonstration

- i) After installation of the Equipment, the complete working of each item of Equipment for the purpose of performing the intended Laboratory experiments, testing of specimens and recording of the test results etc., shall be demonstrated fully to the designated staff of the University by the Supplier / Contractor or his technical personnel.

- i) The entire **cost**, including the T.A. / D.A. of the personnel involved in the demonstration, shall be **borne by the Supplier / Contractor**.

c) Completion Certificate

After completion of the installation and demonstration, as stated above, a certificate is to be obtained by the Supplier / Contractor from the concerned Institute/Department stating that the Equipment (item-wise) have been satisfactorily installed and demonstrated by the Supplier / Contractor.

(xxxiv) Extension of Time

If the completion of the Contract is delayed due to reason beyond the control of the Supplier / Contractor, the Supplier / Contractor shall without delay request Professor Incharge, Central Scientific Store / University, in writing, of his **claim** for an extension of time. Central Scientific Store / University on receipt of such request may agree to **extend the completion date** as may be reasonable in the circumstances of the case but without prejudice to other terms and conditions of the Contract.

(xxxv) Non-compliance & black listing: In the event of non-compliance with the terms and conditions stipulated in the bidding document and as described in the Sindh Public Procurement Rules 2010 (amended 2021), appropriate action will be taken in accordance with the provisions outlined in the "Regulations for Blacklisting of Regulations for Blacklisting of Bidder, Contractores, Supplier and Consultants, 2023

Stamp & Signature

9. Integrity Pact

Declaration of Charges, Fees, Commission, Taxes, Levies etc payable by the manufacturer/supplier/distributor works;

M/s _____, the manufacturers/
companies / distributor / firm hereby declare that:

- (a) Its intention not to obtain the procurement work of any Contract, right, interest, privilege, or other obligation or benefit from the University of Sindh or any administrative or financial offices thereof or any other department under the control of the University of Sindh through any corrupt practice(s).
- (b) Without limiting the generality of the forgoing the manufacturers / companies / distributor / firm represents and warrants that it has fully declared the charges, fees, commission, taxes, levies etc, paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within the University of Sindh directly or indirectly through any means any commission, gratification, bribe, gifts, kickback whether described as consultation fee or otherwise, with the object of obtaining or including the procurement or service contract or order or other obligations whatsoever from the University of Sindh , except that which has been expressly declared pursuant hereto.
- (c) The manufacturers / companies / distributor / firm accepts full responsibility and strict liability for making any false declaration/statement, not making full disclosure, misrepresenting facts or taking any action likely to degrade the purpose of declaration, representation and warranty. It agrees that any contract/order obtained aforesaid shall without prejudice to any other right & remedies available to the University of Sindh under any law, contract, or other instrument, be stand void at the discretion of the University of Sindh .
- (d) Notwithstanding any right and remedies exercised by the University of Sindh in this regard, manufacturers / companies / distributor / firm agrees to indemnify the University of Sindh for any loss or damage incurred by it on account of its corrupt business practice & further pay compensation to the University of Sindh in any amount equivalent to the loss of any commission, gratification, bribe, gifts, kickback given by the manufacturers / companies / distributor / firm as aforesaid for the purpose of obtaining or inducing procurement/work/service or other obligation or benefit in whatsoever from the University of Sindh .

Note: This integrity pact is mandatory requirement other than auxiliary services / works.

Stamp & Signature

It is hereby certified that the terms and conditions have been read, agreed upon and signed.

M/s _____

Contact Person _____

Address _____

Tel # _____ Fax _____

Mobile _____ email _____

SIGNATURE & STAMP