



**OFFICE OF THE REGISTRAR
NORTH LAKHIMPUR UNIVERSITY**

P.O.- KHELMATI – 787031, North Lakhimpur , Assam

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Ref. NLU/V.E/25/207

Date : 27-09-2025

NOTICE FOR VENDOR EMPANELMENT

Sealed quotation affixing non-refundable court fees stamps of Rs. 8.25 (Rupees eight and paise twenty five) only are invited for vendor empanelment from the intending firms for supplying of **LABORATORY ITEMS** for the period October 2025 – March 2026 to be submitted within 21 days (during office hours) of publication of this advertisement on the North Lakhimpur University website (www.nlc.ac.in). The sealed quotations received by this office will be opened on the next working day after the last day of receipt of quotations at 10 am in presence of intending quotationers. No quotation will be accepted after the prescribed time.

Terms and conditions:

1. All quotations must be accompanied by Rs. 5000.00 (Rupees Five Thousand) only as earnest money in the form of call deposit from any nationalized bank duly pledged in favour of the undersigned.
2. All quotationers will have to furnish the following documents duly self-attested by the authorized personnel of the firm(s) along with their quotations failing which their quotations will be treated as invalid.
 - i) GST Registration Certificate /Up to date GST return
 - ii) Copy of PAN Card
 - iii) Firm Registration Certificate
 - iv) Any document mentioning experience of providing services to educational institutions (supply/ work experience in colleges and universities preferred)
3. The quotation must be written in ink or duly typed on their own pad. Any correction in the quotation should invariably bear dated signature of the quotationer.
4. The successful quotationer will have to furnish security deposit of Rs 10,000.00 (Rupees ten thousand) only in the form of call deposit of any nationalized bank duly pledged in favour of

the undersigned. In the event of withdrawal of the quotation or failure of the contract terms & conditions during the prescribed period, the security money will be forfeited.

5. The annual turnover of the firm(s) should be above Rs. 10,00,000.00 (ten lakh) only.
6. The successful quotationer will have to supply articles at the office of the undersigned at his own arrangement in full and good condition on receipt of the proper order indent duly signed by an authorized officer of the university.
7. The quotation cover should be subscribed as "Quotation for Supplying of LABORATORY ITEMS for the period October 2025 – March 2026".
8. The articles to be supplied must be of superior quality to the satisfaction of the undersigned.
9. The earnest money deposited along with quotation will be released after finalization of the contract.
10. The undersigned is not bound to accept the lowest rates and reserves the right to reject any or all quotations without assigning any reason thereof.



Registrar

North Lakhimpur University
REGISTRAR
North Lakhimpur University
Lakhimpur, Assam

Memo. NLU/VE/25/207

Date: 27-09-2025

Copy to:

- 1) The DIPRO, Lakhimpur, for information and with a request for wide publicity
- 2) Website Co-ordinator, for necessary action to upload the document in the university website
- 3) The PA to the Hon'ble Vice-Chancellor, for kind appraisal of the Hon'ble Vice-Chancellor
- 4) Notice Board of the office of The Registrar, North Lakhimpur University
- 5) Guard File



Registrar

North Lakhimpur University
REGISTRAR
North Lakhimpur University
Lakhimpur, Assam

Name of the category of materials: LABORATORY ITEMS

List of Items to be supplied

Sl.	Name of Item	Unit in which Rate to be Quoted	Rate quoted (in INR)
1	Metal film resistors (0.25 W, Through hole) • 47 Ω • 100 Ω • 220Ω • 330 Ω • 470 Ω • 1 kΩ • 2.2 kΩ • 3.3 kΩ • 4.7 kΩ • 5.6 kΩ • 10 kΩ • 47 kΩ • 330 kΩ • 1 MΩ	Per pack of 50 pcs.	
2	Ceramic capacitor-102	Per Pack of 50 pcs.	
3	Ceramic capacitor-103	Per Pack of 50 pcs.	
4	Ceramic capacitor-104	Per Pack of 50 pcs.	
5	Electrolytic Capacitor- 1 uF, 25V	Per No.	
6	Electrolytic Capacitor- 2 uF, 25V	Per No.	
7	Electrolytic Capacitor- 10 uF, 25V	Per No.	
8	Electrolytic Capacitor- 47 uF, 25V	Per No.	
9	Electrolytic Capacitor- 100 uF, 25V	Per No.	
10	Electrolytic Capacitor- 470 uF, 25V	Per No.	
11	Electrolytic Capacitor- 1000 uF, 25V	Per No.	
12	NE555 Timer IC	Per No.	
13	LM741 IC	Per No.	



14	7400 IC	Per No.	
15	7402 IC	Per No.	
16	7404 IC	Per No.	
17	7408 IC	Per No.	
18	7432 IC	Per No.	
19	7411 IC	Per No.	
20	7474 IC	Per No.	
21	7486 IC	Per No.	
22	74266 IC	Per No.	
23	74151 IC	Per No.	
24	74138 IC	Per No.	
25	7476 IC	Per No.	
26	CD4017 IC	Per No.	
27	ULN2003 (Motor Driver)	Per No.	
28	2P4M (400V,2A) SCR	Per No.	
29	IRFZ44N (Power MOSFET)	Per No.	
30	TIIP35C (NPN Power Transistor)	Per No.	
31	BT136 (TRIAC)	Per No.	
32	DB3 (DIAC)	Per No.	
33	2N2646 (UJT)	Per No.	
34	J112 (JFET)	Per No.	
35	1N4007 (PN Diode)	Per No.	
36	1N4744A (Zener Diode)	Per No.	
37	1N4735A (Zener Diode)	Per No.	
38	1N4738A (Zener Diode)	Per No.	
39	BC547 (NPN Transistor)	Per No.	

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40	BC557 (PNP Transistor)	Per No.	
41	LM7805 (+5V regulator)	Per No.	
42	LM7809 (9V regulator)	Per No.	
43	LM7812 (+12V regulator)	Per No.	
44	LM7905 (-5V regulator)	Per No.	
45	LM7912 (-12V regulator)	Per No.	
46	NTC10D-25 (NTC Thermistor)	Per No.	
47	BC10R (PTC Thermistor)	Per No.	
48	Piezo Ceramic sensor (35mm)	Per No.	
49	Single core breadboard jumper wire	Per mtr.	
50	HDSP-5503 (7 segment common cathode)	Per No.	
51	74LS48 (Common cathode BCD to 7-segment driver)	Per No.	
52	Bread board LED (10 mm)	Per No.	
53	Digital Multimeter (Themisto brand)	Per No.	
54	Bread Board (>800 points)	Per No.	
55	Male-to-Male Jumper	Per pack of 20 pcs.	
56	Male-to-Female Jumper	Per pack of 20 pcs.	
57	Female-to-Female Jumper	Per pack of 20 pcs.	
58	MCB 10A	Per No.	
59	MCB 32A	Per No.	
60	Flexible Copper Wire	Per mtr.	
61	Wire Stripper	Per No.	
62	Soldering Iron (15W)	Per No.	
63	Solder Coil	Per mtr.	
64	Solder Paste	Per 10 g	



65	Arduino Uno with cable	Per No.	
66	Raspberry Pi Pico with cable	Per No.	
67	Stepper Motor (28Ybj-48)	Per No.	
68	Chlorpyrifos (LC ₅₀)	Per 100 mg	
69	Tetrasodium pyrophosphate (Na ₄ P ₂ O ₇)	Per kg	
70	Phenazine methosulfate (PMS)	Per g	
71	Nicotinamide adenine dinucleotide (NADH)	Per kg	
72	Monosodium phosphate (NaH ₂ PO ₄)	Per kg	
73	Disodium phosphate (Na ₂ HPO ₄)	Per kg	
74	Hydrogen peroxide (H ₂ O ₂)	Per ltr.	
75	Thiobarbituric acid (TBA)	Per 10 gm	
76	Pyridine (C ₅ H ₅ N)	Per ltr.	
77	May-Grünwald stain	Per 125 ml	
78	Sodium Chloride Anhydrous (NaCl)	Per kg	
79	Potassium dihydrous phosphate (KH ₂ PO ₄)	Per kg	
80	Disodium hydrogen phosphate (K ₂ HPO ₄)	Per kg	
81	Glycine (C ₅ H ₅ NO ₂)	Per kg	
82	Sodium citrate (Na ₃ C ₆ H ₅ O ₇)	Per kg	
83	Methanol	Per ltr.	
84	Triton X-100	Per 100 ml	
85	3,5-Dinitrosalicylic acid (DNS)	Per 50 gm	
86	Carboxymethyl cellulose	Per kg	
87	BAPNA (N-α-benzyl-DL-arginine-p-nitroanilide)	Per 5 g	
88	Casein	Per 25 gm	
89	Glycine-HCl	Per 25 gm	

Ans

90	p-Nitrophenyl palmitate (pNPP)	Per g	
91	p-Nitrophenyl butyrate (pNPB)	Per g	
92	p-Nitrophenol (pNP)	Per 50 g	
93	GOD/POD (Glucose-oxidase Peroxidase) KIT	Per CAP	
94	Phenylmethylsulphonyl fluoride (PMSF)	Per g	
95	Mueller Hinton Agar (MHA)	Per 50 g	
96	Blank sterile disc	Per 25 disc	
97	Sterile Swabs stick	Per pkt of 25 nos.	
98	Ethanol	Per tr.	
99	Blood grouping reagent	Per kit	
100	Anthrone reagent	Per 5 g	
101	Xylene	Per ltr.	
102	Bouins	Per ltr.	
103	Haemotoxylin (Dalaphin)	Per ltr.	
104	Eosin	Per ltr.	
105	Acetocarmine	Per 50 ml	
106	Haemocytometer	Per No.	
107	Choloroform	Per ltr.	
108	Anhydrous sodium sulphate (Na ₂ SO ₄)	Per kg	
109	Liquid Nitrogen refilling	Per ltr.	
110	Potassium hydrogen phosphate	Per kg	
111	Glacial Acetic Acid	Per ltr.	
112	Methanol	Per ltr.	

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113	Rnase A	Per ml	
114	Sodium Acetate	Per kg	
115	50 X TE	Per ltr.	
116	50 X TAE	Per ltr.	
117	6X gel loading dye	Per ml	
118	Ethidium Bromide	Per 10 ml	
119	DNA Ladder	Per 500 µl	
120	Forward and Reverse Primers	Per ml	
121	dNTPs	Per ml	
122	Agarose	Per 50g	
123	Indole 3-Acetic Acid	Per 5g	
124	Indole 3-Butyric Acid	Per 5g	
125	6-Benzyl Amino Purine	Per 5g	
126	NAPTHELENE ACETIC ACID	Per 25 g	
127	Heller Medium	Per 25g	
128	Rectified Spirit	Per ltr.	
129	Trolox	Per ltr.	
130	Perchloric Acid	Per ltr.	
131	Bovine Serum Albumin (BSA)	Per ml	
132	TPTZ (2,4,6-TRIPYRIDYL S-TRIOZINE	Per ml	
133	Phenolphthallin	Per ml	
134	Aluminium Nitrate	Per g	
135	Ascorbic Acid	Per ml	



136	Phosphomolybdate Reagent	Per 250 ml	
137	Ammonium Molybdate	Per ml	
138	RUTIN	Per ml	
139	Muslin Cloth	Per mtr.	
140	Ethanol	Per ltr.	
141	Cotton Roll (Non-Adsorbent)	Per mtr./ kg	
142	Methanol	Per ltr.	
143	Mercuric Chloride	Per ml	
144	Sodium Hexametaphosphate	Per g	
145	Copper Sulphate	Per g	
146	Selenium Powder	Per g	
147	Sodium Sulphate	Per g	
148	Sodium Hydroxide Pellet	Per g	
149	Bromocresol Green	Per ml	
150	Methyl Red	Per ml	
151	Potassium Dichromate	Per g	
152	Ferrous Ammonium Sulphate	Per g	
153	Diphenyl Amine Indicator	Per g	
154	Orthophosphoric Acid	Per ml	
155	Stannous Chloride	Per g	
156	K ₂ HPO ₄	Per g	
157	Ammonium Acetate	Per g	
158	Nutrient Agar	Per g	

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159	Nutrient Broth	Per g	
160	Clove Oil	Per ml	
161	Iodine Solution	Per ml	
162	Filter Paper	Per pkt. of 100	
163	Tissue Paper	Per pkt. of 100	
164	Acetone	Per ml	
165	Butanol	Per ml	
166	Bennedicts Reagent	Per ml	
167	MS Media	Per ml	
168	Standards of Sodium and Potassium	Per g/ml	
169	Chloroamine T	Per g	
170	Streptomycin Sulphate	Per g	
171	Dextrose	Per g	
172	AGAR	Per g	
173	Tetracyclin	Per g	
174	Potassium Penicilium G	Per g	
175	Sucrose	Per g	
176	PVLG (Polyvinyle Alcohol Lacto Glycerine)	Per g	
177	PVLG-M (Polyvinyle Alcohol Lacto Glycerine With Meltzer Reagent)	Per g	
178	SUCROSE GRADIENT	Per g/ml	
179	Ganong's Potometer	Per No.	
180	Petridishes Medium Sized	Per No.	
181	Petridishes Small Sized	Per No.	

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182	Hydrometer	Per No.	
183	Zinc Granulated Glass Beads	Per No.	
184	Volumetric Flask 50 ml	Per No.	
185	Conical Flask 250 ml	Per No.	
186	Beaker 250 ml	Per No.	
187	Measuring Cylinder (50ml, 100ml)	Per No.	
188	Eppendorf Tube 1.5 ml	Per No.	
189	Thimble for Soxlet Extraction	Per pkt. of 50	
190	Scalpel (Blade Holder)	Per No.	
191	Tarson-Accupipet 030010 T-10	Per No.	
192	Tarson-Accupipet Variable volume Pipett	Per No.	
193	Tarson-Accupipet 030030 T-100	Per No.	
194	Tarson-Accupipet 030020 T-20	Per No.	
195	Tarson-Accupipet 0301000	Per No.	
196	Scalpel	Per No.	
197	Watch Glass	Per No.	
198	Eppendorf Tube 1 ml	Per No.	
199	A Set of Sieves (500, 400, 250, 100, 25 μ m)	Per No.	
200	Integrated Circuits (ICs) a) NE-555 Timer IC (b) LM741 IC (c) 7400 IC (d) 7402 IC (e) 7404 IC (f) 7408 IC (g) 7432 IC (h) 7411 IC (i) 7474 IC (j) 7486 IC (k) 74266 IC (l) 74151 IC (m) 74138 IC (n) 7476 IC (o) CD4017 IC	Per Pc	
201	ULN2003 (Motor Driver)	Per Pc	

202	Digital Signal Oscilloscope	Per Pc	
203	Dual Power Supply	Per Pc	
204	Signal Generator	Per Pc	
205	2P4M (400V,2A) SCR	Per Pc	
206	IRFZ44N (Power MOSFET)	Per Pc	
207	TIIP35C (NPN Power Transistor)	Per Pc	
208	BT136 (TRIAC)	Per Pc	
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234	Female-to-Female Jumper	Per Pack of 20 Pcs	
235	MCB 10A	Per Pc	
236	MCB 32A	Per Pc	
237	Flexible Copper Wire	Per mtr.	
238	Wire Stripper	Per Pc	
239	Soldering Iron (15W)	Per Pc	
240	Solder Coil	Per mtr.	
241	Solder Paste	Per Pc	
242	Arduino Uno with cable	Per Pc	
243	Raspberry Pi Pico with cable	Per Pc	
244	Stepper Motor (28Ybj-48)	Per Pc	
245	Silver Nitrate (Grade I, Laboratory use)	Per g	
246	Double distilled water	Per ltr.	
247	Wattman filter paper (No. 1)	Per Pkt. of 100	



248	Tissue paper	Per pkt. of 100	
249	Ethanol	Per ltr.	
250	Magnetic stirrer with heater	Per Pc	
251	Digital balance	Per Pc	
252	Centrifuge tube	Per Pc	
253	DMSO Purity $\geq 99.0\%$, density 1.099-1.101, water $\leq 0.2\%$ M= 78.13 g/mol	Per ltr.	
254	Amber Coloured bottle Capacity 1 lit	Per Pc	
255	1,10-Phenanthroline	Per 100 g	
256	1,2-Dichlorobenzene	Per tr.	
257	1,4-Dichlorobenzene	Per 500 g	
258	1,4-Dioxane	Per 500 ml	
259	1,5-Diphenylcarbazide	Per 25 g	
260	1-Butanesulfonicacidsodiumsalt, anhydrous	Per 25 g	
261	1-Hexaneulfonicacidsodiumsalt, anhydrous	Per 25 g	
262	1-Naphthol	Per 100 g	
263	1-Octanol	Per 500 ml	
264	2,4-Dinitrophenylhydrazine	Per 25 g	
265	2-Butanol(2-butylalcohol)	Per 2.5 ltr.	
266	2-Ethoxyethanol	Per 500 ml	
267	2-Methoxyethanol	Per 500 ml	
268	2-Naphthol	Per 500 g	
269	4-Aminoantipyrine	Per 100 g	

270	Amino acid Kit	Per pkt. of 20	
271	Acetamide	Per 500g	
272	Acetanilide	Per 500g	
273	Aceticacid,glacial	Per ltr.	
274	Acetyl chloride	Per 500 ml	
275	Acetone	Per 500 ml	
276	Acetonitrile	Per 500 ml	
277	Acrylamide	Per 500 g	
278	Agaragar (bacteriologicalgrade)	Per 250 g	
279	Aluminumammoniumsulfate	Per 500 g	
280	Aluminumchloride, anhydrous	Per 250 g	
281	Aluminium metal	Per 500 g	
282	Aluminium powder	Per 500 g	
283	Aluminumnitrate,nonahydrate	Per 500 g	
284	Aluminumoxide,active (basic)	Per 500 g	
285	Aluminumoxide,active (neutral)	Per 500 g	
286	Aluminumsulfate,hexadecahydrate	Per 500 g	
287	Ammonia buffer solution	Per 500 ml	
288	Ammonia solution	Per 500 ml	
289	Ammoniumacetate	Per 500 g	
290	Ammoniumbicarbonate	Per 500 g	
291	Ammoniumbifluoride	Per 500g	
292	Ammoniumcarbonate	Per 500g	

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293	Ammonium ceric sulfate dihydrate	Per 100g	
294	Ammonium ceric nitrate	Per 100g	
295	Ammonium chloride	Per 500g	
296	Ammonium dihydrogen ortho phosphate (ammonium phosphate monobasic)	Per 500g	
297	Ammonium fluoride	Per 500g	
298	Ammoniumformate	Per 250g	
299	Ammonium molybdatetetrahydrate	Per 100g	
300	Ammonium oxalate	Per 500g	
301	Ammonium bifluoride	Per 500g	
302	Ammonium oxide active (basic)	Per 500g	
303	Ammoniumsulfate	Per 500g	
304	Ammonium thiocyanate	Per 500g	
305	Ammonium ferric sulphate	Per 500g	
306	Ammonium Nickel sulphate	Per 500g	
307	Ammonium Ferrous Sulphate	Per 500g	
308	Ammonium purpurate	Per 500g	
309	3-amino-benzoic acid	Per 100g	
310	Anthranilic acid	Per 100g	
311	Anthracene powder	Per 100g	
312	Aniline	Per 500ml	
313	Anisole	Per 500ml	
314	Ascorbic acid	Per 100g	
315	Bariumcarbonate	Per 500g	

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316	Bariumchloridedihydrate	Per 500g	
317	Barium nitrate	Per 500g	
318	Benedict's solution (qualitative)	Per ltr.	
319	Benzaldehyde	Per ltr.	
320	Benzene	Per ltr.	
321	Benzoin	Per 100g	
322	Benzilic Acid	Per 250g	
323	Benzil	Per 250g	
324	Benzoic acid	Per 500g	
325	Benzamide	Per 500g	
326	Benzoylchloride	Per ltr.	
327	Benzyl alcohol	Per ltr.	
328	Benzylchloride	Per ltr.	
329	Borax	Per kg	
330	Bovine Albumin	Per 5g	
331	Boric acid powder	Per kg	
332	Bromine	Per 100 ml	
333	Bromine water	Per ltr.	
334	Tert-Butanol	Per kg	
335	n-butanol	Per ltr.	
336	Bromocresol green indicator solution	Per 125ml	
337	Buffer tablets, pH4	Per 20 tablets	
338	Buffer tablets, pH7	Per 20 tablets	

339	Buffer tablets, pH9.2	Per 20 tablets	
340	Buffer tablets, pH 10	Per 20 tablets	
341	Cadmium nitrate, tetrahydrate	Per 100g	
342	Calcium sulphate anhydrous	Per kg	
343	Cadmium chloride	Per 100g	
344	Cadmium carbonate	Per 100g	
345	Caffeine	Per 100g	
346	DL-Camphor	Per 100g	
347	Calcium acetate	Per kg	
348	Calcium carbonate	Per kg	
349	Calcium chloride (fused)	Per kg	
350	Calcium chloride, dihydrate	Per kg	
351	Calcium nitrate tetrahydrate	Per kg	
352	Calcium phosphate dibasic	Per kg	
353	Carbon tetrachloride	Per ltr.	
354	Cetyltrimethylammonium bromide	Per kg	
355	Charcoal (activated)	Per kg	
356	Chlorobenzene	Per ltr.	
357	Chloroform	Per 2.5 ltr.	
358	Chloroacetic acid	Per kg	
359	4-chlorobenzoic acid	Per kg	
360	2-chlorobenzoic acid	Per kg	
361	Copper borate	Per kg	

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362	Chromium(VI)oxide (chromium trioxide)	Per kg	
363	Cinnamic acid	Per kg	
364	Citric acid, anhydrous	Per kg	
365	Cobaltous chloride	Per 100g	
366	Cobaltous sulphate	Per kg	
367	Cobaltous nitrate	Per 100g	
368	Congo red indicator powder	Per 5 g	
369	Copper metal	Per kg	
370	Copper oxide	Per kg	
371	Copperoxide	Per kg	
372	Copper sulfate. pentahydrate	Per kg	
373	Copper sulfate	Per kg	
374	Cobalt Chloride	Per 250g	
375	Cobalt Carbonate	Per 250g	
376	Copper iodide	Per 250g	
377	Chlorobenzene	Per ltr.	
378	Cresolredindicatorpowder	Per 5 g	
379	Crystalviolet indicator solution	Per 125 ml	
380	Cupric acetate	Per 250g	
381	Cupriccarbonate	Per kg	
382	Cupric chloride	Per kg	
383	Cupricnitrate	Per kg	
384	Cupricsulfate,5-hydrate(copper(II) sulfate)	Per kg	

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385	Cuprous chloride	Per kg	
386	Cuprous chloride	Per kg	
387	Cyclohexane	Per ltr.	
388	Cyclohexanone	Per ltr.	
389	Dextrose, anhydrous	Per kg	
390	Dextrose anhydrous GR	Per kg	
391	D-Fructose	Per kg	
392	d-Glucose	Per kg	
393	Dichloromethane	Per ltr.	
394	Diethylether	Per ltr.	
395	Diethylamine	Per ltr.	
396	Diethyleneglycol	Per ltr.	
397	Dimethylsulfoxide	Per ltr.	
398	Diphenylamine	Per 250g	
399	Disodiumtartrate	Per kg	
400	Dolomite	Per 100g	
401	Dimethyl glyoxime	Per 100g	
402	Disodium hydrogen o-phosphate anhydrous	Per kg	
403	2,4-Dinitrophenyl hydrazine	Per 25 mg	
404	N,N-Dimethyl Aniline	Per ltr.	
405	EDTA solution, M/10	Per ltr.	
406	Eosin stain solution	Per 125ml	
407	Eosin, yellowish (water soluble)	Per 25g	

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408	Eosin, yellowish (water soluble)	Per 100g	
409	Eriochrome black T metal indicator powder	Per 25g	
410	Ethyl acetate	Per ltr.	
411	Ethyl methyl ketone	Per ltr.	
412	Ethylene glycol	Per ltr.	
413	Ethylenediaminetetraacetic acid (EDTA)	Per 100g	
414	Ethylene diamine	Per 10g	
415	EDTA disodium salt	Per kg	
416	Ethanol	Per ltr.	
417	Fehling's solution A	Per ltr.	
418	Fehling's solution B	Per ltr.	
419	Ferric ammonium sulfate, dodecahydrate	Per kg	
420	Ferric chloride, anhydrous	Per kg	
421	Ferric nitrate	Per kg	
422	Ferroun indicator solution	Per 100ml	
423	Ferrous ammonium sulfate, hexahydrate	Per kg	
424	Ferrous sulfate, heptahydrate	Per kg	
425	Ferrous sulfide sticks	Per kg	
426	Formaldehyde solution, 37 - 41% w/v	Per ltr.	
427	Formamide	Per ltr.	
428	Formalin	Per ltr.	
429	Formic acid, 90%	Per ltr.	
430	Fumaric acid	Per kg	

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431	Furfuraldehyde	Per ltr.	
432	Glycerol	Per ltr.	
433	Glycine	Per kg	
434	Hexane (mixture of isomers)	Per ltr.	
435	Hexane (mixture of isomers)	Per ltr.	
436	Hydrazinehydrate,80%	Per ltr.	
437	Hydrazine sulfate	Per 100g	
438	Hydrochloric acid	Per ltr.	
439			
440			
441	Hydroxylamine Hydrochloride	Per kg	
442	Hydrogenperoxide,30%	Per ltr.	
443	Hexamin powder	Per 100g	
444	Imidazole	Per 100g	
445	Iodine	Per 100g	
446	Iodine	Per kg	
447	Iodine monochloride	Per 100 g	
448	Iodine solution, N/10	6 amp	
449	Isobutyl alcohol	Per ltr.	
450	Lactic acid	Per ltr.	
451	Lead acetate, trihydrate	Per kg	
452	Lead nitrate	Per kg	
453	Lead oxide	Per kg	
454	Litmus blue solution	Per ltr.	

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455	Litmus indicator paper—blue	Per book of 50	
456	Litmus indicator paper—red	Per book of 50	
457	L-Hydroxy praline	Per kg	
458	Magnesium chloride	Per kg	
459	Magnesiumnitrate	Per kg	
460	Magnesium sulfate, heptahydrate	Per kg	
461	Magnesium sulfate, monohydrate	Per kg	
462	Magnesium sulphate extra pure	Per kg	
463	Malachite green oxalate	Per 25g	
464	Manganese dioxide	Per kg	
465	Manganese sulphate monohydrate	Per kg	
466	Manganese Nitrate	Per kg	
467	Manganese dioxide	Per kg	
468	Menthol	Per 100g	
469	Mercuriacetate	Per 100g	
470	Mercuric chloride	Per 250g	
471	Mercuri cnitrate	Per 100g	
472	Mercuric sulfate	Per 100g	
473	Methanol	Per ltr.	
474	Methanol	Per ltr.	
475	Methyl acetate	Per 500 ml	
476	Methyl orange indicator powder	Per 25 g	
477	Methyl orange indicator solution	Per 125 ml	



478	Methyl red indicator powder	Per 25 g	
479	Methyl red indicator solution	Per 100 ml	
480	Methyl violet indicator powder	Per 100 ml	
481	Methylene blue stain powder	Per 100 ml	
482	Methylene blue stain solution (alkaline)	Per 100 ml	
483	Methylene blue stain solution (aqueous)	Per 100 ml	
484	Molecular sieve, 3A×1.5mm	Per 250 g	
485	Molecular sieve, 4A×1.5×3 mm	Per kg	
486	Molecular sieve, 4A×3mm	Per 250 g	
487	N,N-Dimethylaniline	Per ltr.	
488	N,N-Dimethylformamide	Per ltr.	
489	n-Butylacetate	Per ltr.	
490	Nessler's reagent	Per 100 ml	
491	Neutral red indicator powder	Per 25 g	
492	n-Hexane 99%+	Per ltr.	
493	n-Hexane 99%+	Per ltr.	
494	Nickel aluminum alloy	Per kg	
495	Nickel carbonate	Per kg	
496	Nickel chloride	Per kg	
497	Nickel nitrate	Per kg	
498	Nickel sulfate	Per kg	
499	Ninhydrin	Per 10 g	
500	Ninhydrin	Per 25 g	

501	Ninhydrin solution	Per 100 ml	
502	Nitric acid	Per ltr.	
503	Nitrobenzene	Per ltr.	
504	Naphthalene	Per kg	
505	o-Cresol	Per ltr.	
506	o-nitrophenol	Per kg	
507	m-nitrophenol	Per kg	
508	p-nitrophenol	Per kg	
509	Orthophosphoricacid	Per ltr.	
510	Oxalicacid,dihydrate	Per kg	
511	o-Xylene	Per ltr.	
512	Patton and Readers	Per 100 g	
513	Potassium pyrosulphate	Per kg	
514	Palladium(II)chloride	Per g	
515	Periodic acid	25 g	
516	Phenol	Per kg	
517	Phenol red indicator solution	Per 100 ml	
518	Phenolphthalein	Per 100 ml	
519	Phosphorous pentachloride	Per kg	
520	Polyethylene glycol 400	Per ltr.	
521	Potassium bromide (for infrared spectroscopy)	Per 100 g	
522	Potassium carbonate, anhydrous	Per kg	
523	Potassium dichromate	Per kg	

524	Potassium ferricyanide	Per kg	
525	Potassium ferrocyanide	Per kg	
526	Potassium hydroxide flakes	Per kg	
527	Potassium hydroxide pellets	Per kg	
528	Potassium iodide	Per 100 g	
529	Potassium nitrate	Per kg	
530	Potassium oxalate	Per kg	
531	Potassium chromate	Per kg	
532	Potassium sodium tartrate, tetrahydrate	Per kg	
533	Potassium thiocyanate	Per kg	
534	Potassium persulphate	Per kg	
535	Potassium chloride	Per kg	
536	p-nitrotoluene	Per kg	
537	Propan-1-ol (n-propyl alcohol)	Per ltr.	
538	Propan-2-ol (isopropyl alcohol)	Per ltr.	
539	p-Toluene sulfonic acid	Per kg	
540	Polyvinyl pyrrolidone	Per kg	
541	Polyvinyl alcohol	Per kg	
542	Pyridine	Per ltr.	
543	Resorcinol	Per 250g	
544	Sodium metal	Per kg	
545	Sodium Azide	Per 100g	
546	Salicylic acid	Per kg	

547	Salicylic aldehyde	Per 100 ml	
548	Silica Gel G (for TLC)	Per kg	
549	Silica gel self-indicating, coarse	Per kg	
550	Silica gel, 60 -120 mesh (for column chromatography)	Per kg	
551	Silicone grease, high vacuum	Per 50g	
552	Silicone oil (for oil baths, 250°C+)	Per 250 ml	
553	Silver nitrate	Per 25g	
554	Sodium borohydride	Per kg	
555	Sodium Black B	Per kg	
556	Sodium acetate, anhydrous	Per kg	
557	Sodium bicarbonate	Per kg	
558	Sodium carbonate, anhydrous	Per kg	
559	Sodium chloride	Per kg	
560	Sodium chromate	Per kg	
561	Sodium dichromate	Per kg	
562	Sodium hydroxide flakes	Per kg	
563	Sodium hydroxide pellets	Per kg	
564	Sodium hypochlorite solution, 4-6%	Per ltr.	
565	Sodium nitro prusside	Per 100 g	
566	Sodium cobaltinitrite	Per kg	
567	Sulphurous acid	Per ltr.	
568	Sodium sulfate, anhydrous	Per kg	
569	Sodium sulfite, anhydrous	Per kg	

570	Sodium sulphide	Per kg	
571	Sodium Nitrate	Per kg	
572	Sodium Nitrite	Per kg	
573	Sodium thiosulfate,pentahydrate	Per kg	
574	Sodium bisulphite	Per kg	
575	Sodium bismuthate	Per kg	
576	Stannic chloride,pentahydrate	Per kg	
577	Stannous chloride,dihydrate	Per kg	
578	Starch iodide paper	Per book of 50 nos.	
579	Starch, soluble	Per kg	
580	Strontium carbonate	Per 250g	
581	Strontium chloride	Per kg	
582	Strontium nitrate	Per kg	
583	Succinicacid	Per kg	
584	Sucrose	Per kg	
585	Sulfanilic acid	Per 100g	
586	Sulfuric acid	Per ltr.	
587	Sulfuricacid	Per ltr.	
588	Sudan III	Per 100g	
589	Sudan Black B	Per 100 ml	
590	Tartaricacid	Per kg	
591	tert-Butylalcohol	Per ltr.	
592	tert-Butylamine	Per ltr.	

593	Thionyl chloride	Per ltr.	
594	Thymol blue indicator powder	Per 25 g	
595	Thymolphthalein indicator solution	Per 125 ml	
596	Tinmetal,granules	Per 100g	
597	Toluene	Per ltr.	
598	Triethylamine	Per ltr.	
599	Wij's Iodine solution	Per ltr.	
600	Xylene	Per ltr.	
601	Xylenol orange	Per 250 g	
602	Zinc acetate	Per kg	
603	Zinc chloride	Per kg	
604	Zinc chloride,anhydrous	Per kg	
605	Zinc dust	Per kg	
606	Zinc metal,granules	Per kg	
607	Zinc metal powder	Per kg	
608	Zinc nitrate,hexahydrate	Per kg	
609	Zinc oxide	Per kg	
610	Zinc sulfate,heptahydrate	Per kg	
611	Zinc phosphate	Per kg	
612	Zinc sulphide	Per kg	
613	Zinc Sulphate	Per kg	
614	Zinc carbonate	Per kg	
615	Test tube (10 ml)	Per No.	



616	Capillary tube (for melting point)	Per No.	
617	Capillary tube (for TLC)	Per No.	
618	Ignition tube	Per No.	
619	Laboratory stand (24 inch×0.5 inch)	Per No.	
620	Die pressed Burette stand (for single burette)	Per No.	
621	Fisher Clamp (12mm -50mm)	Per No.	
622	Universal burette clamp	Per No.	
623	Three finger clamp	Per No.	
624	Four finger clamp	Per No.	
625	Copper water bath (5inch/6inch)	Per No.	
626	Furnace tongs (12inch/15 inch/18 inch)	Per No.	
627	Spatula (4/6/8/10 inch)	Per No.	
628	Flask tongs (12 inch)	Per No.	
629	Beaker tongs (12 inch)	Per No.	
630	Porcelain evaporating dish (round bottom), 3 /4 inch	Per No.	
631	Parafilm, 4 inch, 125 feet	Per No.	
632	Filter paper, 11 cm/12.5 cm	Per pkt. of 100	
633	Magnetic stirrer, 2 litre	Per No.	
634	Digital magnetic stirrer	Per No.	
635	Melting point apparatus	Per No.	
636	Heating Mantle, 500ml/1000ml	Per No.	
637	Simple Distillation apparatus (RB, condenser), 500 ml	Per No.	
638	Distillation water apparatus, 500ml	Per No.	

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639	Laboratory Hot plate, 10inch×12 inch 1000 watt	Per No.	
640	Heavy duty rotary Shaker, 55 cm×55 cm	Per No.	
641	Porcelain crucible, 15ml, 25ml	Per No.	
642	Porcelain Evaporating Dish(Round Bottom), 4 inch	Per No.	
643	Platinum crucible, 15ml, 25ml	Per No.	
644	Nickel crucible, 15ml, 25ml	Per No.	
645	Platinum wire	Per No.	
646	Water tape (one way)	Per No.	
647	Wighing bottle, 15ml ,25 ml	Per No.	
648	Watch glass, 2.5 inch, 4 inch	Per No.	
649	Petri dish, 2.5 inch, 4 inch	Per No.	
650	Rubber cork, 9/6 mm, 13/9mm, 14/11mm, 16.9/13mm	Per No.	
651	Rubber tubing, 5 mm-12 mm	Per No.	
652	Tripod Stand, 6 ×4 inch, 7×4 inch 8×5 inch	Per No.	
653	Bunsen Burner (Special type, Economy type)	Per No.	
654	TLC UV Cabinet (Single tube 365 nm Double tube 365 nm)	Per No.	
655	Digital Stabilized Power Supply, Maximum Current mA	Per No.	
656	Silicone Oil Bath	Per No.	
657	Laboratory Hot Air Oven	Per No.	
658	Conical Flask, 100 mL	Per No.	
659	Conical Flask, 250 mL	Per No.	
660	Conical Flask, 500 mL	Per No.	
661	Test tube Brush, 8 inch	Per No.	

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662	Iodide Flask, 100ml	Per No.	
663	Iodide Flask, 250 ml	Per No.	
664	Round Bottom Flask (long Neck), 100 ml	Per No.	
665	Round Bottom Flask (long Neck), 250 ml	Per No.	
666	Round Bottom Flask (long Neck), 500 ml	Per No.	
667	Round Bottom Flask (Short Neck), 100 ml	Per No.	
668	Round Bottom Flask (short Neck), 250 ml	Per No.	
669	Round Bottom Flask (short Neck), 500 ml	Per No.	
670	Volumetric Flask, 50 ml	Per No.	
671	Volumetric Flask, 100 ml	Per No.	
672	Volumetric Flask, 250 ml	Per No.	
673	Volumetric Flask, 500 ml	Per No.	
674	Volumetric Flask, 1000 ml	Per No.	
675	Measuring Cylinder, 5 ml	Per No.	
676	Measuring Cylinder, 10 ml	Per No.	
677	Measuring Cylinder, 25 ml	Per No.	
678	Measuring Cylinder, 50 ml	Per No.	
679	Measuring Cylinder, 100 ml	Per No.	
680	Measuring Cylinder, 250 ml	Per No.	
681	Measuring Cylinder, 500 ml	Per No.	
682	Measuring Cylinder, 1000 ml	Per No.	
683	Reagent Bottles, 60 ml	Per No.	
684	Reagent Bottles, 125 ml	Per No.	



685	Reagent Bottles, 250 ml	Per No.	
686	Reagent Bottles, 500 ml	Per No.	
687	Reagent Bottles, 1000 ml	Per No.	
688	Reagent Bottles, 2000 ml	Per No.	
689	Separating Funnel, 100 ml	Per No.	
690	Separating Funnel, 250 ml	Per No.	
691	Separating Funnel, 500 ml	Per No.	
692	Separating Funnel, 1000 ml	Per No.	
693	Separating Funnel, 2000 ml	Per No.	
694	Keeping funnel, 50 mm	Per No.	
695	Keeping funnel, 75 mm	Per No.	
696	Keeping funnel, 100 mm	Per No.	
697	Keeping funnel, 150 mm	Per No.	
698	Burette, 5 ml	Per No.	
699	Burette, 10 ml	Per No.	
700	Burette, 25 ml	Per No.	
701	Burette, 50 ml	Per No.	
702	Volumetric Pipette, 5 ml	Per No.	
703	Volumetric Pipette, 10 ml	Per No.	
704	Volumetric Pipette, 20 ml	Per No.	
705	Volumetric Pipette, 25 ml	Per No.	
706	Graduated pipette, 0.1 ml	Per No.	
707	Graduated pipette, 1 ml	Per No.	



708	Graduated pipette, 5 ml	Per No.	
709	Graduated pipette, 10 ml	Per No.	
710	Specific Gravity bottle, 10 ml	Per No.	
711	Specific Gravity bottle, 25 ml	Per No.	
712	Specific Gravity bottle, 50 ml	Per No.	
713	Stalagmometer	Per No.	
714	Ostwald's Viscometer	Per No.	
715	Digital Colorimeter	Per No.	
716	UV Visible spectrophotometer	Per No.	
717	Digital pH meter	Per No.	
718	Digital pH meter	Per No.	
719	Digital potentiometer	Per No.	
720	Digital conductometer	Per No.	
721	Digital Turbidity meter	Per No.	
722	Polarimeter with Sodium vapour lamp	Per No.	
723	Centrifuge Machine, 8 tubes	Per No.	
724	Graduated Centrifuge tubes, 10 ml, 15 ml	Per No.	
725	Digital Weighing Balance, 0.01g, 0.001 g accuracy	Per No.	
726	Thermostatic Water Bath, 15 l capacity	Per No.	
727	Sonicator, 6.5 litre	Per No.	
728	Soil water analyser Kit	Per No.	
729	Dean & Stark apparatus (Includes RB-24/29, condenser, Receiver)	Per No.	

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730	Digital Rotary Vacuum Evaporator, Evaporating flask size 500 ml-2000ml, 200 rpm	Per No.	
731	Joint Neck, 24/29 mm, 19/24 mm, 29/36 mm	Per No.	
732	Reflux Condenser, 24/29 mm, 19/24 mm, 29/36 mm	Per No.	
733	Magnetic bead, 10mm, 18mm, 25 mm	Per No.	
734	Gooch crucible, 15 ml/30 ml	Per No.	
735	Tubes, filter for Gooch Crucibles, 27mm×150mm	Per No.	
736	Buchner Funnel, 35 ml	Per No.	
737	Buchner Funnel, 80 ml	Per No.	
738	Buchner Funnel, 200 ml	Per No.	
739	Filter apparatus (complete with Filtering flask , Gooch Crucible with sintered disc of porosity G-1 or G-2 or G-3 or G-4)	Per No.	
740	Beaker, 50 ml	Per No.	
741	Beaker, 100 ml	Per No.	
742	Beaker, 250 ml	Per No.	
743	Beaker, 500 ml	Per No.	
744	Beaker, 1000 ml	Per No.	
745	Glass Dropper, 12inch	Per No.	
746	Wire Gauge	Per No.	
747	Nitrile Gloves	Per pkt. of 100 nos.	
748	Thermometer, 1/10, 1/5, 1° accuracy	Per No.	
749	Paper for chromatography	Per sheet	
750	Glass plate for Chromatography (4,6,8,10 cm diameter)	Per No.	

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751	Blotting paper	Per pkt. of 100 pcs.	
752	Test Tube Holder	Per No.	
753	Funnel Holder	Per No.	
754	Mortar Pastle	Per No.	
755	Glass rod for stirring	Per No.	
756	Glass Pipe, 0.5 mm, 1 mm	Per No.	
757	Micropipette, 10-100 μ l, 100-1000 μ l	Per No.	
758	Micropipette tips (10, 20,50, 100, 1000) μ l	Per No.	
759	Micro-centrifuge Tube (polypropylene made with hinged lid) Conical bottom graduated, 1.5 ml, 2 ml	Per No.	
760	Wash Bottle	Per No.	
761	Laboratory wash detergent	Per kg	
762	Any other item that may be included under the head SUPPLY OF LABORATORY CONSUMMABLES (as required in educational institutions)	Details to be provided	

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