

Life Science Laboratory, CoE, IITE

Chemical, Glasswares, Media Kits and Biological Material Requirements



INDIAN INSTITUTE OF TEACHER EDUCATION
(A State Public University established by Govt. of Gujarat)
ભારતીય શિક્ષક પ્રશિક્ષણ સંસ્થાન
ભાવપત્રક મેળવવા અંગે

આઈ.આઈ.ટી.ઈ.ગાંધીનગરના સેન્ટર ઓફ એજ્યુકેશનની ફિક્સ લેબ અંતર્ગત કેમિકલ, કોમ્પોનન્ટસ તથા ઇન્સ્ટ્રુમેન્ટ્સની ખરીદી તેમજ લાઇફ સાયન્સ લેબ અંતર્ગત ગ્લાસવેર, બાયોલોજિકલ મટીરિયલ્સ અને કેમિકલ માટેના ભાવ આમંત્રિત કરવામાં આવે છે. ભાવપત્રક મોકલવાની વિગતો આઈ.આઈ.ટી.ઈ.ની વેબસાઇટ www.iite.ac.in પરથી જોવાની રહેશે, બંધ કવરમાં ભાવપત્રક તા. ૧૦/૦૭/૨૦૨૪ (૦૮:૦૦ કલાક) થી તા. ૧૬/૦૭/૨૦૨૪ (૧૬:૦૦ કલાક) સુધીમાં ભરીને આઈ.આઈ.ટી.ઈ. ખાતે પહોંચાડવાના રહેશે ભાવપત્રક સાથે ઇન્સ્ટ્રુમેન્ટ્સના catalogue આપવાના રહેશે.

સ્થળ :- ગાંધીનગર
તારીખ :- ૧૦-૦૭-૨૦૨૪

માહિતી/૪૩૫/૨૦૨૪-૨૫

કુલસચિવ,
આઈ.આઈ.ટી.ઈ.

Required specifications are given below.

- The Quotation must contain below given details. It is necessary to write specifications of every item. If specifications are not mentioned then quotation will not be accepted and rejected without any notice.

Details :

1. Company Name :

2. Catalogue of that item, if any (attach photocopy with quotation)

- Please provide price of all items and, if not provided then quotation will be cancelled automatically.

- Kindly send the quotation (Hard copy) of above chemicals/equipment and components as per the mentioned address and date (time) in newspaper advertisement.

Kindly mention below given name on envelope:

Centre of Education (Life Science), IITE

Life Science Laboratory, CoE, IITE

Chemical, Glasswares, Media Kits and Biological Material Requirements

[A]Chemicals Requirements

No.	Name of Chemical	Volume(litres/Grams)	Qty
1	Ammonium Chloride	500ml	1
2	Ammonium nitrate	500gm	1
3	Iso-propyl Alcohol	500ml	2
4	Auxin (Indole-3 Acetic Acid)	100gm	1
5	Methanol	2.5L	3
6	Cytokinine (6-furfural aminopurine)	5gm	1
7	Petroleum Ether	500ml	1
8	Catechol	500gm	1
9	Standard β -carotene	1 gm	2
10	DPX (Dibutyphthalate Polystyrene Xylene)	500ml	1
11	Benedicts reagent (Quantitative reagent)	500ml	3
12	Eriochrome black T dye	125ml	2
13	Leishman's stain	125ml	2
14	Standard L-Aspartic acid	25gm(For chromatography)	2
15	Sodium Hypochlorite	500ml	1
16	Molisch reagent	250ml	1
17	Biuret Reagent	250ml	2
18	Millon's reagent	250ml	1
19	Barfoed's reagent	250ml	2
20	Standard L-Alanine	25gm(For chromatography)	1
21	Standard Glycine	25gm(For chromatography)	1

22	Tyrosine	25gm(For chromatography)	1	
23	Sodium bisulphate	500gm	1	
24	D-Ribose	25gm	2	
25	Dipotassium phosphate anhydrous(dibasic)	500gm	1	
26	Potassium Dichromate	250gm	1	
27	Sodium carbonate (Na ₂ CO ₃)	500gm	1	
28	Sodium Potassium tartarate	250gm	1	
29	Sodium phosphate monobasic	500 gm	1	
30	Sodium bicarbonate	500gm	1	
31	Acetone	2.5L	3	
32	Vaccum grease	50gm	1	
33	Zinc sulphate heptahydrate	250gm	1	
34	L-Tryptophan	5gm	1	
35	Ammonium hydroxide	250ml	1	
36	3% Lysol	500 ml	2	
37	3,5-Dinitrosalicylic Acid	250gm	1	
38	Universal Indicator	500ml	1	
39	Coomassie brilliant blue G-250 dye	25gm	2	
40	85% Ortho-Phosphoric acid	For analysis 500ml	1	
41	Sodium sulphate(Na ₂ SO ₄)	500gm	1	
42	Sodium arsenate (Na ₃ AsO ₄)	100gm	1	
43	Aluminium chloride	500gm	1	
44	Ascorbic acid	25gm	2	
45	Lab reagent- Emulsifier	500ml	6	

46	Magnesium chloride	500gm	1	
47	Chlorhexidine	500 ml	1	
48	NaOCL	500 ml	1	
49	Ethyl acetate	500 ml	1	
50	Petroleum Jelly	500 ml	1	
51	Cassava Starch	3 Kg	1	
52	Cellulase Enzyme	500 ml	1	
53	Phosphate buffer	500 ml	1	
54	TLC Plate	1 Box	1	
55	Sodium Acetate	500 gm	1	
56	Glacial Acetic acid	500 ml	1	
57	Phenyl Hydrazine	500 ml	1	
58			1	
59	KMnO ₄	50 gm	1	
60	Formaldehyde	1 Liter	1	
61	Cytokinin	100 gm	1	
62	KOH	150 gm	1	
63	Glycine	500 ml	1	
64	Miso Inositol	150 gm	1	
65	Sucrose	1 Kg	1	
66	HCL	500 ml	1	
67	HgCl ₂	50 gm	1	
68	EDTA	100 gm	1	
69	NACL	1 Kg	1	
70	CTAB	100 gm	1	
71	B mercaptoethanol	10 gm	1	
72	Iso amylalchol	100 gm	1	
73	Iso-propanol	1 Liter	1	
74	Silica grease	3 Kg	1	

75	K ₂ CO ₃	200 gm	1
76	KHCO ₃ n	200 gm	1
77	HNO ₃	500 gm	1
78	HClO ₄	500 gm	1
79	Auxin (IAA or IBA)	50 gm	1
80	AgNO ₃	50 gm	1
81	Lysol	1 Liter	1
83	Potassium Bromide (KBr)	500 gm	1

[B] Culture Media & kits (from Hi-media)

No.	Product Name	Specifications	Qty
47	Peptone bacteriological	500gm(For Bacteriological Use)	1
48	Agar Powder	500gm(For Bacteriological Use)	2
49	Meat extract	500gm(For Bacteriological Use)	1
50	Nutrient broth	500gm(For Bacteriological Use)	2
51	Hiper Cloning Teaching Kit (Blue-White Selection)-HTBM036-5PR	Molecular Biology Practical	1
52	Insta NX Bacterial Genomic DNA Purification Kit MBIN006-12PR	Molecular Biology Practical	1
53	Blood group determination kit	Containing Anti A sera,Anti B sera and Anti RhD sera	3
54	Widal test kit	Widal slide(card),Salmonella typhiantigen(H,O),Salmonella paratyphi antigen(AH,BH),Positive & negative controls	3
	MS Media	5 Liter	
	Muller Hinton Agar Media	500 gm	1
	Blood Agar media	500 gm	1

[C] Glasswares & Consumables

No.	Name of consumable	Size/Specifications	Qty
55	Blotting Papers	Pack size-100no./pkt.	1 Pack

56	Conical flasks	250ml (Borosilicate glass, uniform wall thickness, flat bottom, Ideal for autoclaving)	12	
57	Conical flasks	500ml (Borosilicate glass, uniform wall thickness, flat bottom, Ideal for autoclaving)	12	
58	Conical flasks	100ml (Borosilicate glass, uniform wall thickness, flat bottom, Ideal for autoclaving)	12	
59	Glass beakers	250ml (Borosilicate glass, uniform wall thickness, flat bottom, Ideal for autoclaving)	12	
60	Glass beakers	500ml (Borosilicate glass, uniform wall thickness, flat bottom, Ideal for autoclaving)	12	
61	Glass beakers	100ml (Borosilicate glass, uniform wall thickness, flat bottom, Ideal for autoclaving)	12	
62	Plastic Beakers	500ml	12	
63	Plastic Beakers	1 Litre	12	
64	Glass measuring cylinder	100ml (Borosilicate glass, with round base calibrated at 27°C)	4	
65	Cotton rolls	Non-absorbent	5	
66	Test tube cleaning brushes		3	
67	UV-Vis quartz glass cuvette 10mm	Material-Glass, with PTFE Cover,10mm path,3.5ml in pair	2 pack(1Pack of 2)	
68	Capillary tubes (melting point tube)	1 mm × 4"	3	
69	Sugar glass test tubes	Borosilicate glass material,Size- 25×150mm ,Capacity- 55ml,Pack size- 50pcs/pkt	1 pkt	
70	Borosilicate Glass petri plates	Culture petri dishes S-Line,100×15mm	30 pcs	
71	Tissue Paper Rolls	For wiping glass cuvette	5	
72	Steel Spatula	medium size	6 pcs.	

73	Eppendorf(centrifugation) tubes	5 ml microcentrifuge tube,material-polypropylene,autoclavable, conical bottom	1 pack of 100
74	Eppendorf (centrifugation) tubes	15 ml for centrifuge,graduated,leak proof,material-polypropylene,conical bottom	1pack
75	Glass Test tube	Borosilicate glass material, size-18×150mm,Capacity= 20ml,Pack size-100pcs/pkt	1 Pack
76	Glass burette	50ml capacity,Borosilicate glass material, with boroflo GP stopcock,class B	10 Pcs.
77	Cotton thread rolls	-	3
78	Mohr pipette	10 ml capacity-Borosilicate glass,Class-B	40 pcs.
79	Mohr pipette	5 ml capacity-Borosilicate glass,Class-B	40 pcs.
80	Mohr pipette	1 ml capacity-Borosilicate glass,Class-B	40 pcs.
81	Tongs for beakers	10 inch in size	1 pkt
82	Mortar & pestle	medium size	6 pcs.
83	Flask tong	10 inch in size,steel	1 pkt
84	Micropipette	Capacity-100µl-1000µl,Single channel Variable,Autoclavable,Easy to calibrate & service ,Calibration as per ISO 8655 Standards,Easy volume setting by simply turning the plunger	3 nos.
85	Micropipette	Capacity-10µl-100µl,Single channel Variable,Autoclavable,Easy to calibrate & service ,Calibration as per ISO 8655 Standards,Easy volume setting by simply turning the plunger	3 nos.
86	Evaporating dish	3 inch	6 pcs.
87	Plastic trays	Material-Plastic, Rectengular shape multi-purpose organizer tray, Size-Big ,L35cm×B27cm×H6cm	6pcs.
88	Nitrile hand gloves		1 pkt

89	Pipette stand (Plastic)	For 12 pipettes(6 on each side),Horizontal,made of polypropylene superior quality	25	
90	Parafilm M tape	small pieces should cover test tubes,flasks,culture tubes.Made of semi transparent,flexible waterproof material	3 pkt	
91	Reagent bottles	300ml,Narrow mouth with I/C glass stopper, neck stopper size 24/29,borosilicate glass	6	
92	Wash Bottles	For cuvette cleaning	5	
93	Capillary Tubes	2 boxes		
Biological Materials				
[D] Plant Materials				
No	Name of Plant	Plant Part	Qty	
94	Equisitum	Stem	2	
95	Equisitum	cone	2	
96	Monocot(Maize)	Stem	1	
97	Monocot(Maize)	Root	1	
98	Dicot (Sunflower)	Root	1	
99	Dicot (Sunflower)	Stem	1	
[E] Permanent slides				
100	Sclerenchyma tissue	Plant Anatomy	2	
101	Meiosis-Leptotene stage	Plant cytology	1	
102	Meiosis-Zygotene stage	Plant cytology	1	
103	Meiosis-Pachytene stage	Plant cytology	1	
104	Meiosis-Diplotene stage	Plant cytology	1	
105	Meiosis-Dikinesis stage	Plant cytology	1	
106	Meiosis-Metaphase-1 stage	Plant cytology	1	
107	Meiosis-Anaphase-1 stage	Plant cytology	1	
108	Meiosis-Telohase-1 stage	Plant cytology	1	
109	Meiosis-Prophase-2 stage	Plant cytology	1	
110	Meiosis-Metaphase-2 stage	Plant cytology	1	
111	Meiosis-Anaphase-2 stage	Plant cytology	1	

112	Meiosis-Telophase-2 stage	Plant cytology	1	
113	Mitosis- Interphase	Plant cytology	1	
114	Mitosis- Telophase	Plant cytology	1	
115	Mitosis- Metaphase	Plant cytology	1	
116	Mitosis- Prophase	Plant cytology	1	
117	Mitosis- Anaphase	Plant cytology	1	
118	Plant cell	Plant Anatomy	2	
[F] Diseased Plant Materials				
119	Name of Plant	Causative Agent	Qty	
120	Citrus canker	<i>Xanthomonas citri</i>	2	
121	Puccinia	<i>Puccinia graminis</i> (tiliospore)	2	
122	Puccinia	Puccinia graminis (Urediospore)	2	
123	Barberry plant	(Pycnispores)	2	
124	Barberry plant	(Aeciospores)	2	
125	Powdery mildew of grapes	Erysipne necator Schwein	2	
126	White rust of crucifer	Albugo candidans	2	