



COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous & Constituent college of Biju Patnaik University of Technology, Odisha)
Techno campus, Mahalaxmi Vihar, BHUBANESWAR – 751029

No. 642 /CET

Date- 16.02.2018

Tender Call Notice

Sealed Tenders are invited from reputed **Original Manufacturers / Authorized Dealers**, for supply of chemicals to Department of Chemistry of the college, details of which are available in the tender paper. The tenderers must possess valid up-to-date GST /income tax clearance etc. The last date of submission of tender is **11.03.2019** (up to 1PM) and will be opened on the same date at 3.00PM. The sealed tender will be received **by Speed Post/Registered Post only. No hand delivery or courier is acceptable.** Tender received after the scheduled date and time will not be considered. The authority is not responsible for any postal delay. The authority reserves the right to cancel the bids without assigning any reason thereof. More details are available at our college website www.cet.edu.in.

Sd/-
PRINCIPAL

BID PARTICULARS AND INSTRUCTIONS OF TENDER NOTICE
FOR
SUPPLY OF CHEMICALS
FOR
DEPARTMENT OF CHEMISTRY



COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous and Constituent College of BPUT, Odisha)

Techno Campus, Mahalaxmi Vihar, Bhubaneswar –29

DETAILED PARTICULARS AND INSTRUCTIONS ON TENDER FOR

1.	Tender Opening	11.03.2019 at 3.00 PM
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Purchase of chemicals FOR Department of Chemistry College of Engineering and Technology Bhubaneswar – 751029, Orissa

Sealed Tenders are invited from reputed Original Manufacturers /Authorised Dealers, for supply of chemicals for the Department of Chemistry, College of Engineering and Technology (CET), Techno Campus, Mahalaxmi Vihar, Bhubaneswar – 751029, Orissa.

1. Scheduled Tender Activity:

Sl. No.	Activity	Date
1	Due date for tender	16.02.2019
2	Last Date of Tender Document Submission	11.03.2019 up to 1.00PM
3.	Tender Opening	11.03.2019 at 3.00 PM

Items	EMD (in Rupees)	Cost of Tender Document (in Rupees)	Period of complete Delivery, Installation and Commissioning
Chemicals for Department Chemistry	See under clause no. 5.1 of this tender	Rs.1000/	4-6 weeks

Commercial bid & Technical bid must be enclosed separately.

The Tender documents can also be downloaded from our website cet.edu.in and the tenderer has to submit a separate draft of Rs.1000.00 + GST as applicable (in favour of Principal, College of Engineering and Technology payable at Bhubaneswar in any Nationalised Bank towards tender paper cost)along with submitted tender, otherwise the offer submitted by the tenderer will be cancelled.

2. Eligibility of Tenderer and General Instructions:

2.1 Eligibility:

Those who fulfill the following criteria are eligible to participate in the tender.

1. The tenderer must be a reputed **original manufacturer** and/or the Authorised Dealers of a reputed manufacturer. Manufacturers should provide all documents relating to their **Manufacturing Capabilities**.
2. If the tenderer is an Authorised Dealers of a reputed manufacturer, necessary certificate to this effect from the manufacturer must be enclosed.
3. The tenderer must provide evidence of successful supply orders of chemicals and successful after sales support in reputed government/public sector organizations.
4. The tenderer must have cleared Sales Tax and Income Tax payment up- to-date. Attested copies of Sales Tax Clearance Certificate or non-assessment certificate from the concerned Sales Tax Authority valid up- to-date and attested copy of Income Tax Clearance Certificate or non-assessment certificate, GST certificates from the competent authority, PAN Number must be enclosed along with the Tender documents.

2.2 General Instructions:

The tenderers who are **the Original Manufacturers** of the product must be manufacturing the complete product, selling under the specified brand name and model are the eligible participants. The authorized dealers with the valid authorization certificate are also the eligible participants..

The tenders will be opened on **11.03.2019 at 3.00 PM** in presence of the tenderers or their authorized representatives. Authorized representatives will be required to produce their authorization before opening of the bid, failing which they will not be allowed to be present.

Submission of more than one bid by a particular tenderer under different names is strictly prohibited. In case it is discovered later on that, this condition is violated, all the tenders submitted by such tenderer/s would be rejected or contract cancelled and earnest money deposited will be forfeited.

All offers should be typed or printed clearly in English and the price quoted for each item should be firm and laboratory-wise and as per the list given in the Annexure A.

Warranty period, Delivery period and After-Sale-Service conditions, etc. are also to be clearly indicated.

The annual turnover of the tenderer should be more than fifty lakhs in each year for the last three financial years. The Chartered Accountant audited statements are to be submitted along with the technical bid.

The rates and the conditions of the offer will remain valid for three months from the date of opening of the tender and no change or alteration of the rate will be acceptable on any account.

Submitted tender forms with overwriting or erased or illegible specifications and rates will be rejected.

Request from tenderer in respect of additions, alterations, modifications, corrections, etc. of either terms & conditions or rate after opening of the bid may not be considered. However, negotiation may be made before finalization.

Tenderers shall carefully examine the bid documents and fully inform themselves of all the conditions, which may in any way affect the work of the cost thereof.

Should a tenderer find discrepancies or omissions from the specification or other documents and any doubt as to their meaning, the tenderer should at once notify the purchaser and obtain clarification in writing.

This, however, does not entitle the tenderer to ask for time beyond the due date fixed for receipt of tenders.

The tenderer must also specify minimum time and maximum time to replace in the event of a failure to supply any chemicals as per order.

Verbal clarification and/or information given by the purchaser or its employees or representatives shall not be binding on the purchaser.

Submission of sealed bid will carry with the implication that the tenderer agrees to abide by the conditions laid down in the detailed particulars of the bid notice.

Conditional offers and offers qualified by vague and indefinite expression, as 'subject to immediate acceptance', 'subject to prior sale', etc. will not be considered.

While tenders are under consideration, tenderers and their representatives or other interested parties are advised to refrain from contacting by any means, to the

purchaser's personnel or representatives on matter relating to the tenders under study.

The **pre-bid discussion** is scheduled on **23.2.2019 at 11.0AM** at the office chamber of HOD, Chemistry. The intending tenderers may participate in this pre-bid meeting. No more discussion on tender in this regard will be considered after this schedule.

The purchaser, if necessary, will obtain clarification on tenders by requesting such information from any or all the tenderers either in writing or through personal contact as may be necessary.

The quantity mentioned against each item is approximate but it may change during finalization.

The tenderer will not be permitted to change the substance of his offer after the tenders have been opened.

In the event of non-compliance with this provision, the tenderer is liable to be disqualified.

2.3 Submission of Tenders:

The sealed envelope must show the name of the tenderer and his address and should be superscribed as “**Tender for Supply of Chemicals for Department of Chemistry**” On the top of the envelope.

All the documents submitted must be in the papers showing signature of the tenderer and printed office name of the tenderer on official seal.

All the documents must be submitted in a sequential manner with separator/flags to help in quick scanning of the topics.

The tenders should be submitted at the office of the **Principal, College of Engineering & Technology, Techno Campus, Mahalaxmi Vihar, Bhubaneswar – 751029, Odisha.**

Outstation offices may send the tender forms by Registered Post/Speed Post and addressed to the **Principal, College of Engineering & Technology** superscribed as “**Tender for Supply of Chemicals for Department of Chemistry**”.

3. Requirements by Tenderer before Supply:

3.1 Rating Plate, Name Plate and Labels:

Each of the Chemical is to have permanently displayed to it, a name of the manufacturer etc.

3.2 Packaging:

All the chemicals are to be suitably protected, covered in water-proof packing and crated to prevent damage or deterioration during transit and storage till the time of supply. The supplier shall be responsible for any loss or damage caused during transportation, handling or storage till their successful supply and testing (if any).

3.3 Inspection:

All chemicals shall be checked for completeness and state of physical condition as per quoted specification.

The tenderer shall provide all test and measuring of chemicals required for inspection/testing.

The cost of all such tests shall be borne by the Tenderer.

CET reserves the right to reject any chemicals if these do not comply with the specifications during site testing.

3.4 Environmental Condition:

The chemicals supplied shall be used without any deviation in quality, or degradation of chemicals performance. All the specification/parameters shall be guaranteed over the following environmental conditions:

- * Storage Temperature 0 to 70 degree Celsius
- * Operating Temperature As per standard temp. in chemistry lab.
- * Humidity 95% RH (non-condensing)

The chemicals are intended to be used in the chemistry laboratories/ department.

4. Requirements by Tenderer after Supply:

4.1 Supply:

The chemicals would be delivered by the supplier at **College of Engineering & Technology, Techno Campus, Mahalaxmi Vihar, Bhubaneswar – 751029, Odisha** and perform the testing, if any, at his own cost.

The items should be supplied directly from the manufacturing terminal having passed all tests successfully with Certifications as required.

The chemicals should conform to the latest relevant National/International standards and shall be completed in all respect.

In case, chemicals are found damaged in transit or found short at the time of delivery the full cost of the same will be deducted from the bill of the supplier in case the supplier does not replace the stock within a week from the date of lodging the complain.

The chemicals ordered must be supplied in one lot within 2-3 weeks of placing of the purchase order.

In case of delay in delivery as per purchase order, a penalty of 1% (one per cent) per week shall be levied.

CET reserves the right to procure the materials from alternative sources at the risk and cost of the successful tenderer giving 15 days notice.

Any increase in tax and duties after expiry of delivery period will be to the seller's account.

In case the items supplied by the supplier are found not up to the specification shall be rejected. The supplier will be intimated to take back the stocks at his own cost within three days from the date of rejection and to replace the same within 7 days, failing which the EMD will be invoked in addition to taking legal actions.

The suppliers shall be responsible for releasing the consignments from the carriers/transporters.

The chemicals shall be delivered at site at the cost of the tenderer.

All taxes, levies, surcharges, handling freight and insurance, if any, should be paid and handled by the tenderer.

4.2 Testing and measurement:

Testing and measurement shall include the following:

The tenderer is to bring their own testing and measuring instruments required for measurement and testing which can be taken back after completion.

4.3 Documentation:

If necessary, detailed technical manuals, handbooks, drawings, and Factory Quality Assurance checklist, test results and any other certifications mentioned in the Technical specifications shall be supplied along with the consignment.

Supplied manuals/handbooks must cover detailed technical specifications and Safety procedures.

5. Financial Terms:

5.1 EMD

The tenderer has to submit a Demand Draft/Banker's Cheque/Pay Order/Bank Quarantee towards EMD amounting to **Rs.15,000/-** (rupees fifteen thousand only) in favour of **Principal, College of Engineering and Technology** payable at Bhubaneswar in any Nationalised Bank towards EMD. **Without EMD for an item, the tender will not be considered.**

There will be no interest paid to the tenderer towards EMD money opening of the bid.

No request for adjustment of claims, if any, will be accepted.

The EMD of unsuccessful tenderers will be refunded as soon as possible after the tenders are finalized.

No one should submit a tender who is unable to furnish the EMD as indicated above and supply the chemicals within the specified period as indicated in the indent/order issued for the quantities decided in his favour.

5.2 PRICES:

Price quoted should be **FOR Bhubaneswar only.**

Price should be quoted for unit item per chemicals laboratory-wise with available/given quantity (packaging); however, the actual requirements may be much more. The tentative numbers of items required are given which may vary (increase/decrease) afterwards as per requirement. (A tenderer may propose to give discounts if any for purchase of more than one unit of a particular item.).

5.3 Sales Tax Concession:

Central Sales Tax Concession is to be availed on production of the required certificates applicable to Educational Institution.

5.4 Discount:

Our Institute is a pioneer Institution in the field of Teaching and Research in Engineering and allied disciplines and do not run with profit motive.

As such we are availing price discount for purchase of chemicals.

The rate of discount or any other Institutional benefit arising out of Govt. Policy etc., on each item may also be indicated in the bid specifically.

5.5 Payments:

In case of purchase in Indian Rupees, payment of 100 percent of the ordered value will be made after successful supply and testing (as per case) of the chemicals subject to submission of satisfactory supply/testing report by our Professor-in-Charge.

5.6 Penalty:

If the delivery is not carried out in time as specified in other part of the tender document, the tenderer/manufacturer will be charged @ 1% (one per cent) per week of the total value of the chemicals.

5.7 Rate Contract with DGS&D or any other Government Organisation:

In case the tenderer has entered into a Rate Contract with DGS & D or any other Government Organisation such as EPM, rate contract preference, number & copy of rate contract have to be submitted along with tender.

6. Chemical list:

The laboratory-wise chemical lists with their technical specifications are given in Technical bid. The catalogue number /Cas no/code no. must be mentioned in the technical bid with respective make as per proforma.

The chemicals are to be supplied to the Department of Chemistry.

Instruction to the Tenderer:

7.1 Instructions to Offer Technical and Price Bids Separately:

Technical Offer (**Annexure-I**) and Price Bid (**Annexure-II**) should be separately given in two different covers.

Each cover should be earmarked as to know the contents within as either ***“Technical Offer” or “Price Offer”***.

Both these covers should be placed in a third cover superscribed as **“Tender for Chemicals for Department of Chemistry”**.

Some of the minimum specifications specified may be redundant, obsolete or incompatible and in these cases, quote the particulars of correct specification of latest trend and technology. Higher specifications instead of minimum specifications are allowed if a minimum specification is not available, obsolete or incompatible. Otherwise, chemicals with higher % of purity should be in addition to the existing one with minimum specifications.

Specify name, % of purity, catalogue number /code number for each chemical. Include the printed catalogue and price list if any for each of the chemical quoted.

7.2 Solving Disputes:

CET, the tenderer and the manufacturer /authorized dealer shall make all efforts to resolve amicably by direct informal negotiation on any disagreement or dispute arising between them under or in connection with this contract.

All disputes arising out of the contract shall be referred to courts under the jurisdiction of the Bhubaneswar court only.

The CET authority has all rights to accept/reject any tender without assigning any reasons thereof.

NB: (i) The above terms and conditions except those otherwise agreed upon, shall form a part of the Purchase Order.

(ii) Sign on each page of this tender document and return it along with the offer enclosing this part together with the technical offer.

(in the letter head of the bidder)

TECHNICAL BID

1. Name of the Firm :
2. Official Address :
3. Contact person with designation :
4. Contact Info: e-mail :
Mobile no. :
5. Tender paper cost deposited : Yes /No (tick one)
If yes, give details :
6. EMD deposited : Yes/ No (tick one)
If yes, give details :
7. Registration of the firm : (submit the documentary proof)
8. Tax Clearance up to :
Name of the document(s) submitted : (submit the documentary proof)
9. TIN/PAN :
10. GST/GSTIN as applicable : (submit the documentary proof)
10. Manufacturer's Authorisation : (submit the documentary proof)
11. Turnover for the last three year :
(enclose the CA certified audited statements showing turn over for last three years)
12. Clientele list (where chemicals are supplied for single order of more than Rs.2.0 lakhs during last three years in any Govt / public sector organisations)
13. Any other document etc. submitted :
14. Technical details for Chemicals: **The catalogue number /Cas no/code no. must be mentioned in the price bid with respective make as per proforma.** (Change of serial number in any laboratory is not acceptable and it will not be considered.)

LIST OF CHEMICALS FOR ORGANIC CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		Himedia		TCI	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	1,1'-Binaphthyl-2,2'-Diamine	1g										
2	1,2-benzene dicaboxaldehyde	100 ml										
3	1,2-Diamino Cyclohexane	5g										
4	1,2-diaminopropane	100g										
5	1,2-dichloroethane	100 ml										
6	1,3-diamino-2-propanol	25 g										
7	1,3-Diaminopropane	25 g										
8	1-Acetyl-3-indolecarboxaldehyde	5 g										
9	1-Amino-1-Cyclopentane Methanol	5 ml.										
10	1-Amino-2-Napthol	5g										
11	1-aminomethyl-1-Cyclohexanol	5g										

12	2-(2-aminoethyl)pyridine	10 g											
13	2(chloromethyl)pyridine	5g											
14	2,5-furfuraldialdehyde	10 g											
15	2,6-Disfluorocinnamic aldehyde	5 mg.											
16	2-Allyloxybenzaldehyde	5 ml., 25 ml.											
17	2-Amino-1,2-Diphenylethanol	5g											
18	2-Amino-3 Methyl Benzylalcohol	5g											
19	2-Amino-3,5-dibromobenzaldehyde	5 g , 25 g											
20	2-Amino-3-Methyl-1-Butanol	5g											
21	2-Amino-3-Phenyl-1-Propanol	5g											
22	2-Amino-4,6-dichloropyrimidine-5-carboxaldehyde	5 g											
23	2-Amino-4-Nitrophenol	5g, 25g											
24	2-Amino-5-Nitrophenol	5g, 25g											
25	2-Amino-M-Cresol	5g, 25g											
26	2-Aminophenyl Disulfide	5g, 25g											
27	2-Fluoro-4-Nitro Phenol	5g, 25g											
28	2-Fluoro-5nitroaniline	25g											
29	2Fluoro-5nitrobenzaldehyde	1g, 5g											
30	2-hydroxy-1-naphthaldehyde	25 g											
31	2-Hydroxy-4-Methoxy Benzaldehyde	25g											
32	2-Hydroxy-5-Methoxy Benzaldehyde	5g, 25g											
33	2-hydroxy-5-methyl-1,3-benzenedicarboxylaldehyde	25 g											
34	2-HydroxyAcetophenone	5g, 25g											
35	2-picolyl chloride	25 g											
36	3,5-Dichloro-2-Hydroxy Benzenesulfonyl Chloride	25 g											
37	3,5-dichlorosalicylaldehyde	5g, 25g											
38	3,5-dinitrosalicylaldehyde	1g, 5g											
39	3-Allylsalicylaldehyde	1 g , 5 g											
40	3-Amino-1-Propanol	10g, 50g											
41	3-Amino-2-Naphthol	1g, 5g											
42	3-Ethoxy-4-hydroxybenzaldehyde	100 g											
43	3-hydroxyflavone (flavonol)	5 g											
44	3-Methoxy-5-Nitrosalicylaldehyde	5g, 25g											
45	3-Nitro Phenol	10g, 50g											
46	4,3,5-bis (trifluoromethyl) phenyl benzaldehyde	100 mg.											
47	4-5-Dichloro-1,2 Phenylenediamine	5g, 25g											
48	4-5-Dimethyl-1,2 Phenylenediamine	5g, 25g											
49	4-Acetyl Benzaldehyde	1 g , 5 g											
50	4-chloro-1,2-Phenylenediamine	5g, 25g											

51	4-methoxy-1,2 Phenylenediamine	1g, 5g											
52	4-Nitro-1,2-Phenylenediamine	5g, 25g											
53	5-bromosalicylaldehyde	5g, 25g											
54	5-chlorosalicylaldehyde	100g											
55	5-hydroxyflavone (primuletin)	1 g											
56	5-nitrosalicylaldehyde	5g, 25g											
57	6-hydroxyflavanone (99%)	1 g											
58	6-hydroxyflavone (98%)	1 g											
59	7-hydroxyflavanone (98%)	5 g											
60	7-hydroxyflavone	1 g											
61	a,a'-dibromoxylene	25g											
62	Acetic anhydride (98%)	500 g											
63	Acetone (99.5% AR)	2.5 ltr											
64	Acetonitrile (99.5%AR)	2.5 ltr.											
65	Ammonium Ceric Nitrate (99% AR/ACS)	500 g											
66	Aniline (99.5% AR)	500 ml.											
67	Anthranilic Acid	1 kg											
68	Benzamide (98% AR)	500 g											
69	Benzene (99% Extrapure)	500 ml.											
70	Benzene Sulphonic Acid	500 g											
71	Benzoic Acid (99.5% Extrapure)	500 g											
72	Benzoin	500 g											
73	Beta-Naphthol	100g											
74	Bis(2-pyridylmethyl)amine	5g, 25g											
75	Bis-2-(2-pyridylmethyl)ethylamine	5g, 25g											
76	Bromine (99.5% AR)	2.5 ltr											
77	Carbon Tetra Chloride (99% Extrapure)	500 ml.											
78	Chloroform (99% Extrapure)	500 ml.											
79	Chromyl Chloride	100 g											
80	Congored	100 g											
81	Cyanex-272	100 ml.											
82	Cyclohexane (99% Extrapure)	500 ml											
83	Daidzein	1 mg											
84	Diaminomaleonitrile	25g											
85	Dibenzomethane	25g											
86	Dibenzoylmethane	25g											
87	Dichloromethane	500 ml											
88	Diisopropylamine (99%)	500 ml.											
89	Dimethyl Aniline (99.5% AR)	500 ml											
90	Diphenylamine Reagent (Hi-ARTM/ACS)- (98%AR)	500 g											
91	Disodium salt of EDTA (99% AR)	500 g											

92	Dodecyl aldehyde	2 g										
93	Ethanol	2.5 ltr										
94	Ethanol (6 pack) (CHINA)	500 ml										
95	Ethanolamine	100 ml										
96	Ethyl acetate (99.5% Extrapure)	500 ml.										
97	Fisetin (tetrahydroxyflavane)	500 mg										
98	Flavanone (2,3-dihydroxyflavone)	5 g										
99	Flavoneo	5 g										
100	Formalin Formaldehydesol ⁿ (37-41 extrapure)	2.5 ltr.										
101	Galangin	100 mg.										
102	Hexane											
103	Hydrochloric Acid	2.5 ltr.										
104	Hydroxylamine hydrochloride	50g										
105	Iodine-resublimated (98.5% Extrapure)	100 g										
106	Isopropylamine (99%)	500 ml.										
107	Isorhamnetin (95.0%) HPLC	5 mg.										
108	Kaempferol (97%) HPLC	25 mg										
109	Methanol	500 ml.										
110	Methanol (99.8% AR/ACS)	2.5 ltr										
111	Methyl Acetale (99% AR)	500 ml.										
112	Methyl phenyl sulfide	25g, 100g										
113	Methyleneblue(95% AR)	100 g										
114	Morin	1 g										
115	n-Butylamine (99% AR)	500 ml.										
116	Nessler's reagent	100 ml										
117	n-Hexane (99% AR)	500 ml.										
118	Nitromethane	500 ml										
119	n-propyl-amine (99%)	500 ml.										
120	Oxalic Acid dehydrate (99.5%AR)	500 ml.										
121	Pachy-podol	1 mg										
122	Paraformaldehyde	100 ml										
123	Phenol (99.5%)	500 g										
124	Phenyhydrazine (98% AR)	100 ml.										
125	Phosphorus Pentachloride (99%)	500 ml.										
126	Piperidine	100 ml										
127	Pthalic anhydride (99% AR)	500 g										
128	Pyridoxal hydrochloride	100 ml										
129	Resorcinol (99% Extrapure)	500 g										
130	Rhamnacin	1 mg										
131	Trichloroacetic Acid	100 g										
132	Rhamnetin	1 mg										

133	Rhodamin B dye (98% AR)	100 g										
134	Salicyclic Acid (99.5% AR)	500 g										
135	Salicylaldehyde (99% AR)	250 ml.										
136	Sarcosine (Methylamino Acetic Acid)	25 g										
137	Sodium Hydroxide (98% AR)	500 g										
138	Sodium Methylate	100 ml										
139	Tert-Butylamine AR	500 ml.										
140	Tetrabutylammonium hydroxide	100 ml										
141	Tetraethylammonium hydroxide	500 ml										
142	TetraethylenePentamine	100 ml, 250 ml.										
143	Tetrahydrofuran	500 ml										
144	Tetramethylammonium hydroxide	100ml										
145	Thenoyltrifluoroacetone	500 ml.										
146	Thiol	100 g										
147	Thionyl Chloride (99.5% Extrapure)	500 g										
148	Thiourea Solution (98% Extrapure)	100 ml										
149	Toluene (99% GC grade)	1 ltr.										
150	Triethylamine	100 ml, 500 ml										
151	TriethyleneTetraamine	25 ml, 100 ml										
152	Vinyl-2-pyridine	100 ml										
153	What Mann Filter Paper 40"	2 pkt.										
154	ZnSO ₄ -heptahydrate (99.5% AR)	500 g										

LIST OF CHEMICALS FOR INORGANIC CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		Himedia		TCI	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Aluminium Nitrate Hydrate	500 g										
2	Barium Nitrate (99% AR)	500 g										
3	Barium Sulfate (97% Extrapure)	500 g										
4	CerousNitrate (99.9% AR)	100 g										
5	Chromium Hydroxide	500 g										
6	Cobalt Nitrate hexahydrate (98% AR/ACS)	500 g										
7	Cupric Nitrate hexahydrate(99.5% AR/ACS)	500 g										
8	Cupric SulphatePentahydrate (98.5% Extrapure)	500 g										
9	diethyl ether	500 ml.										
10	dioxane	500 ml.										

11	Ethanol (6 pack) (CHINA)	500 ml										
12	Ethyl Alcohol (China)	500 ml.										
13	Ferric Hydroxide	500 g										
14	Graphite	500 g										
15	Hafnium OxyChloride	100 g										
16	Iron Nitrate	500 g										
17	Lanthanum Nitrate hexahydrate(99% AR)	100 g										
18	Lead Chloride	500 g										
19	Lead Nitrate (99% Extrapure)	500 g										
20	Lead Sulfate (98.5% Extrapure)	500 g										
21	Magnesium Chloride hexaHydrate (98% Extrapure)	500 g										
22	Magnesium Reagent	50 g										
23	Manganese Acatate	100g, 500g										
24	Manganese chloride	100g, 250g										
25	Manganese Nitrate	500 g										
26	Manganese Perchlorate	100g, 500 g										
27	Molybdenum Chloride (97% Extrapure)	100 g										
28	Molybdenum Nitrate	500 g										
29	Nickel (II) Chloride hexa hydrate (97% Extrapure)	500 g										
30	Nickel Chloride fenahydrate (98% AR)	500 g										
31	Nickel Nitrate hexahydrate (99% AR)	500 g										
32	Nitric Acid (69 AR)	2.5 ltr										
33	Phosperic Acid (Tribasic acid)	1 ltr										
34	Phosphorus Pentachloride (99%)	500 ml.										
35	Powdered Sulphur	100g										
36	S0dium perchlorate	250g, 500g										
37	Silver Nitrate (99% AR/ACS)	25 g										
38	Silver Nitrate (99.9% AR)	25 g										
39	Silver Sulphate (98.5% Extrapure)	10 g										
40	Sodium Acetate trihydrate (99% Extrapure)	500 g										
41	Sodium Carbonate Monohydrate (99% AR/ACS)	500 g										
42	Sodium Nitrite (98%AR)	500 g										
43	Sodium Sulfite (95% Extrapure)	500 g										
44	Stannous Chloride dehydrate (98% AR)	100 g										
45	TBP	1 ltr.										
46	Thorium Chloride (Nonradian)	100 g										
47	TriethyleneTetraamine/TetraethylenePentamine	1 kg										
48	Tungsten Chloride	100 g										

49	Vanadium Nitrate	100 g										
50	Zinc Chloride (98% AR)	500 g										
51	Zirconium Chloride	500 g										
52	Zirconium OxyChloride	100 g										
53	Zirconium OxychlorideOctahydrate (99% AR)	100 g										

LIST OF CHEMICALS FOR PHYSICAL CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		TCI	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Aluminium Nitrate Hydrate	500 g								
2	Ammonia Sol ⁿ (25% AR)	500 ml.								
3	Ammonium Ceric Nitrate (99% AR/ACS)	500 g								
4	Ammonium Solution (28-30% Extrapure)	2.5 ltr.								
5	Benzene (99% Extrapure)	500 ml.								
6	Carbon Tetrachloride (99.5% AR)	500 ml.								
7	Ceraus Nitrate (99.9% AR)	100 g								
8	Chloroform (99% Extrapure)	500 ml.								
9	Cobalt Chloride hexahydrate (98% AR)	500 g								
10	Cyclohexane (99% Extrapure)	500 ml								
11	Ethanol	2.5 ltr								
12	Ethanol (6 pack) (CHINA)	500 ml								
13	Ethyl acetate (99.5% Extrapure)	500 ml.								
14	Graphite	500 g								
15	Iodine-resublimated (98.5% Extrapure)	100 g								
16	Lanthanum Nitrate hexahydrate(99% AR)	100 g								
17	Magnesium Chloride hexaHydrate (98% Extrapure)	500 g								
18	Methanol (99.8% AR/ACS)	2.5 ltr								
19	Molybdenum Chloride (97% Extrapure)	100 g								
20	n-Hexane (99% AR)	500 ml.								
21	Silver Nitrate (99% AR/ACS)	25 g								
22	Stannous Chloride dehydrate (98% AR)	100 g								
23	Tungsten Chloride	100 g								
24	Waat Mann Filter Paper 40"	2 pkt.								

LIST OF CHEMICALS FOR BIO-CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		Himedia	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Arsenazo	5 g								
2	Bovine fractiv Albumin (98%AR)	05 g								
3	Casein Protein (98% Extrapure)	500 g								
4	German silver	25 g								
5	Homocystine	100g								
6	L-Alanine	100 g								
7	L-Arginine	100 g								
8	L-Asparagine	100 g								
9	L-Aspartic acid	100 g								
10	L-Cysteine	100 g								
11	L-cystine (dimer)	100 g								
12	L-Glutamic acid	100 g								
13	L-Glutamine	100 g								
14	L-Glycine	100 g								
15	L-Histidine	100 g								
16	L-Isoleucine	100 g								
17	L-Leucine	100 g								
18	L-Lysine	100 g								
19	L-Methionine	100 g								
20	L-Phenylalanine	100 g								
21	L-Proline	100 g								
22	L-Serine	100 g								
23	L-Threonine	100 g								
24	L-Tryptophan	100 g								
25	L-Tyrosine	100 g								
26	L-Valine	100 g								
27	Orcinol Monohydrate (99%AR)	10 g								
28	RNA Sodium Salt	10 g								
29	Topo	100 g								
30	Trioctylamine	1 ltr								

LIST OF CHEMICALS FOR B.TECH. LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Qualigens		Fischer Scientific		Finar	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Ammonia Sol ⁿ (25% AR)	500 ml.								
2	ammonium oxalate	500g								
3	Ammonium Solution (28-30% Extrapure)	2.5 ltr.								
4	borax	100g								
5	Cobalt chloride	100g, 500g								
6	cobalt nitrate	100g, 500g								
7	Disodium salt of EDTA (99% AR)	500 g								
8	DNS Reagent	25 g								
9	Dolomite	1 kg								
10	EDTA	500g								
11	Eriochrome black-T	25 ml								
12	Ethylacetate	500 ml.								
13	Glacial acetic acid	2.5 ltr.								
14	Glacial Acetic Acid (99.5% Extrapure)	2.5 ltr.								
15	Hydrochloric Acid	2.5 ltr.								
16	limestone	500g								
17	Methanol	500 ml.								
18	Methyl Orange	25g, 100g								
19	Methyl red	25g, 100 g								
20	Methyl thymol blue	25 ml								
21	Methylene-blue-indicator	25 ml								
22	Mohr salt	500 g								
23	Nitric Acid	2.5 ltr.								
24	Oxalic acid	500g								
25	pH paper	5 pkt								
26	Phenolphthalein	100g								
27	Potassium Iodide	2 kg.								
28	potassium hydrogen phthalate	100g								
29	potassium permanganate	500g								
30	Silver Nitrate	500g								
31	sodium carbonate	500g								
32	sodium dihydrogenphosphate	100g								

33	sodium hydroxide	500g								
34	sodium oxalate	500g								
35	Sodium thiosulphate	500g								
36	sodiumhydrogen phosphate	100g								
37	Starch	500 g								
38	Sulfuric Acid (98%AR)	2.5 ltr.								

Date;

Place:

Signature of the authorized person & seal

(in the letter head of the bidder)

PRICE BID

1. Name of the Firm :
2. Official Address :
3. Contact person with designation :
4. Contact Info: e-mail & Mobile no. :
5. Tax Clearance up to :
6. TIN/PAN :
7. Rate of Chemicals (in Indian rupees in English only). The cost should be inclusive of supply and testing (if any) of these items.

LIST OF CHEMICALS FOR ORGANIC CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		Himedia		TCI	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	1,1'-Binaphthyl-2,2'-Diamine	1g										
2	1,2-benzene dicarboxaldehyde	100 ml										
3	1,2-Diamino Cyclohexane	5g										
4	1,2-diaminopropane	100g										
5	1,2-dichloroethane	100 ml										
6	1,3-diamino-2-propanol	25 g										
7	1,3-Diaminopropane	25 g										
8	1-Acetyl-3-indolecarboxaldehyde	5 g										
9	1-Amino-1-Cyclopentane Methanol	5 ml.										
10	1-Amino-2-Naphthol	5g										
11	1-aminomethyl-1-Cyclohexanol	5g										
12	2-(2-aminoethyl)pyridine	10 g										
13	2(chloromethyl)pyridine	5g										
14	2,5-furfuraldialdehyde	10 g										
15	2,6-Disfluorocinnamic aldehyde	5 mg.										
16	2-Allyloxybenzaldehyde	5 ml., 25 ml.										
17	2-Amino-1,2-Diphenylethanol	5g										
18	2-Amino-3 Methyl Benzylalcohol	5g										
19	2-Amino-3,5-dibromobenzaldehyde	5 g , 25 g										
20	2-Amino-3-Methyl-1-Butanol	5g										
21	2-Amino-3-Phenyl-1-Propanol	5g										
22	2-Amino-4,6-dichloropyrimidine-5-carboxaldehyde	5 g										
23	2-Amino-4-Nitrophenol	5g, 25g										
24	2-Amino-5-Nitrophenol	5g, 25g										

25	2-Amino-M-Cresol	5g, 25g										
26	2-Aminophenyl Disulfide	5g, 25g										
27	2-Fluoro-4-Nitro Phenol	5g, 25g										
28	2-Fluoro-5nitroaniline	25g										
29	2Fluoro-5nitrobenzaldehyde	1g, 5g										
30	2-hydroxy-1-naphthaldehyde	25 g										
31	2-Hydroxy-4-Methoxy Benzaldehyde	25g										
32	2-Hydroxy-5-Methoxy Benzaldehyde	5g, 25g										
33	2-hydroxy-5-methyl-1,3-benzenedicarboxylaldehyde	25 g										
34	2-HydroxyAcetophenone	5g, 25g										
35	2-picoly chloride	25 g										
36	3,5-Dichloro-2-Hydroxy Benzesulfonyl Chloride	25 g										
37	3,5-dichlorosalicylaldehyde	5g, 25g										
38	3,5-dinitrosalicylaldehyde	1g, 5g										
39	3-Allylsalicylaldehyde	1 g , 5 g										
40	3-Amino-1-Propanol	10g, 50g										
41	3-Amino-2-Naphthol	1g, 5g										
42	3-Ethoxy-4-hydroxybenzaldehyde	100 g										
43	3-hydroxyflavone (flavonol)	5 g										
44	3-Methoxy-5-Nitrosalicylaldehyde	5g, 25g										
45	3-Nitro Phenol	10g, 50g										
46	4-3,5-bis (trifluoromethyl) phenyl benzaldehyde	100 mg.										
47	4-5-Dichloro-1,2 Phenylenediamine	5g, 25g										
48	4-5-Dimethyl-1,2 Phenylenediamine	5g, 25g										
49	4-Acetyl Benzaldehyde	1 g , 5 g										
50	4-chloro-1,2-Phenylenediamine	5g, 25g										
51	4-methoxy-1,2 Phenylenediamine	1g, 5g										
52	4-Nitro-1,2-Phenylenediamine	5g, 25g										
53	5-bromosalicylaldehyde	5g, 25g										
54	5-chlorosalicylaldehyde	100g										
55	5-hydroxyflavone (primuletin)	1 g										
56	5-nitrosalicylaldehyde	5g, 25g										
57	6-hydroxyflavanone (99%)	1 g										
58	6-hydroxyflavone (98%)	1 g										
59	7-hydroxyflavanone (98%)	5 g										
60	7-hydroxyflavone	1 g										
61	a,a'-dibromoxylene	25g										
62	Acetic anhydride (98%)	500 g										
63	Acetone (99.5% AR)	2.5 ltr										
64	Acetonitrile (99.5%AR)	2.5 ltr.										
65	Ammonium Ceric Nitrate (99% AR/ACS)	500 g										
66	Aniline (99.5% AR)	500 ml.										

67	Anthranilic Acid	1 kg										
68	Benzamide (98% AR)	500 g										
69	Benzene (99% Extrapure)	500 ml.										
70	Benzene Sulphonic Acid	500 g										
71	Benzoic Acid (99.5% Extrapure)	500 g										
72	Benzoin	500 g										
73	Beta-Napthol	100g										
74	Bis(2-pyridylmethyl)amine	5g, 25g										
75	Bis-2-(2-pyridylmethyl)ethylamine	5g, 25g										
76	Bromine (99.5% AR)	2.5 ltr										
77	Carbon Tetra Chloride (99% Extrapure)	500 ml.										
78	Chloroform (99% Extrapure)	500 ml.										
79	Chromyl Chloride	100 g										
80	Congored	100 g										
81	Cyanex-272	100 ml.										
82	Cyclohexane (99% Extrapure)	500 ml										
83	Daidzein	1 mg										
84	Diaminomaleonitrile	25g										
85	Dibenzomethane	25g										
86	Dibenzoylmethane	25g										
87	Dichloromethane	500 ml										
88	Diisopropylamine (99%)	500 ml.										
89	Dimethyl Aniline (99.5% AR)	500 ml										
90	Diphenylamine Reagent (Hi-ARTM/ACS)- (98%AR)	500 g										
91	Disodium salt of EDTA (99% AR)	500 g										
92	Dodecyl aldehyde	2 g										
93	Ethanol	2.5 ltr										
94	Ethanol (6 pack) (CHINA)	500 ml										
95	Ethanolamine	100 ml										
96	Ethyl acetate (99.5% Extrapure)	500 ml.										
97	Fisetin (tetrahydroxyflavane)	500 mg										
98	Flavanone (2,3-dihydroxyflavone)	5 g										
99	Flavoneo	5 g										
100	Formalin Formal dehydrol ⁿ (37-41 extrapure)	2.5 ltr.										
101	Galangin	100 mg.										
102	Hexane											
103	Hydrochloric Acid	2.5 ltr.										
104	Hydroxylamine hydrochloride	50g										
105	Iodine-resublimated (98.5% Extrapure)	100 g										
106	Isopropylamine (99%)	500 ml.										
107	Isorhamnetin (95.0%) HPLC	5 mg.										
108	Kaempferol (97%) HPLC	25 mg										
109	Methanol	500 ml.										

110	Methanol (99.8% AR/ACS)	2.5 ltr										
111	Methyl Acetale (99% AR)	500 ml.										
112	Methyl phenyl sulfide	25g, 100g										
113	Methyleneblue(95% AR)	100 g										
114	Morin	1 g										
115	n-Butylamine (99% AR)	500 ml.										
116	Nessler's reagent	100 ml										
117	n-Hexane (99% AR)	500 ml.										
118	Nitromethane	500 ml										
119	n-propyl-amine (99%)	500 ml.										
120	Oxalic Acid dehydrate (99.5%AR)	500 ml.										
121	Pachy-podol	1 mg										
122	Paraformaldehyde	100 ml										
123	Phenol (99.5%)	500 g										
124	Phenyhydrazine (98% AR)	100 ml.										
125	Phosphorus Pentachloride (99%)	500 ml.										
126	Piperidine	100 ml										
127	Pthalic anhydride (99% AR)	500 g										
128	Pyridoxal hydrochloride	100 ml										
129	Resorcinol (99% Extrapure)	500 g										
130	Rhamnacin	1 mg										
131	Trichloroacetic Acid	100 g										
132	Rhamnetin	1 mg										
133	Rhodamin B dye (98% AR)	100 g										
134	Salicyclic Acid (99.5% AR)	500 g										
135	Salicylaldelyde (99% AR)	250 ml.										
136	Sarcosine (Methylamino Acetic Acid)	25 g										
137	Sodium Hydroxide (98% AR)	500 g										
138	Sodium Methylate	100 ml										
139	Tert-Butylamine AR	500 ml.										
140	Tetrabutylammonium hydroxide	100 ml										
141	Tetraethylammonium hydroxide	500 ml										
142	TetraethylenePentamine	100 ml, 250 ml.										
143	Tetrahydrofuran	500 ml										
144	Tetramethylammonium hydroxide	100ml										
145	Thenoyltrifluoroacetone	500 ml.										
146	Thiol	100 g										
147	Thionyl Chloride (99.5% Extrapure)	500 g										
148	Thiourea Solution (98% Extrapure)	100 ml										
149	Toluene (99% GC grade)	1 ltr.										
150	Triethylamine	100 ml, 500 ml										
151	TriethyleneTetraamine	25 ml, 100 ml										

152	Vinyl-2-pyridine	100 ml										
153	What Mann Filter Paper 40''	2 pkt.										
154	ZnSO ₄ -heptahydrate (99.5% AR)	500 g										

LIST OF CHEMICALS FOR INORGANIC CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		Himedia		TCI	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Aluminium Nitrate Hydrate	500 g										
2	Barium Nitrate (99% AR)	500 g										
3	Barium Sulfate (97% Extrapure)	500 g										
4	CerausNitrate (99.9% AR)	100 g										
5	Chromium Hydroxide	500 g										
6	Cobalt Nitrate hexahydrate (98% AR/ACS)	500 g										
7	Cupric Nitrate hexahydrate(99.5% AR/ACS)	500 g										
8	Cupric SulphatePentahydrate (98.5% Extrapure)	500 g										
9	diethyl ether	500 ml.										
10	dioxane	500 ml.										
11	Ethanol (6 pack) (CHINA)	500 ml										
12	Ethyl Alcohol (China)	500 ml.										
13	Ferric Hydroxide	500 g										
14	Graphite	500 g										
15	Hafnium OxyChloride	100 g										
16	Iron Nitrate	500 g										
17	Lanthanum Nitrate hexahydrate(99% AR)	100 g										
18	Lead Chloride	500 g										
19	Lead Nitrate (99% Extrapure)	500 g										
20	Lead Sulfate (98.5% Extrapure)	500 g										
21	Magnesium Chloride hexaHydrate (98% Extrapure)	500 g										
22	Magnesium Reagent	50 g										
23	Manganese Acatate	100g, 500g										
24	Manganese chloride	100g, 250g										
25	Manganese Nitrate	500 g										
26	Manganese Perchlorate	100g, 500 g										
27	Molybdenum Chloride (97% Extrapure)	100 g										
28	Molybdenum Nitrate	500 g										
29	Nickel (II) Chloride hexa hydrate (97% Extrapure)	500 g										
30	Nickel Chloride fenahydrate (98% AR)	500 g										

31	Nickel Nitrate hexahydrate (99% AR)	500 g										
32	Nitric Acid (69 AR)	2.5 ltr										
33	Phosperic Acid (Tribasic acid)	1 ltr										
34	Phosphorus Pentachloride (99%)	500 ml.										
35	Powdered Sulphur	100g										
36	Sodium perchlorate	250g, 500g										
37	Silver Nitrate (99% AR/ACS)	25 g										
38	Silver Nitrate (99.9% AR)	25 g										
39	Silver Sulphate (98.5% Extrapure)	10 g										
40	Sodium Acetate trihydrate (99% Extrapure)	500 g										
41	Sodium Carbonate Monohydrate (99% AR/ACS)	500 g										
42	Sodium Nitrite (98%AR)	500 g										
43	Sodium Sulfite (95% Extrapure)	500 g										
44	Stannous Chloride dehydrate (98% AR)	100 g										
45	TBP	1 ltr.										
46	Thorium Chloride (Nonradian)	100 g										
47	TriethyleneTetraamine/TetraethylenePentamine	1 kg										
48	Tungsten Chloride	100 g										
49	Vanadium Nitrate	100 g										
50	Zinc Chloride (98% AR)	500 g										
51	Zircnorinium Chloride	500 g										
52	Zirconium OxyChloride	100 g										
53	Zirconium OxychlorideOctahydrate (99% AR)	100 g										

LIST OF CHEMICALS FOR PHYSICAL CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		TCI	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Aluminium Nitrate Hydrate	500 g								
2	Ammonia Sol ⁿ (25% AR)	500 ml.								
3	Ammonium Ceric Nitrate (99% AR/ACS)	500 g								
4	Ammonium Solution (28-30% Extrapure)	2.5 ltr.								
5	Benzene (99% Extrapure)	500 ml.								
6	Carbon Tetrachloride (99.5% AR)	500 ml.								
7	Ceraus Nitrate (99.9% AR)	100 g								
8	Chloroform (99% Extrapure)	500 ml.								
9	Cobalt Chloride hexahydrate (98% AR)	500 g								
10	Cyclohexane (99% Extrapure)	500 ml								
11	Ethanol	2.5 ltr								
12	Ethanol (6 pack) (CHINA)	500 ml								

13	Ethyl acetate (99.5% Extrapure)	500 ml.							
14	Graphite	500 g							
15	Iodine-resublimated (98.5% Extrapure)	100 g							
16	Lanthanum Nitrate hexahydrate(99% AR)	100 g							
17	Magnesium Chloride hexaHydrate (98% Extrapure)	500 g							
18	Methanol (99.8% AR/ACS)	2.5 ltr							
19	Molybdenum Chloride (97% Extrapure)	100 g							
20	n-Hexane (99% AR)	500 ml.							
21	Silver Nitrate (99% AR/ACS)	25 g							
22	Stannous Chloride dehydrate (98% AR)	100 g							
23	Tungsten Chloride	100 g							
24	Waat Mann Filter Paper 40''	2 pkt.							

LIST OF CHEMICALS FOR BIO-CHEMISTRY LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Merck(India)		Sigma		Himedia	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Arsenazo	5 g								
2	Bovine fractiv Albumin (98%AR)	05 g								
3	Casein Protein (98% Extrapure)	500 g								
4	German silver	25 g								
5	Homocystine	100g								
6	L-Alanine	100 g								
7	L-Arginine	100 g								
8	L-Asparagine	100 g								
9	L-Aspartic acid	100 g								
10	L-Cysteine	100 g								
11	L-cystine (dimer)	100 g								
12	L-Glutamic acid	100 g								
13	L-Glutamine	100 g								
14	L-Glycine	100 g								
15	L-Histidine	100 g								
16	L-Isoleucine	100 g								
17	L-Leucine	100 g								
18	L-Lysine	100 g								
19	L-Methionine	100 g								
20	L-Phenylalanine	100 g								
21	L-Proline	100 g								
22	L-Serine	100 g								
23	L-Threonine	100 g								
24	L-Tryptophan	100 g								
25	L-Tyrosine	100 g								

26	L-Valine	100 g								
27	Orcinol Monohydrate (99%AR)	10 g								
28	RNA Sodium Salt	10 g								
29	Topo	100 g								
30	Trioctylamine	1 ltr								

LIST OF CHEMICALS FOR B.TECH. LABORATORY

Sl. No.	Name of chemicals	Qty	LOBA		Qualigens		Fischer Scientific		Finar	
			Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)	Cat No.	Rate (Rs.)
1	Ammonia Sol ⁿ (25% AR)	500 ml.								
2	ammonium oxalate	500g								
3	Ammonium Solution (28-30% Extrapure)	2.5 ltr.								
4	borax	100g								
5	Cobalt chloride	100g, 500g								
6	cobalt nitrate	100g, 500g								
7	Disodium salt of EDTA (99% AR)	500 g								
8	DNS Reagent	25 g								
9	Dolomite	1 kg								
10	EDTA	500g								
11	Eriochrome black-T	25 ml								
12	Ethylacetate	500 ml.								
13	Glacial acetic acid	2.5 ltr.								
14	Glacial Acetic Acid (99.5% Extrapure)	2.5 ltr.								
15	Hydrochloric Acid	2.5 ltr.								
16	limestone	500g								
17	Methanol	500 ml.								
18	Methyl Orange	25g, 100g								
19	Methyl red	25g, 100 g								
20	Methyl thymol blue	25 ml								
21	Methylene-blue-indicator	25 ml								
22	Mohr salt	500 g								
23	Nitric Acid	2.5 ltr.								
24	Oxalic acid	500g								
25	pH paper	5 pkt								
26	Phenolphthalein	100g								
27	Potassium Iodide	2 kg.								
28	potassium hydrogen phthalate	100g								
29	potassium permanganate	500g								
30	Silver Nitrate	500g								

31	sodium carbonate	500g								
32	sodium dihydrogenphosphate	100g								
33	sodium hydroxide	500g								
34	sodium oxalate	500g								
35	Sodium thiosulphate	500g								
36	sodiumhydrogen phosphate	100g								
37	Starch	500 g								
38	Sulfuric Acid (98%AR)	2.5 ltr.								

IMP: (i) The chemical must be of as per the specifications.

(ii) Price bid will not be considered for any particular item if make of it is not mentioned.

(iii) **The quantity as mentioned in the tender or package of the manufacturer or should be written with % purity, Catalogue/CAS number/Code number as per manufacturer catalogue.**

(iv) Quantity required are approximate which may change during finalization.

Date;

Place:

Signature of the authorized person & seal