



# BANKURA UNIVERSITY

(West Bengal Act XIX of 2013- Bankura University Act, 2013)

Main Campus, Bankura Block-II, P.O.: Purandarpur, Dist.:

Bankura, Pin- 722155, West Bengal

## Office of the Registrar

No: RO/BKU/ 402/2022

Date: 22 /07/2022

### Tender Notice

Sealed quotations are invited from the reputed manufacturers, suppliers and Vendors for procurement of Laboratory Chemicals for the Department of Chemistry, Bankura University.

The quotations are to be submitted to the Registrar, Bankura University, Bankura Block-II, P.O.- Purandarpur, Bankura, Pin- 722155. Last date of submission of quotation is on 29/07/2022 up to 3.00 p.m.

#### Eligibility criterion of participation in the tender:

- Bonafide, resourceful and reliable Vendors.
- An undertaking should be given stating thereby that the firm has not been debarred or penalized for any reasons out of work by any Government Department.
- Subletting of suppliers is strictly prohibited.
- The prospective bidders must have valid upto date clearance of Income Tax return / Professional Tax clearance certificate / P.T (Deposit Challan) / PAN Card / **GST registration certificate**.
- The prospective bidders must have valid Trade License/ Enlistment.
- The authorised Dealers/ Vendors must have authorization certificate of dealership.
- The suppliers who have been delisted or debarred by any government department shall not be eligible in any way.
- Past performance for vender will be judged (please attached three largest clients other than the Bankura University).
- Rate is to be inclusive of all taxes and transport charges etc.
- The rates will be valid upto 30.12.2022.
- The University reserves the right to accept or reject any quotation without assigning any reason whatsoever.

#### **Statement showing the Name, specifications and quantity of the items:**

Sl. No.	Name of the Chemicals	CAS No/ specification	Supplier	Quantity
1.	2-Chloroethyl methyl sulfide	2987-53-3	Sigma	5G
2.	Ammonia sol 28-30% for analy	1336-21-6	Merck	500 mL X2
3.	Nickel(II) perchlorate hexahydrate	13520-61-1	Spectrochem	25 G
4.	Cobalt(II) perchlorate hexahydrate	13478-33-6	Spectrochem	25G
5.	Iron(II) perchlorate hydrate	335159-18-7	Sigma	100 G

6.	Tetrabutylammonium perchlorate	1923-70-2	Sigma	10 G
7.	Iron(III) perchlorate hydrate	15201-61-3	Sigma/ Spectrochem	100G
8.	Silver Oxide	20667-12-3	Spectrochem	25G
9.	Copper(II) perchlorate hexahydrate	10294-46-9	Sigma	100 G
10.	Ferrocene 98%	102-54-5	Spectrochem	100 G
11.	2-(Phenylthio)aniline	1134-94-7	Sigma	100G
12.	2,6-Diisopropylaniline	24544-04-5	Sigma	100 G
13.	1,3-Diphenyl-1,3-propanedione	120-46-7	Sigma	25 G
14.	8-Aminoquinoline 98%	578-66-5	Sigma	5 G
15.	Acetylacetone	123-54-6	Merck	500 mL X2
16.	Salicylaldehyde>98%	90-02-8	Spectrochem	500 mL
17.	Ethylenediamine	107-15-3	Spectrochem	500 mL
18.	6-Methylpyridine-2-carboxaldehyde	1122-72-1	Sigma/Spectrochem/Nike	5 G
19.	Hydrazine hydrate reagent grade, N <sub>2</sub> H <sub>4</sub> 50-60 %	10217-52-4	Merck/Loba	500 mL
20.	2-Aminophenol	95-55-6	Loba	250 GX2
21.	Pyridine ACS, ISO	110-86-1	Spectrochem	500G
22.	Piperidine >99% AR	110-89-4	Spectrochem	250 mL
23.	Cysteamine ~95%	60-23-1	Sigma	5 G
24.	Potassium dichromate 99.9%	7778-50-9	Merck	500 G
25.	Potassium permanganate 99.0% AR/ACS	7722-64-7	Loba	500 G
26.	di-Potassium oxalate monohydrate 500 G		merck	500 G X2
27.	Oxalic acid dihydrate EMPAR 500 G	6153-56-6	merck	500 GX 2
28.	Ammonium carbonate EMPLURA®	10361-29-2	merck	500 G
29.	2-Pyridinecarboxaldehyde	1121-60-4	Sigma	100 G
30.	2,6-Dimethylaniline	87-62-7	Spectrochem	250mL
31.	Sodium hydride 60 % dispersion in mineral oil	7646-69-7	Spectrochem	100 G
32.	18-Crown-6	17455-13-9	Spectrochem	25G

33.	2-(Methylthio)ethylamine	18542-42-2	Sigma	5 G
34.	4-tert-Butylbenzaldehyde	939-97-9	Sigma	25mL
35.	4-Bromobenzaldehyde	1122-91-4	Spectrochem	25G
36.	Perchloric acid		Merck	500 mL
37.	Methanol		Merck/Finar	25L
38.	2,2-DITHIOSALICYLIC ACID (2,2'-Dithiodibenzoic acid) ~95% tech. for synthesis	119-80-2	Spectrochem	100G
39.	METHYLIODIDE (Iodomethane) >99% for synthesis	74-88-4	Spectrochem	100G
40.	3,5-Di-tert-butylbenzaldehyde	17610-00-3	Sigma	1G
41.	2-PICOLINIC ACID >99%	98-98-6	Spectrochem	500G
42.	o-ANISIDINE 98% For Synthesis	90-04-0	Loba	500 mL
43.	TRIPHENYL PHOSPHINE >98%	603-35-0	Spectrochem	250 G
44.	Chloroform	67-66-3	Merck	2.5L
45.	12.5 mm Low-density polyethylene Syphon			1No
46.	Methyl red	493-52-7	Merck	25G
47.	Terephthalaldehyde	623-27-8	Sigma	100G
48.	Thiamine hydrochloride	67-03-8	Sigma	25G
49.	PHOSPHOROUS PENTASULPHIDE >98%	1314-80-3	Spectrochem	500G
50.	Benzyl bromide	100-39-0	Sigma	25G
51.	2-Bromopropane	75-26-3	Sigma	100G
52.	2-Bromo-2-methylpropane	507-19-7	sigma	100G
53.	Cetyltrimethylammonium bromide (AR)	57-09-0	LOBA Chemical	100 G
54.	Sodium Hydroxide(AR)	1310-73-2	LOBA/Merck	500 G X 2
55.	Potassium Chloride (AR)	7447-40-7	LOBA /Merck	500 G X 2
56.	<i>p</i> -Toluidine	<a href="#">106-49-0</a>	LobaChemie	500 g
57.	o-Chloroaniline	95-51-2	LobaChemie	500 g
58.	Methyl salicylate	119-36-8	LobaChemie	500 ml
59.	Phthalic acid	88-99-3	LobaChemie	500 g

60.	para-Methoxyphenol	<a href="#">150-76-5</a>	Spectrochem	250 g
61.	Ethyl methyl ketone	78-93-3	LobaChemie	500 ml
62.	Cyclohexanone	108-94-1	Spectrochem	1 lit
63.	Resorcinol	108-46-3	LobaChemie	250 g
64.	Catechol	120-80-9	Spectrochem	500 g
65.	Crotonaldehyde	123-73-9	LobaChemie	500 ml
66.	Formic acid	64-18-6	Spectrochem	500 ml
67.	Acetic acid	64-19-7	Spectrochem	500 ml
68.	Diethylphthalate	84-66-2	LobaChemie	500 mlX2
69.	Nitric acid (Conc.)	7697-37-2	Merck India	2.5 lit
70.	Benzaldehyde	100-52-7	Spectrochem	500 ml
71.	Nitrobenzene	98-95-3	Spectrochem	500 ml
72.	4-tert-Butylphenol	<a href="#">98-54-4</a>	LobaChemie	500 g
73.	Methyl-4-hydroxybenzoate	99-76-3	SRL	500 g
74.	Cyclohexanol	108-93-0	LobaChemie	500 ml
75.	Triethylamine	<a href="#">121-44-8</a>	Merck India	500 ml
76.	Ethylamine	<a href="#">75-04-7</a>	Spectrochem	1 lit
77.	Ethyl benzoate	93-89-0	LobaChemie	500 ml
78.	Benzyl alcohol	100-51-6	LobaChemie	500 ml
79.	Phenol	108-95-2	Spectrochem	500 ml
80.	Benzophenone	119-61-9	Spectrochem	500 ml
81.	Methyl iodide	74-88-4	Spectrochem	100 mL
82.	Ethyl iodide	75-03-6	Spectrochem	100 mL
83.	$\beta$ -Naphthol	135-19-3	LobaChemie	500 g
84.	Dimethyl sulphate	64-67-5	Spectrochem	500ML
85.	Uracil	66-22-8	Spectrochem	100 g
86.	Sulfuric acid (Conc.)	7664-93-9	Merck India	2.5 lit

87.	Quinoline	91-22-5	Spectrochem	500ML
88.	Ethylene Diammonium Di Acetate (EDDA)	60-00-4	Spectrochem	500 g
89.	p-Toluene Sulphonyl Chloride >98%	98-59-9	Spectrochem	500 g
90.	Magnesium sulphate heptahydrate	<a href="#">10034-99-8</a>	LobaChemie	500 gX2
91.	Phthalic anhydride	85-44-9	LobaChemie	500 g
92.	Urea	57-13-6	LobaChemie	500 g
93.	Bromine 99% puriss AR	7726-95-6	Spectrochem	250 ml
94.	Anthranilic acid	<a href="#">118-92-3</a>	Sigma	500 g
95.	<i>para</i> -Amino benzoic acid	150-13-0	LobaChemie	500 g
96.	Sodium nitrite	7632-00-0	LobaChemie	500 gX2
97.	m-Toluic acid	99-04-7	LobaChemie	500 g
98.	Benzoin	119-53-9	Spectrochem	250 g
99.	Hydrochloric acid (Conc.)	7647-01-0	Merck India	2.5 lit X 2
100.	Ethyl acetoacetate	141-97-9	LobaChemie	500 ml
101.	Paraformaldehyde	30525-89-4	LobaChemie	500 g
102.	Ammonium acetate	631-61-8	LobaChemie	500 g
103.	Hydrazine hydrate	10217-52-4	Spectrochem	500 mL
104.	Sodium sulphide (anhy. 98% AR/ACS)	27610-45-3	LobaChemie	500 g
105.	Sodium bicarbonate	144-55-8	LobaChemie	500 gX4
106.	Glycine (99% AR/ACS)	56-40-6	LobaChemie	500 g
107.	Benzoyl chloride (99% AR)	98-88-4	LobaChemie	500 ml
108.	Methyl orange	547-58-0	LobaChemie	100 g
109.	Red phosphorus	7723-14-0	LobaChemie	500 g
110.	Sodium metal pieces in kerosene	<a href="#">7440-23-5</a>	Spectrochem	200 g
111.	Iron(II) sulfate heptahydrate	7782-63-0	Merck India	500 g
112.	Iron(III) chloride	7705-08-0	Merck India	500 g
113.	Lead acetate trihydrate	6080-56-4	LobaChemie	500 g

114.	2,4-dichlorophenol	120-83-2	LobaChemie	100 gm
115.	Acetonitrile	75-05-8	Merck India	2.5 lit
116.	Sodium carbonate anhydrous	497-19-8	LobaChemie	500 gX4
117.	Benzamide	55-21-0	LobaChemie	500 g
118.	Acetamide	60-35-5	LobaChemie	500 g
119.	p-Benzoquinone	106-51-4	LobaChemie	250 g
120.	p-Nitrobenzoic acid	62-23-7	LobaChemie	500 g
121.	Hydroxylamine hydrochloride	5470-11-1	LobaChemie	500 g
122.	Sodium Bisulphite	7631-90-5	LobaChemie	500 g
123.	2,4-Dinitrophenyl Hydrazine	119-26-6	LobaChemie	500 g
124.	Copper(II) sulfate pentahydrate	7758-99-8	LobaChemie	1 kg
125.	Potassium sodium tartratetetrahydrate	6381-59-5	LobaChemie	500 g
126.	4-Hydroxybenzoic acid	99-96-7	LobaChemie	500 g
127.	Potassiumper- manganate, AR	7722-64-7	LobaChemie	500 g
128.	2,4-Dinitrochloro benzene	97-00-7	LobaChemie	100 g
129.	Salicylic acid	69-72-7	LobaChemie	500 g
130.	Potassium ferrocyanide	14459-95-1	LobaChemie	500 g
131.	Salicylaldehyde	90-02-8	LobaChemie	250 ml
132.	Zinc dust	7440-66-6	LobaChemie	500 g
133.	Ammonium chloride	12125-02-9	LobaChemie	500 g
134.	Granulated Tin (99.5%)	7440-31-5	LobaChemie	100 g
135.	1-Naphthol	90-15-3	LobaChemie	100 g
136.	Phenylacetic acid	103-82-2	LobaChemie	500 g
137.	Diethyl malonate	105-53-3	LobaChemie	500 ml
138.	Ninhydrin	485-47-2	LobaChemie	100 g
139.	Pyridine-isatin reagent	91-56-5	LobaChemie	100 g
140.	Glycine	56-40-6	Merck India	500 g

141.	Alanine	56-41-7	LobaChemie	100 g
142.	Isoleucine	73-32-5	LobaChemie	25 g
143.	Proline	147-85-3	Spectrochem	100 g
144.	Ortho nitroaniline	88-74-4	SRL	250 g
145.	Para nitroaniline	100-01-6	LobaChemie	250 g
146.	Glycerol	56-81-5	Merck India	500 ml
147.	Aniline	62-53-3	Merck India	500 ml
148.	Glacial Acetic acid	64-19-7	Merck India	2.5 lit
149.	Acetanilide	103-84-4	LobaChemie	500 g
150.	Acetophenone	98-86-2	Merck India	500 ml
151.	Phosphorus pentoxide	1314-56-3	Merck India	250 g
152.	4-Methoxyphenol	150-76-5	Spectrochem	100 G
153.	2-Chlorophenol	95-57-8	LobaChemie	500 gm
154.	3-Chlorophenol	108-43-0	LobaChemie	100 gm
155.	4-Chlorophenol	106-48-9	LobaChemie	500 g
156.	2,4-Dichlorophenol	120-83-2	LobaChemie	100 g
157.	Benzyl bromide	100-39-0	LobaChemie	250 ml
158.	Benzophenone	119-61-9	LobaChemie	500 g
159.	Dehydroacetic acid	520-45-6	Sigma-Aldrich	100 G
160.	1,3- Indanedione	606-23-5	Sigma-Aldrich	5 G
161.	Pyridine	110-86-1	Merck India	500 mL
162.	Phosphorus pentachloride	10026-13-8	LobaChemie	500 g
163.	Thionyl chloride	7719-09-7	Spectrochem	500 ml
164.	Aluminium chloride (Anhyd.)	7446-70-0	LobaChemie	500 g
165.	Calcium chloride	10035-04-8	Spectrochem	500 g
166.	Calcium hydride	7789-78-8	Spectrochem	25G
167.	Calcium carbonate	471-34-1	Spectrochem	500 g

168.	tert-butyl chloride	507-20-0	Spectrochem	500mL
169.	Anhydrous Sodium sulphate	7757-82-6	LobaChemie	1 kg
170.	Anhydrous potassium sulphate	7778-80-5	SRL	500gm
171.	Dimethyl phthalate	131-11-3	Merck India	2.5 lit
172.	Paraffin oil	8012-95-1	Spectrochem	1lit
173.	Blue litmus paper		Merck India	10BKT
174.	Red litmus paper		Merck India	10BKT
175.	Silica Gel (60 -120 mesh size)	112926-00-8	SRL	1 KG
176.	Silica Gel (230-400 mesh size)	112926-00-8	Spectrochem	500
177.	TLC Silica gel 60 F <sub>254</sub> sheet L×W 20 cm×20 cm, aluminum support		Sigma-Aldrich	pkg of 25 sheets,
178.	<u>Rectangular TLC Plate For Chromatography</u>		MERCK	3850 per packet
179.	Polyphosphoric acid for synthesis	8017-16-1	Loba	500 g
180.	1-phenyl-3-methyl-5-pyrazolone	89-25-8	TCI	500 mg
181.	H <sub>2</sub> O <sub>2</sub>	7722-84-1	Merck India	500 mL
182.	Mercury		Merck India	250 g
183.	Acetone	67-64-1	Spectrochem	500 ml X 5
184.	Ethanol 99% absolute	64-17-5	Local	500 ml X 10
185.	Diethyl ether (Dry)	60-29-7	Merck India	2.5 lit X2
186.	Chloroform	67-66-3	Merck India	2.5 lit X 2
187.	Dichloromethane	75-09-2	Merck India	2.5 lit
188.	Hexane	110-54-3	Merck/SRL	25 lit / 2.5 lit X2
189.	Petroleum ether	8032-32-4	Spectrochem	2.5 lit X 2
190.	Ethyl acetate, extrapure AR (for chromatography)	141-78-6	Merck	2.5 lit X 2
191.	Sodium hydroxide	1310-73-2	Merck India	1 kg
192.	Potassium hydroxide	<a href="#">1310-58-3</a>	LobaChemie	500 g X 2
193.	Benzene	71-43-2	Merck India	2.5 lit
194.	Toluene	108-88-3	Merck India	2.5 lit



195.	Chlorobenene	108-90-7	SRL	1 lit
196.	N, N-Dimethyl formamide, ACS grade	<a href="#">68-12-2</a>	Merck India	2.5 lit
197.	Dimethylsulfoxide (DMSO)	67-68-5	Merck India	2.5 lit
198.	Isopropanol	67-63-0	Spectrochem	2.5 lit
199.	1-Butanol	71-36-3	Merck India	2.5 lit
200.	Tetrahydrofuran (THF)	109-99-9	Finar	2.5L
201.	1,4-Dioxane, pure, 99%	123-91-1	SRL	500 ml
202.	Potassium carbonate EMPLURA®	584-08-7	Merck	500 G
203.	2-Propanethiol	75-33-2	Sigma	100 mL

**Sd/-**  
**Prof. Subir Kumar Roy**  
**Registrar (Addl. Charge)**  
**Bankura University**

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Memo No. RO/BKU/ 402 / 1 (05)/2022

Date: 22/07/2022

Copy Forwarded to:

1. The Finance Officer, Bankura University.
2. System Administrator, Bankura University with a request to upload the notice in the university website
3. Central Store, Bankura University
4. Office Notice Board.
5. Guard file

**Sd/-**  
**Prof. Subir Kumar Roy**  
**Registrar (Addl. Charge)**  
**Bankura University**

