

GOKHALE MEMORIAL GIRLS' COLLEGE

1/1, HARISH MUKHERJEE ROAD, KOLKATA-700020

Ref: GMGC/Admin/Tender/19-20/No.002

Date: 11/09/2019

TENDER NOTICE

Notice Inviting Quotations for Equipments& Chemicals

Tenders are invited in sealed envelopes from reputed suppliers by Gokhale Memorial Girls' College, Kolkata, for the purchase of the following laboratory equipments, chemicals & electronic devices for different subjects. The envelope must be sealed & superscribed as "Q /Chemistry / CNDV / Languages (As applicable) & Confidential". The sealed envelopes for each subject should be submitted at the College Drop box from 12/09/19 to 24/09/19 between 10.30 a.m. – 4.30 p.m. on all working days. Bidders will be intimated in due time after opening of the quotations.

TERMS & CONDITIONS:

1. Only reputed suppliers can bid the quotation for any or all of the items with their Income Tax/ Sale Tax clearance certificate, GST Registration number & Credentials without which the quotation will be summarily rejected.
2. The College reserves the rights to accept or cancel bid, unilaterally without assigning any reason prior to placement of supply orders without incurring any liability or any obligation and no correspondence from either side in that matter will be entertained.
3. The laboratory equipments& chemicals must be supplied to the College within three weeks of the confirmed order. Any deviation in this regard will attract Stop Payment of the bill submitted.
4. The rates will be inclusive of delivery charges and GST etc and must be valid for one year.
5. The materials will be rejected if any defect and/or deviation in quality from specification or of old stock is found.

Date: 11/09/19

Place: Kolkata-700020

Department of CNDV

Academic Session 2019-20 (Semester 3)

List of the chemicals (as per C.U. syllabus) to be purchased:

Sl. No.	Name of chemical	Quantity	Specification (All chemicals AR grade)
1.	Amino naphthol sulfonic acid	25 g	<div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">SRL</div> <div style="flex-grow: 1; border-left: 1px solid black; margin: 0 5px;"></div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">SRL</div> </div>
2.	Potassium thiocyanate	500 g	
3.	Ascorbic acid	100 g	
4.	Ferric nitrate (nonahydrate)	500 g	
5.	Metaphosphoric acid	500 g	
6.	Sodium bicarbonate	500 g	
7.	Saturated picric acid aqueous solution	100 ml	
8.	Sodium sulphite AR (98 percent)	500 g	
9.	2,4-DNPH	25 g	
10.	Thiosemicarbazide	25 g	
11.	Diacetylmonoxime	25g	
12.	Ammonium oxalate monohydrate	500 g	
13.	Ammonia solution (25 percent)	500 ml	
14.	Ammonium molybdate	100 g	
15.	Sodium oxalate	500 g	
16.	Concentrated Nitric acid	500 ml	
17.	Potassium dihydrogen phosphate	500 g	
18.	Vitamin D ₃	1 g	
19.	methanol	500 ml	
20.	Thiourea	500gm	
21.	Urea	500 g	
22.	Creatinine	25gm	
23.	Concentrated hydrochloric acid	500 ml	
24.	Ammonium hydroxide	500 ml	
25.	Sodium hydroxide	500 g	
26.	OrthoPhosphoric acid	500 ml	
27.	n-butanol	500 ml	
28.	Acetic acid	500 ml	
29.	L-alanine	25 g	

30.	L-methionine	25 g	SRL ↑ ↓ SRL
31.	L-tyrosine	25 g	
32.	L-valine	10 g	
33.	Ninhydrin	10 g	
34.	Liquid bromine	250 ml	
35.	Potassium permanganate	500 gm	
36.	Sulphuric acid	500 ml	
37.	Urea	500 g	SRL
38.	Esbach reagent	12 ml x 2nos.	Loba
39.	Seliwanoff reagent	100 ml x 2nos	SRL
40.	Barfoed reagent	250 ml	SRL
41.	Ferric ammonium sulfate dodecahydrate (98 percent)	500 gm	SRL
42.	Ammonium thiocyanate	500 gm	SRL
43.	Sodium bisulphite	5gm	Sigma

All Chemicals are SRL Make Except the ones Mentioned

CNDV Equipments & Instrument List 2019-20 Semester 3 as per CU Syllabus

Sl. No.	Name of equipment/ instrument	Model No	Make	Specification	Quantity
1.	Vacuum Dessicator	-	Glass	Internal volume 160 mm (16 cm)	1
2.	Crucible	-	Silica	15 cc vol, dia 48-52 mm	2
3.	Wicks for spirit lamp	-	Cotton	4 mm diameter/ width	1 pack
4.	Spray bottle	-	Borosil	150 ml	1
5.	Chromatography paper sheets	1	Whatman	10x17 inches	25 sheets
6.	Reagent bottle	-	Brown	250 ml	5
7.	Paper chromatography cabinet	-	Wood & glass	60x30x60 cm	1
8.	Fridge	-	Double door,	vol-260 litres	1

			known company		
9.	Air pump/ air bubbler	-	-	With air pipe	1
10.	Hemoglobinometer	-	-	Sahli	5
11.	Blood group determination kit	-	-	-	1
12.	Permanent slide of mammalian tissue sections	-	-	Stomach, skin	1 each
13.	Litmus paper	-	-	All pH	10 Books

Requisition for the Department of Chemistry

Instruments to be purchased from RUSA fund for the Department of Chemistry as per CBCS syllabus

Sl. No.	Instrument	Model No	Make	Quantity	Remarks
1	Conductivity meter with Cell	D-511	Digital Instruments Corporation	02	
2	Potentiometer with Four electrodes	118	Electronics India (EI)	01	
3	Potentiometer with electrodes	CL-525	Chemiline	01	
4	pH-meter with electrodes	DP 505	Digital Instruments Corporation	02	
5	Colorimeter	C-181	Photochem	02	
6	Digital Polarimeter	EQ-801(Digital)	Equiptronics	01	
7	Copper calorimeter		BEXCO	02	
8	Digital thermometer (0° to 500°C)			05	
9	Magnetic stirrer cum heater	Q-20A	REMI	04	
10	UV-Visible spectrophotometer with printer	UV-1800	Shimadju	01	
11	Rotary evaporator	R-300	Buchi	01	
12	Printer cum scanner cum copier	HP laser jet pro M1136	HP	01	
13	Fortran, C and C++ software for one computer				
14	Melting Point Apparatus	ME POAP121	Contemp Melting Point Apparatus	04	
15	Water Bath	SSU 315	SSU Laboratory	02	

			water Bath		
16	Vacuum Pump	KV 20	Kirloskar 1HP vacuum pump three phase	02	

List of the chemicals (to be purchased from college

SL No.	Item	Capacity/ Package	Make	No. of items/ quantity
1	Rectified spirit	500 ml	Merck	6
2	Methanol	500 ml	Merck	6
3	Diethylether	500 ml	Merck	6
4	Napthalene	100 gm	Merck	1
5	Anthracene	100 gm	Merck	1
6	HCl	2.5 lt	Merck	1
7	Syrupy H ₃ PO ₄	2.5 lt	Merck	1
8	Liq NH ₃	2.5 lt	Merck	1
9	n-Butyl alcohol	500ml	Merck	1
10	Cyclohexanol	500ml	Merck	1
11	Acetylacetone	500ml	Merck	1
12	Benzoic acid	500 gm	Merck	1
13	Ethylmethylketone	500ml	Merck	1
14	PAN indicator	100gm		1
15	Murexide indicator	100gm		1
16	Chromatography paper	1dozen		1
17	Gooch crucible g4	2 dozen		1
18	8-hydroxy quinoline	500 gm	Merck	1
19	Ethylene diammine	500ml	Merck	1
20	Sodium Iodate	100mg	Merck	1
21	potasium Iodate	100mg	Merck	1
22	Sodium Bromate	100mg	Merck	1
23	Potasiumium Bromate	100mg	Merck	1

24	K ₄ [Fe(CN) ₆]	500 gm	Merck	1
25	K ₃ [Fe(CN) ₆]	500 gm	Merck	1
26	Succinic acid	500gm	Merck	1
27	Citric acid	500 gm	Merck	1
28	Benzaldehyde	500ml	Merck	1
29	Biphenyl	100 gm	Merck	1
30	p-Nitrotoluene	500 gm	Merck	1
31	p-Chlorobenzoic acid	500 gm	Merck	1
32	Benzophenone	500 gm	Merck	1
33	Acetophenone	500 ml	Merck	1
34	Isobutyl methyl ketone	500 ml	Merck	1
35	Isobutyl alcohol	500 ml	Merck	1
36	Ethyl methyl ketone	500 ml	Merck	1
37	n-Butyl alcohol	500 ml	Merck	1
48	Ammonium persulphate	250 gm	Merck	2
49	Ferric chloride	500gm	Ranken	1
50	Ferrous sulphate	500gm	Ranken	1

Requisition for the Departments of Bengali & English

Sl No	Item Name	Make	Model	Quantity
1	32" Smart HD LED TV	Samsung	32J4003	1
2	49" Full HD smart TV	Samsung	UA49N5300ARXXL	1
	Or 49" Full HD LED smart TV	Samsung	Series 5 UAR9UJ370 (Black) 2018	1
	Or 49" Full HD smart TV	LG	LGUK63	1
3	DVD Player	LG	DP132	1
		Or	Or	
		SONY	DVPSR760HP	1
		Or Panasonic	Or DVD5700 progressive	1