

# GOKHALE MEMORIAL GIRLS' COLLEGE

1//1, HARISH MUKHERJEE ROAD, KOLKATA-700 020

*Ref: GMGC/Admin/Tender/18-19/No.008*

*Date: 15/02/19*

## **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 for different subjects. The envelope must be sealed & superscribed as "Q/SUBJECT (As applicable) & Confidential". The sealed envelopes for each subject should be submitted at the College Drop box from 18/02/19 to 28/02/19 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: 15/02/19

Place: Kolkata-700020

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## DEPARTMENT: 1. Clinical Nutrition and Dietetics

### List of the Chemicals (as per C.U. syllabus) to be purchased for semester- II:

Sl. no.	Chemicals (Extrapure, Analytical Grade)	Quantity	Manufacturer
1	Sodium carbonate, anhydrous	500g x1	All SRL/ Merck
2	Sodium hydroxide pellets	500g x1	
3	Copper sulphate (CuSO <sub>4</sub> .5H <sub>2</sub> O)	500g x1	
4	Sodium-potassium tartrate (Rochelle's salt)	250g x1	
5	Phosphomolybdic acid	500ml	
6	Sodium bi sulphate (Sodium hydrogen sulphate)	250g x1	
7	EDTA (Disodium salt)	25g x1	
8	Sodium fluoride	25g x1	
9	Sodium tungstate	100g x1	
10	Sulphuric acid	500ml x1	
11	Glacial acetic acid	500ml x1	
12	Ferric chloride (anhydrous)	500g x1	
13	Cholesterol powder	10g x1	
14	Potassium iodide	50g x1	
15	Calcium chloride	50g x1	
16	Ethanol	500ml x4	
17	Sodium sulphite	50g x1	
18	Potassium oxalate (monohydrate)	500g x1	
19	Ammonium sulphate	500g x1	
20	Bovine serum albumin (BSA)	5g x1	
21	Trichloroacetic acid (TCA)	500g x1	
22	Folin-Ciocalteu reagent	200ml x1	
23	Zeolite	50g x1	
24	Calcium hydroxide	200g x1	
25	Lloyd's reagent (hydrated aluminium silicate)	50g x1	
26	Potassium hydroxide	500g x1	
27	Isopropanol	500ml x1	
28	Sodium metaperiodate	5g x1	
29	2,4-pentanedione	25ml x1	
30	Ammonium acetate	100g x1	
31	Triolein	100g x1	
32	Diethylether	500ml x1	
33	Oxalic acid	500g	
34	Hydrochloric acid	500ml x1	
35	Iodine powder	100g x1	
36	Potassium iodide	250g x1	
37	Sodium thiosulphate	50g x1	
38	Chloroform	500ml x1	
39	Bromine water	250ml x1	

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40	Phenolphthalein powder	100g x1	
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## List of the Equipments (as per C.U. syllabus) to be purchased for semester- II:

Sl. No.	Equipments	Quantity	Manufacturer
1.	Folin Wu tubes	30 nos.	All glass goods should be of Borosil make
2.	Glass centrifuge tubes	15ml x 20 nos.	
3.	Laboratory thermometer	2 nos.	
4.	Glass burette with stop cock, burette clamp and stand	25 ml burettes with stand x 8 nos.	
5.	Volumetric pipette	10 ml x3 nos. and 20 ml x 3 nos.	
6.	Volumetric flask	100ml x3 nos.	
7.	Mortar pestle (ceramic, medium size)		
8.	Crucibles	2 nos.	
9.	Capillary tube (1.5 mm diameter, 1 cm long)	10 nos. 50 nos.	
10.	Parafilm	1 roll	
11.	Tissue paper	3 rolls	

## List of the Instruments (as per C.U. syllabus) to be purchased for semester- II:

Sl. No.	Instruments	Quantity
1.	Water bath	1 no.
2.	Spectrophotometer	1no.
3.	Ice box	1no.
4.	Mechanical shaker	1no.
5.	Muffle furnace	1no.
6.	Reflux condenser	1no.

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## 2. Chemistry

Item	Amount	Quantity/ pack	Make
Ammoniumhydrogensulphide	500gm	1	Merck
Glycine	500gm	1	Merck
Dimethylaniline	500gm	1	Merck
Brass	100gm	1	TATA
Steel	100gm	1	TATA
Cement	500gm	1	
CuSCN	500gm	1	Merck
Alluminiumoxinate	500gm	1	Merck
Silica Crucible		12 nos.	
Chromatography paper			
Bleaching powder	500 gm	1 packet	Merck
Descicator		1	
sodium hydroxide	500 gm	1	Merck
Oxalic acid	500 gm	1	Merck
acetic acid	500 gm	1	Merck
potassum chloride	500 gm	1	Merck
hydrogen peroxide	1 L	1	Merck
sucrose	500 gm	1	Merck
Buffer capsules	pH 4 and pH 9	2 box each	Merck
Zn-dust	500gm	1	Merck
Sodium nitrite	500 gm	3	Merck
Sodium Sulphate	500gm	2	Merck
Sodium Phosphate	500 gm	2	Merck
Ferrous Sulphate	500gm	2	Merck
Viscometer (BOROSIL R)		25 nos	Borosil
Stalagmometer (BOROSIL R)		20 nos	Borosil
Weighing Bottle (BOROSIL R)		1 doz	Borosil
Bent U tube (salt bridge) (BOROSIL R)		30 nos	Borosil
Volumetric flask (BOROSIL R)	25 mL	10	Borosil
pH meter with pH electrode		1 (electrode 2 nos)	Digital Instrument Corporation
Calomel electrode		2	
Polarimeter (digital) of Equiptronics		1	
All in one Printer (HP laser)		1	HP Laser

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## 3. Geography

Sl.No	Item	Quantity	Manufacturer
1	Laser distance measurer	30	
2	Abney level	30	
3	Theodolite	4	
4	Dumpy level	4	
5	Prismatic compass	4	
6	Levelling Staff	2	
7	Ranging rod	2	
8	Plumb bob	2	
9	Tape(30 meters)	2	
10	Mouse	7	
11	Individual lockers for the faculty	6	
12	Quick heal	6 computers	
13	Gate way tracing paper	2rolls	
14	One compact computer table for all the computers of the lab	1	
15	Tourmaline mineral	4	
16	Clinometer	6	
17	Toposheet(open series)1:50000 F4564/f45I5/f4568/f45I9	50 copies each	

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## 4. Physics

The following LABORATORY INSTRUMENTS are required for the Physics department, under CBCS curriculum of the University of Calcutta for both Honours and Generic Practical.

SL. No	Name of the Instrument	Make & Specifications	Quantity
1	Determination of the elastic constants of a material by Searle's method	Full set-up (including installation)	1
2	Determination of the height of a building using sextant	Full set-up (including installation)	2
3	Determination of an unknown Low Resistance using Potentiometer	Full set-up (including installation)	1
4	To study the characteristics of a series RC Circuit	Full set-up (including installation)	1
5	Determination of the frequency of an electric tuning fork by Melde's experiment and verify $\lambda^2$ vs T law.	Full set-up (including installation)	1
6	Determination of the thickness of a thin paper by measuring the width of the interference fringes produced by a wedge-shaped Film	Full set-up (including installation)	1
7	Calibration of a thermocouple by direct measurement of the thermo-emf using operational amplifier and the constants.	Full set-up (including installation)	1
8	Construction of half subtractor, full subtractor, adder-subtractor using full adder IC	Full set-up (trainer kit preferable)	1
9	Construction of FF circuits using NAND gates	Full set-up (trainer kit preferable)	1
10	Construction of 4 bit shift registers (serial & parallel) using D type FF IC.	Full set-up (trainer kit preferable)	1
11	Construction of astable multivibrator using 555 Timer.	Full set-up (trainer kit preferable)	1
12	Measurement of Plank constant using LED	Full set-up (including installation)	1
13	Determination of ionization potential of Mercury	Full set-up (including installation)	1
14	Determination of e/m by using bar magnet	Full set-up (including installation)	1
15	Determination of the wavelength of H-alpha emission line of Hydrogen atom.	Full set-up (including installation)	1
16	To show the tunneling effect in tunnel diode using I-V characteristics.	Full set-up (trainer kit preferable)	1
17	Determination of (1) wavelength and (2) angular spread of He-Ne laser/ solid state laser using plane diffraction grating	Full set-up (including installation)	1
18	CRO (Oscilloscope)	Scientific / Metravi	2
19	Audio frequency generator (Sinusoidal wave only)	Scientific / Metravi Frequency range : 20 Hz to 200 KHz	4
20	Function generator (Sine, Triangular and Square wave generator)	Scientific / Metravi Frequency range : 20 Hz to 20 MHz	4
21	DC Regulated Power supply	Standard, Range: 0 to 12 Volts	5

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## 5. Mathematics

Sl no	Item	Quantity	Manufacturer
1.	Epson Scanner Printer (Model M-200 )	1	Epson
2.	Replacement of Roller for Laser Printer	1	HP
3.	Laser Pointer	2	From Branded Company
4.	Square Paper as per sample to be provided by the Deptt	1000 sheets	From any Printer

## 6. Psychology

Serial No.	Item	Quantity
1	The Sixteen Personality Factor (16 PF) Questionnaire	10 Sets
2	WASI II: Wechsler Abbreviated Scale of Intelligence, Second Edition, India (WASI-II INDIA)	2 Sets
3	Scanner + Printer	1

## 7. Communicative English

Sl. No.	Items	Quantity	Manufacturer
1	Sound System	4	Sony
2	Head Phone	4	Sony

## 8. Library

<u>Sl. No.</u>	<u>Item</u>	<u>Quantity</u>	<u>Manufacturer</u>
1.	Printer Cum Scanner Lesser	1	H.P.
2.	Catalogue Card Cabinet	1	

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## **Notice Inviting Quotations for Books**

Sealed tenders are invited from Publishers/Distributors/ Booksellers stating their maximum rates of discount for text and reference books on the following subjects. The sealed envelopes should be submitted at the College Drop box from 18/02/19 to 28/02/19 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.

1. Advertising, Sales Promotion and Sales Management
2. Bengali
3. Chemistry
4. Clinical Nutrition and Dietetics
5. Education
6. Communicative English
7. English
8. Economics
9. Geography
10. Hindi
11. History
12. Physics
13. Political Science
14. Psychology
15. Philosophy
16. Mathematics
17. Sanskrit
18. Sociology
19. Yearbook and Value Added Books



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## Notice Inviting Quotations for Stationary items

Sealed tenders are invited from **Consumer Cooperatives** for purchase of the following stationery items. The sealed envelopes for each subject should be submitted at the College Drop box from 18/02/19 to 28/02/19 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.

Sl.No.	ITEMS	Sl.No.	ITEMS	Sl.No.	ITEMS
1	Dust free Chalk Box	45	Pen-Blue		
2	Coloured Chalk Box	46	Pen-Green		
3	Calculator	47	Pen-Red	89	Glass
4	Duster (Pcs.)	48	Gel Pen-Blue	90	Plates
5	Duster Cloth (pcs.)	49	Gel Pen-Red	91	Tea cups
6	Hand Towel	50	Gel Pen-Black	92	Non-stick Tawa
7	Duster Feather (pcs.)	51	Ink Pad	93	Pressure Cooker
8	Funnel Cloth	52	Stamp Pad Ink(Bottle)	94	Mortal & Pestle
9	Full Scape (Dista)	53	Stamp with writing	95	Match box
10	Full Scape Sheets (ruled)	54	Paper Weight (pcs.)	96	Pan balance (kitchen scale)
11	A4 Paper(pkt.) JK, 75gsm Red	55	Marker Pen - Black/Blue/Red	97	Cotton roll absorbent
12	Stapler (pcs.)	56	Liquid soap (bottle)	98	Tissue roll
13	Stapler Pin(box) Kangaroo (10 & 24/6 No)	57	Dettol / Savlon Liquid ( antiseptic)	99	Butter Paper
14	U Gems Clip(box)	58	washing Powder (kg)	100	Serving Tong
15	Pencil	59	Board marker pen(pcs)	101	Phynyle
16	Colour Pencil	60	Binder Clip (1.25" & 1.5")	102	Hand Wash
17	Eraser (Kores)	61	Art Paper	103	Detergent
18	Sharpener	62	BURNOL	104	Vim Bar
19	Scale	63	Liquid Soap	105	Scotch Brite
20	Carbon Paper	64	Soap Bar	106	Harpic
21	AlPin (paper)	65	Betadine	107	Table duster
22	Candle	66	Bandage	108	Floor Duster
23	Chart paper	67	Volini	109	Mobstick
24	Scissor	68	Band-Aid	110	Mob
25	Garder (Rubber band) big & small (1 kg each)	69	COTTON PACKET	111	Broom
26	Knife	70	HIGHLIGHTER 500 gm PEN(Pcs.)(Yellow/green/pink)	112	Bathroom Brush
27	Board Pin(box)	71	Punching Machine	113	Napthalin
28	Exercise Book , big & small - 160 pages each	72	Torch Battery(No.1050)/Pencil Battery	114	Dustbin Plasic

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<b>29</b>	Minute Book	<b>73</b>	9 volt battery for multimedia( Duracell)	<b>115</b>	Mug
<b>30</b>	Ruled Register for Guardian Meeting/khata (184 & 328 pages)	<b>74</b>	Graph paper(pages) (mm)	<b>116</b>	Rubber
<b>31</b>	Stock Register	<b>75</b>	Graph paper(pages) (inch)	<b>117</b>	Acid
<b>32</b>	Tracing paper	<b>76</b>	Computer Cover(Pcs.)	<b>118</b>	Hand Gloves
<b>33</b>	File- Flat	<b>77</b>	Envelops brown (medium)	<b>119</b>	<b>Bucket</b>
<b>34</b>	File-Cover	<b>78</b>	Pen Stand	<b>120</b>	<b>Bleaching Powder</b>
<b>35</b>	File-Arch (big & small)	<b>79</b>	Sugar (Sucrose)		
<b>36</b>	File-Channel	<b>80</b>	Thinil		
<b>37</b>	Gems Clip(box) triangle	<b>81</b>	Araldite		
<b>38</b>	Cello Tape (1" & 2")	<b>82</b>	Rectified Spirit		
<b>39</b>	Brown Tape	<b>83</b>	Leather Gloves		
<b>40</b>	Gum(bottle) 500 ml, Cello	<b>84</b>	Whitener		
<b>41</b>	Feviquick	<b>85</b>	Bar code page		
<b>42</b>	Fevi stick (pcs) 100 ml	<b>86</b>	Book Labels		
<b>43</b>	Fevi col tube	<b>87</b>	Catalogue card		
<b>44</b>	Pen-Black	<b>88</b>	Plastic Jar		

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## Notice Inviting Quotations for Miscellaneous items

- I. Sealed Tenders are invited from Internet Service Providers for installation of internet connections of 20 Mbps speed capacity in the College Library and Departments. The sealed envelopes for each subject should be submitted at the College Drop box from 18/02/19 to 28/02/19 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.
- II. Sealed Tenders are invited from Suppliers/Dealers for installation of the AC in the College Premises. The sealed envelopes for each subject should be submitted at the College Drop box from 18/02/19 to 28/02/19 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.

SI No.	Item	Quantity	Manufacturer & Model No.)
1	1.5 ton Split non inverter Air Conditioner	4	Carrier (CAS18EO3N8FO) Hitachi (18HWBDS) Daikin (FTKH50SRV16) Voltas (185EYR)

- III. Sealed Tenders are invited from Suppliers/Dealers for purchase of OS in the College Office. The sealed envelopes for each subject should be submitted at the College Drop box from 18/02/19 to 28/02/19 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.

SL.No.	Description	Make & Model	Quantity
1	Windows 10 professional USB 3 <b>Or</b> Windows 10 professional OEM pack	Microsoft	4 Users
2	Windows 10 Home USB 3 <b>Or</b> Windows 10 Home OEM pack	Microsoft	4 Users