

Tenders are invited in sealed envelopes from reputed suppliers by South Calcutta Girls' College, Kolkata, for the purchase of the following laboratory equipment & chemicals for different subjects and other general purchases.

The envelope must be sealed & labelled as "Q/SUBJECT (As applicable) & Confidential". The sealed envelopes for each subject should be submitted at the College within **20.11.2017 ,1 pm.**

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 equipment & chemicals and other materials must be supplied to the College in due time, as per requirement. Any deviation in this regard will attract Stop Payment of the bill submitted.
4. The rates will be inclusive of delivery charges and inclusive 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.

Place: Kolkata-700025

Date: 14/11/17

**For Preparation of New Laboratory in Chemistry**

Suppliers are hereby informed to submit the quotations of price of the chemicals made by E.Merck(India), Rankem, Qualigens, SRL, Spectrochem, Himedia, SD Fine, LOBA, Nice, Biswabharati, Lucky etc with discount rate (on price list) in a sealed envelope.

Chemicals:

1. All the standard chemicals used in UG Chemistry ( General) Laboratory of the colleges under the University of Calcutta.

Glassware:

1. All the standard Glassware (Borosil and Borosilicate glass) used in UG Chemistry ( General) Laboratory of the colleges under the University of Calcutta.

## Department

### Journalism and Mass Communication.

- |                                  |       |
|----------------------------------|-------|
| 1. Nvidia Quadro Graphics Card   | 1 no  |
| 2. Adobe Premiere Cs3 (Software) | 1 no  |
| 3. LAN CARD (WIFI RECEIVER)      | 2 no. |

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### Sanskrit

1. BARAHA SOFTWARE ( SANSKRIT LANGUAGE) 1 no.

## Department of Botany

### Equipment:-

1. Compound microscope with mechanical stage and light arrangement; objectives- 10X, 40X, 100X; Eyepiece-10X
2. Camera Lucida
3. Eyepiece: 5X and 10X
4. Objectives: 10X, 40X, 100X
5. Cork Borer
6. Stage Micrometer: ERMA, Japan
7. Ocular Division: ERMA, Japan
8. Thermometer- 0° to 100° C
9. Museum specimen (*Dryopteris*)

### Glass Goods:-

1. Bell-Jar: Medium size
2. Beaker: 100ml, 250ml, 500ml, 1000ml, 2000ml (Borosil and Local)
3. Burette-50cc
4. Jet Funnel
5. Funnel- Medium size
6. Flask- 50ml, 100ml, 250ml (Borosil and Local)
7. Pipette- 1ml, 5ml, 10ml.
8. Respiroscope with Graduated tube (Round bottom flask with cork and graduated tube)

### Chemicals:-

1. Glacial Acetic acid
2. Ammonium Hydroxide
3. l-Butanol
4. Silver Nitrate (E.Mark/Local)
5. Acetic acid

6. Canada Balsam
7. Folin Phenol reagent
8. Formaldehyde
9. Hydrochloric acid
10. Sulphuric acid
11. Nitric acid
12. DPX
13. Crystal Violet solution
14. Methylene Blue
15. Denige's Reagent
16. Dextrose/ Glucose

### **Department of Zoology**

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|----------|---|
| <b>A</b> | <b>Instruments</b>  |
| 1        | Compound Microscope with mechanical stage with light, objective (10X, 40X), Eye piece (10X, 40X). |
| 2        | Portable digital pH meter   |
| 3        | Plastic Burette Stand   |
| 4        | Plastic Burette with regulator  |
| 5        | Induction Oven/ Heater  |
| <b>B</b> | <b>Glass Goods</b>  |
| 1        | Conical Flask (50ml,100ml,250ml)(Borosil & Local)   |
| 2        | Volumetric Flask (100ml,1000ml)(Borosil & Local)  |
| 3        | Beaker (100ml., 250ml, 500ml)(Borosil & Local)  |
| 4        | Bottle with stopper (500ml) (Borosil & Local)   |
| 5        | Measuring cylinder (50ml, 100ml,)(Borosil & Local)  |
| 6        | Pipette (1ml,2ml,5ml,10ml) (Borosil & Local)  |
| 7        | Funnel (2" & 9")(Borosil & Local)   |
| 8        | Test tube (Borosil & Local)   |
| 9        | Test tube rack  |
| <b>C</b> | <b>Chemical</b>   |
| 1        | Ammonium Hydroxide  |
| 2        | Thymol  |
| 3        | Conc. Sulphuric Acid  |
| 4        | Hydrochloric Acid   |
| 5        | Iodine  |
| 6        | Copper Hydroxide  |
| 7        | Glacial Acetic Acid   |

8	Copper Acetate
9	Resorcinol
10	Nitric Acid
11	Starch
12	Sucrose
13	Maltose
14	Fructose
15	Mercury
16	Sodium Hydroxide
17	Gelatin
18	Peptone
19	Glycerol
20	Urea
21	Uric Acid
22	Folin's reagent
23	Sodium Carbonate
24	Giemsa Stain
25	Sodium Hypobromite
26	Anhydrous Sodium Carbonate
<b>D</b>	<b>Museum Specimen</b>
1	Elphidium
2	Apis
3	Araneus
4	Chaetopterus
5	Nereis
6	pheretima
7	sabella
8	Dentalium
9	Tenulosa
10	tilapia
11	Mytilus
12	Sea-lily
13	Branchiostoma
14	ascidia
15	Tylototriton
16	Vipera
17	Hydrophis
18	Chelone
19	Testudo
20	Calotes
21	Varanus
22	Mega-Chiroptera
23	Nautilus

24	Mystus
25	Sphyrna
26	Necturus
<b>E</b>	<b>Osteology</b>
1	Skull of poisonous snake
2	Vertebrae of Columba & Cavia
3	Appendicular bones of Columba & Cavia
	<b>Histology Slides</b>
1	Testis
2	Liver
3	Pancreas
4	Thyroid
5	Kidney
6	Ovary
7	Stomach
8	Lung
<b>F</b>	<b>Larval Stages - Slides</b>
1	Nauplius
2	Mysis
3	Megalopa
4	Glochidium
5	Trochophore
6	Zoea
<b>G</b>	<b>Parasites - Slides</b>
1	Entamoeba
2	Trypanosoma
3	Leishmania
4	Plasmodium Vivax
5	Plasmodium falciparum

### **Department of Geography**

- 1.Ceiling Mount Projector with adjustable white screen.
- 2.Prismatic Compass with folding stand.
- 3.Satellite Imagery
- 4.Three Dimensional Geomorphic feature oriented wall maps with aluminium frame binding.
- 5.Climatic Wall Maps with aluminium frame binding.
- 6.Metalled Tape.
- 7Automatic Level Instrument.
- 8.Open Series Toposheets of Survey of India.

### **Department of Psychology**

1. Weight Discrimination Box:
  - a) Standard Weight 50 grams.  
Range 44 - 56 gms. Difference 1 gm
  - b) Standard Weight 100 grams.  
Range 88 - 112 gm. Difference 2 gms
  - c) Standard Weight 200 grams.  
Range 176-224 gms. Difference 4 gms
2. Koh's Block Design Test with manual and scoring
3. Cube Construction Test with manual and scoring
4. Guilford-Zimmerman Interest Inventory with manual and scoring
5. Strong and Deb Interest Inventory with manual and scoring
6. State-Trait Anxiety Inventory with manual and scoring-Indian Adaptation  
[English and Bengali Version]
7. Ergo-cracker with weights (1000gms, 1500gms and 2000gms) and paper
8. Metronome
9. Reaction timer
10. Chronometer with time marker
11. Soft Board-A) Length-4'-0  
B) Breadth-3'-0

## CENTRAL QUOTATION

### 1. Computer, camera, audio-visual aids and accessories

- a) Desktop Computer :DELL/OPTIPLEX 3050 MT (B250 chip set), INTEL **CORE i3-7100**/4GB DDR 4 RAM/ 1 TB SATA HDD/UBUNTU/19.5 inches – E2016HV/DVD RW
- b) Desktop Computer: DELL/OPTIPLEX 3050 MT (B250 chip set), INTEL **CORE i5- 7500** / 4GB DDR 4 RAM/ 1 TB SATA HDD/UBUNTU/19.5 inches – E2016HV/DVD RW
- c) Classroom Portable Projector by Casio/others
- d) Projector screen
- e) Camera – Nikon SLR
- f) Microphone
- g) Sound box
- h) Amplifier
- i) Calculator (CASIO 12 digits)
- j) Ceiling mounted projector with adjustable white screen

### 2. Furniture

- a) Wooden Dias (classroom platform) 60inches x 60 inches x 10 inches
- b) Wooden Chairs with arms
- c) Wooden Armless chairs
- d) Steel almirah (office) 78 inches x 34 inches x 22 inches
- e) Steel Bookshelf with horizontal glass door arrangement (three shelves) 60 inches x 33 inches x 14 inches
- f) Wooden Computer tables
- g) Big white board
- h) Wooden Tools (12 inches x 12 inches x 30 inches)
- i) Wooden Teachers' tables (36 inches x 24 inches x 30 inches)
- j) Notice board (24 inches x 30 inches) with transparent glass cover

### **3. Electrical items**

- a) Ceiling fans
- b) Tubelight
- c) Wall fitted fans

## **Department of Physiology**

Proposal for purchasing Physiological apparatus, instruments, glass goods and chemicals in the Session: 2017-2018 by State Level Development Fund which was notified by the Principal on 7th November, 2017

### **Equipments:-**

1. Compound microscope with mechanical stage with light arrangement; objectives- 10X, 40X; Eyepiece-10X
2. Sphygmomanometer
3. Plastic Burette stand
4. Plastic Burette
5. Antheromatic rod
6. Weighing machine
7. Pneumograph
8. Kymograph machine with drum
9. Overhead Projector
10. Water distillation plant

### **Glass Goods:-**

1. Conical Flask- 50ml, 100ml, 250ml (Borosil and Local)
2. Volumetric Flask: 100ml, 1000ml (Borosil and Local)
3. Beaker: 100ml, 250ml, 500ml (Borosil and Local)
4. Funnel- 2", 3" .
5. Measuring cylinder- 100ml (Borosil)
6. Pipette- 5ml, 10ml. (Borosil/ Local)

### **Chemicals:-**

1. Ammonium Hydroxide
2. Glacial Acetic acid

3. BQR- Quantitative
4. BQR- Qualitative
5. Silver Nitrate (E.Mark)
6. Hydrochloric acid
7. Sulphuric acid
8. Nitric acid
9. NaOH
10.  $\text{Na}_2\text{CO}_3$
11. Glucose
12. Fructose
13. Starch
14. Gelatin
15. Peptone
16. Acetone
17. Urea
18. Lactic acid
19. Glycerol
20. Dextrin
21. Lactose
22. Bile salt
23.  $\text{CuSO}_4$
24. Barium Chloride
25. Ammonium molybdate
26. Sodium hypobromite
27. Picric acid
28. Sodium nitroprusside
29. Sulphur dust
30. Ammonium sulphate
31. Phenol
32. Ferric oxide
33. Borax