



**RAIDIGHI COLLEGE**  
**VILL+PO+PS-RAIDIGHI**  
**PIN-743383**

**NOTICE INVITING QUOTATION**

**Ref. No. RC/LAB/05/2018-2019**

**Dated: 12/09/2018**

Separate Sealed Quotation for each Department are invited from the experienced, resourceful vendors **on or before 19.09.2018** for purchase of different laboratory equipment, chemicals etc for the Raidighi College.

The vendor should submit their quotation accordingly as mention bellow with self-attested copy of valid Trade Licence, Pan Card, GST wherever necessary addressed to the office of the undersigned. *Please do not submit any other credentials, otherwise it will be treated as cancelled.* **The closed envelope must be super scribed with the Quotation No. and Closing Date, otherwise it will be treated as cancelled.**

Rates should be submitted including delivery/transport cost if any. The authority reserves the right to accept/ reject any quotation without showing any reason thereof.

Description of materials & specifications are as follows:

**A. Separate Sealed Quotation are invited for**  
**DEPARTMENT: Food & Nutrition**

ITEM NO.	DESCRIPTION OF ITEMS	QTY
1	Blood Glucose Estimation Kit [Span]	1
2	Blood Group Detection kit [ Span]	1
3	Urea, Creatinine Estimation kit [ Span]	1
4	Haemoglobin Estimation Kit (Drabkin method)	1
5	Spirometer	1
6	Muffle Furnace	1
7	Test Tubes	100
8	Barfoed Reagent	250g
9	Absolute Alcohol	2×500 ml
10	Ascorbic Acid	100 g
11	Tissue Paper	5 packets
12	Distilled Water	20 ltr
13	Absorbent Cotton	1 pkt
14	Laboratory Tray	6
15	Tracing Paper	1 bundle
16	Towel (Big)	4

17	Melamine Plate (cheap)	10
18	Water Purifier	1
19	Electric Heater	4
20	Gas regulator with pipe	1
21	Refrigerator [180 ltr]	1
22	Measuring Tape	4

***N.B: Further details call 91637794453***

***B. Separate Sealed Quotation are invited for***  
**Department of Physics**

ITEM NO.	DESCRIPTION OF ITEMS	QTY
1	To determine 'g' by using bar pendulum	02
2	To determine M.I. of a flywheel	02
3	To determine the height of a building using sextant with its stand	01
4	To determine the Elastic Constant of a wire by Searle's method	02
5	To determine the frequency of an electrical tuning fork	01
6	To determine the thickness of thin paper by obtaining fringes in wedged shaped film	01
7	Sodium source	03
8	Consumable electrical, electronic, and optical equipment	contact
9	UPS	02

***N.B: Further details call 9123018212***

***C. Separate Sealed Quotation are invited for***  
**DEPARTMENT OF MICROBIOLOGY**

1. McConkey agar- 500gm
2. EMB agar- 500gm
3. Malachite green 5gm
4. Carbol fuchsin 5gm
5. Nigrosine 5gm
6. Acid fast staining-permanent slide
7. permanent mounts of: Amoeba, Entamoeba, Paramecium and Plasmodium
8. membrane filter (syringe) Whattman 0.2 micron
9. Enzyme alkaline phosphatase, SRL
10. p-Nitrophenylphosphate Disodium Salt Hexahydrate (pNPP) for molecular biology, 99%, SRL
11. Rhizopus, Penicillium, Aspergillus, Spirogyra and Chlamydomonas, Volvox

12. Mineral oil for oil immersion lens of microscope
13. Ascorbic acid pure in solid form
14. Ethyl alcohol 99%, 500 ml x 4
15. Distilled water 20 litres
16. inoculation needles- 5
17. spirit lamps- 5
18. packet of rubber bands (big size), brown paper rolls, cotton (non absorbent)
19. Glasswares:
  - Petriplates 50,
  - testtubes 100,
  - slide 5 boxes, and cover slip 3 boxes, ,
  - 500 ml beakers -5,
  - 500ml conical flasks-6,
  - 1litre measuring cylinder -2
  - Glass spreaders-5

***N.B: Further details call 9674686579***

***D. Separate Sealed Quotation are invited for***  
**Department of Botany**

1. Reproductive structure of *Chara, Chlamydomonas and Oedogonium*- 1 TUBE (large)
2. Permanent slides of: 1 EACH
  - a. *Gloeotrichia*
  - b. *Volvox*
  - c. *Vaucheria*
  - d. *Coleochaete*
  - e. *Polysiphonia*
  - f. Centric & Pinnate diatoms
3. Macroscopic specimens of *Sargassum, Laminaria* -Glass jar.
4. Nutrient Agar - 500×2
5. Reproductive structure of *Rhizopus, Ascobolus, Agaricus*. 1Tube each (large)
6. Permanent slides- 1 each
  - a. Zygosporangium of *Rhizopus*
  - b. Conidia of *Fusarium*
  - c. Conidiophore of *Penicillium*
9. Fruit body of *Polyporus, Cyathus* (for morphological study) – Tube preserved
10. Fruticose and Foliose lichen Tube Preserved. Glass jar Specimen also.
11. Pathological specimens as well as herbarium sheets of: Tube & Herbarium.
  - a. Brown spot of rice
  - b. Bacterial blight of rice

- c. Loose smut of wheat
  - d. Stem rot of jute
  - e. Late blight of potato
12. Slides of uredial, telial, pycnial and aecial stages of *Puccinia graminis*.
  13. Stage micrometer- 5pcs. (.01mm)
  14. Occular- 5pcs. Attached.
  15. camera-lucida- 5pcs.
  16. 11lit. Autoclave. -1.

**N.B: Further details call 9073714400**

**E. Separate Sealed Quotation are invited for  
Department of Chemistry**

1.	Water suction apparatus	10
2.	Buchner funnel fitted to Conical	10
3.	Ostwald's viscometer	5
4.	pH-meter with glass electrode	1
5.	Conductometer	1
6.	Potentiometer	1
7.	Mechanical shaker	2
8.	Stalagmometer	5
9.	Colorimeter	1
10.	Micropipette	10
11.	Hard glass test tube	2 boxes
12.	Whatman 41 filter paper	1 box
13.	Ordinary filter paper	10 boxes
14.	<i>p</i> -Nitrobenzoic acid	250 gm
15.	<i>p</i> -Aminobenzoic acid	250 gm
16.	<i>p</i> -Nitrotoluene	250 gm
17.	<i>p</i> -Anisidine	250 gm
18.	Benzoic acid	250 gm
19.	naphthalene	250 gm
20.	urea	250 gm
21.	phenyl benzoate	250 gm
22.	<i>p</i> -toluidine	250 gm
23.	benzophenone	250 gm
24.	<i>p</i> -chlorobenzoic acid	250 gm
25.	Anthracene	250 gm
26.	Glucose	250 gm
27.	Biphenyl	250 gm
28.	Boiling chips	
29.	Asbestos board	25 pieces
30.	Ammonium bifluoride	250 gm
31.	BDS indicator	5 bottles
32.	Al foil	5 packets
33.	Sodium Oxalate	250 gm

**N.B: Further details call 9830945799**

**F. Separate Sealed Quotation are invited for  
Department of Chemistry**

S. No.	Name of the item	Quantity
1*	Boiling point apparatus fitted with rubber cork and thermometer	10
2*	Melting point apparatus (digital)	1

***N.B: Further details call 9830945799***

**G. Separate Sealed Quotation are invited for  
Department of Zoology**

1. Homogenizer.
2. Horizontal Gel electrophoresis apparatus
3. BP measuring digital machine.
4. ELISA kit
5. Micro pipette (for DNA or RNA sample ) -3 piece.
6. UV trans illuminator
7. PH- meter (digital)
8. Kymograph apparatus
9. Sahli's Haemoglobinometer.
10. For paper chromatography-
  - a. Specimen glass jar with glass lid -1ft
  - b. Ninhydrine spray gun
11. For TLC Readymade prepared slide -5 piece
12. HAEMOCYTO METER (2PIC) FOR CELL COUNT
13. Water Bath

**1.REAGENTS**

1.Hematoxyline	500ML
2.Safranine solution	500ML
3.Phenopthalin	200ML
4.Bouins fluid	500ML
5.Methilene blue	200ML
6.Glycerin	100ML
7.Manganese sulfate	500GM
8.Silver nitrate	--
9.Ethyle Alcohol	5 LIT
10.Potassium iodide iodate solution	200ML
11.NaOH	500ML
12.Strach soluble extra pure	200ML
13.Sodium thiosulphate	300ML
14.Sodium potassium solution	300ML
15.Anti serum A,B,and D for blood group	2 SET
16.Alkaline sodium carbonate	300ML
17.Copper sulphate solution	200ML
18.Sodium potassium tartarate solution	500ML

19. Alkaline solution	300ML
20. Folin –	300ML
21. Bovine serum albumin	50M
23. Cuper sulphate solution	100ML
24. Uric acid reagent	100ML
25. Eosine	500ML
26. Aceto carmin	300ML
27. Ammonia solution	300ML
28. Aceto orcein solution	500ML
29. Picric acid	500ML
30. Acetic acid	500ML
31. Soudine fixative	300ML
32. SPIRIT	500ML
32. CHLOROFORM	500ML
33. BETADINE	1 Pic
34. Sodium metabisulphate	

## 2. Core2 practical Reagent:

1. Lysis Buffer
2. Proteinase K
3. RNase
4. Ethanol
19. ELISA kit
19. Amino acid kit
20. For TLC Readymade prepared slide(5 piece)
21. Methionine(AMINO ACID)
22. Glycine(AMINO ACID)
23. Proline(AMINO ACID)
24. Glutamate(AMINO ACID)
25. SODIUM CITRATE
26. DIPHENYLAMINE
27. PERCHLORIC ACID
28. Whatman Chromatography Paper{46x57cm.} Cat no- 3001917 MERCK/LOBA/SRL

## 3. SPECIMENS IN JAR

1. Amoeba (NEUMEROUS IN SMALL BOTTLE)
2. Euglena, (NEUMEROUS IN SMALL BOTTLE)
3. Paramecium(NEUMEROUS IN SMALL BOTTLE)
4. Sycon,
5. Obelia,
6. Aurelia
7. Taenia solium,
8. Ascaris lumbricoides (male and female both),
9. Apohoridite,
10. Nereis,
11. Hirudinaria,
12. Palaemon,
13. Cancer,
14. Limulus,

15. Dentalium,
16. Unio
17. Echinus,
18. Cucumaria
- 19 Antedon
20. Toropedo
21. Salamandra
22. Chamaeleon
- 23 Funambulu
24. Patella
- 25 Pila
- 26 Achatina,
27. Nautilus,
28. Ophiura
29. Clypeaster,
30. Daphnia (NEUMEROUS IN SMALL BOTTLE)
31. Cyclops (NEUMEROUS IN SMALL BOTTLE)
32. Ctenoid scale (NEUMEROUS IN SMALL BOTTLE)
33. Gorgonia
34. Hirudinia
35. Eupagurus
36. Scolopendra
37. Dentalium
38. Patella
39. Cucumaria

#### **4. PERMANENT SLIDES**

1. cyclops
2. Daphnia
3. cypris
4. Spring tail
5. Paramoecium
6. Ephyra larva (3 PIC)
7. Nauplius larva (3PIC)
10. Bipinnaria larva (3PIC)
11. Glochidium larva (3PIC)
12. Plasmodium vivax and Plasmodium falciparum (2PIC EACH)
13. Entamoeba
- 14 Giardia
15. Trypanosoma
16. leishmania donovani
17. Wuchereria
18. Mites

#### **5. EQUIPEMENTS**

1. DESECTION TRAY (PARAFIN TRAY)..... 30 PIC.
2. PIN..... 5 BOX
3. BLOTTING PAPER ... 10 roll
4. SLIDES & cover slips..... 10 Packets each

5. DIFFERENT SIZE PLASTIC BOX	6 PIC.
6. DROPPER	24 PIC
7. EYE DROPE BOTTLE	50 PIC
8. SOAP	6 PIC.
9. COUPLING JAR FOR STAINING	24 PIC
10. WATCH GLASS	24PIC
11. PETRIDICE	24PIC
12. BURRET FOR TRITRATION	12PIC
13. CONICAL FLASK (100ML)	12PIC
14. CONICAL FLASK (1LIT)	2PIC
15. BEAKER(250ML)	5PIC
16. BEAKER(500ML)	5PIC
17. BONE CUTTER FOR DISSECTION	2PIC
18. BALTI WITH COVER	2PIC
19. PLASTIC JAR WITH COVER (500ML)	2PIC
20. COTTON	1 PACK
21. DISPOSAL SYRINGE	50PIC
22. HAND GLOUVES (FINE)	5SET
23. Spirit lamp	5PIC

***N.B: Further details call 9083446695***



PRINCIPAL  
RAIDIGHI COLLEGE

**Principal  
Raidighi Colleg**

***N.B: Any queries call 9831766135***