



Office of the Principal

# L.T.K. COLLEGE

P.O. Azad - 787031, North Lakhimpur, Assam

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Ref. No.....

Date.....

## NOTICE INVITING QUOTATION

Sealed quotations are invited from interested Firms/Suppliers having valid registration, Trade License, PAN, GST Registration No. etc. for supply of departmental equipments for the department of Geography, Botany, Zoology, Physics & Chemistry of L.T.K. College. The quotation should reach on or before 15/09/2018. For details please visit college website ([www.ltkcollege.ac.in](http://www.ltkcollege.ac.in)).



Principal  
L.T.K. College, Azad  
North Lakhimpur  
Principal  
L.T.K. College, P.O.- Azad  
Dist - Lakhimpur

## Requirement of Departmental Equipments

### Department of Botany:

- 1 Apparatus :  
Auto Cleane 1nos.  
PH mater 1nos.  
Digital Blance 1nos.
- 2 Chemicals :  
(i) Iodin Solution 2 nos.  
(ii) Fast Green 2nos.  
(iii) Carbomethyl Violet  
(iv) Aniline blue.
- 3 Bottle Speciment :  
(i) Batrachospermue 2nos.  
(ii) Chara 2nos.  
(iii) Polysiphoria 2nos.  
(iv) Volvox 2nos.  
(v) Alternaria 2nos.  
(vi) Peziza 2nos.  
(vii) Cyathus 2nos.  
(viii) Penicellium 2nos.  
(ix) Oedogonium  
(x) Nostoc

### Department of Chemistry:

- 1 Ammonium Hydroxide ( $\text{NH}_4\text{OH}$ )
- 2 Ammonium Chloride ( $\text{NH}_4\text{Cl}$ )
- 3 Ammonium Carbonate ( $\text{NH}_4)_2\text{CO}_3$
- 4 Conc. Sulphuric Acid ( $\text{HNO}_3$ )
- 5 Conc. Hydrochloric Acid ( $\text{HCl}$ )
- 6 Conc. Hydrochloric Acid ( $\text{HCl}$ ) 500ml
- 7 Yellow ammonium Sulphide ( $\text{NH}_4)_2\text{S}$  250ml
- 8 Stannous Chloride ( $\text{SnCl}_2$ ) 1bottle.
- 9 Potassium Sulphide ( $\text{KCN}$ ) 250gm.
- 10 Acetic Acid ( $\text{CH}_3\text{COOH}$ ) 500ml
- 11 Hydrogrn Peroxide ( $\text{H}_2\text{O}_2$ ) 500ml.
- 12 Borate Sample 250gm.
- 13 Phosphate Sample 250gm.
- 14 Sodium thiosulphate ( $\text{Na}_2\text{S}_2\text{O}_3$ ) 250gm.
- 15 Starch Solution 250gm.
- 16 Ammonium bi fluride ( $\text{NH}_4\text{HF}_2$ ) 250gm.
- 17 Phosphoric Acid 1bottle
- 18 Diphenyl amine indicator 1bottle.
- 19 Potassium iodide solution 500gm.
- 20 Ferric hydroxide  $\text{Fe}(\text{OH})_3$  1bottle
- 21 Chromatography Paper 2pkt.
- 22 Ninhydrin Spray 1pcs.
- 23 Ninhydrin 2pcs.
- 24 TLC Plate
- 25 Salicylic Acid 2bottle
- 26 Acetic anhydride 2bottle
- 27 Acetic acid 2bottle
- 28 Aniline 500ml.
- 29 Benzoic Acid 500gm.
- 30 Benzil 500gm.
- 31 Benzamide 500gm
- 32  $\text{P}^{\text{H}}$  Meter 1pcs
- 33 Filter Paper 5pkt.
- 34 Furnel 10pcs.
- 35 Beaker 10pcs.
- 36 Water Testing Meter 1pcs.
- 37 Ammonium bifluride  $\text{NH}_4\text{HF}_2$

### Department of Zoology:

- 1 Dissecting Materials-  
(i) Prawn  
(ii) Earthworm  
(iii) Scoliodon
- 2 Eosin
- 3 Xylene
- 4 D.P.X.
- 5 Absolute alcohol
- 6 Acetocarmine
- 7 Slides : embryological slides of  
24hrs, 36hrs., 33hrs, life cycle of  
trypanosoma, wucheria banocrafti  
and paramecium.
- 8 Chemicals -  
Managanous Sulphate  
Sodium thisulphate  
Potassium iodide  
Potassium hysroxide  
Conc.  $\text{H}_2\text{SO}_4$
- 9 Wxa (Ranbaxy Wax) 4tins.
- 10 Cellulose paper (Chromatographic paper)
- 11 Amino acid Kits for chromatography
- 12 Spirit 4bottle
- 13 Dissecting tray 12pcs.


### Department of Physics:

- 1 Vernier Calipers 5nos.
- 2 Screw Gauge 5nos.
- 3 Bar Magnet 5pair
- 4 Magnetic needle 5pair
- 5 Prism 1set.
- 6 Glass Slab 5nos.
- 7 Pendulum stand 3nos.
- 8 Potentiometer 1nos.
- 9 Zener-Diode as voltage regulator
- 10 Half adder using NAND gate 1set.
- 11 Ballistic galvanometer 1nos.
- 12 Characteristics of Junction transistor 1nos.
- 13 Junction diode as a rectifier 1nos.
- 14 Meter bridge 1nos.
- 15 Series and parallel resonance circuit 1nos.
- 16 Resistance ( $5/10$  Ohm) 5 each
- 17 Resistance Box. 2nos.
- 18 Key (one/two way) 5 nos.
- 19 Rheostat 2nos.

### Department of Geography:

- 1 Rotameter-1nos.
- 2 Planimeter-2nos.
- 3 Tripod stand (Prismatic)- 1nos.
- 4 Stereoscoye - 1nos.
- 5 Graph Paper-50pcs.



  
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