

Tender Notice- No- 01/17

For the up gradation of college laboratories, quotation in sealed envelopes with technical and financial bids for equipments and other items are invited from reputed, experienced and registered agencies up to 25.04.2016 time 3:00 PM. The undersigned had the right to cancel the entire Tender & quotation without explaining any reason.

Note:- Quantity may be differ in availability of the fund

Terms & Conditions for Tender

Sealed Tenders are invited in two bid system i.e., Technical Bid and Financial Bid Separately; all the required paper/documents must be attached with technical bid. If required papers are found short in Technical Bid, the Bid will be disqualified. Document attached with Technical bid as follow:-

1. If the bidder is an authorized Dealer/distributer/Stockiest whether authorization Letter from the original equipment manufacturer should be attached (Note- Without this authorization Letter the bid will not be considered.
2. Income Tax Permanent Account Number (PAN Number) must be attached.
3. Audit Report during the last three financial years (profit and loss and balance sheet duly audited and certified by a chartered accountant and income tax return, i.e. ITR for the last three financial years must be attached.)
4. The Party/bidder quoting should have annual turnover of one Crore and above.
5. The party/bidder must have shop establishment certificate of the firm/company failing which the tender will not be considered.
6. The Manufactures/Suppliers quoting must have ISO certificate of the firm/company failing which the tender will not be considered.
7. Income Tax return certificate for last three financial years.

Chemical & Glass ware for Botany.

Test tube cork (Half cut)	- 25 pieces
Test tube holder	- 10 pieces
Test tube stands	-05 pieces
Test tube	- 10 dozen
Sprit lamp	- 05 pieces
Spirit	- 2 liter
Cooker 3 L	- 1 piece
Ocular micrometer	- 5 pieces
Stage micrometer	- 5 pieces
Crystal violet	- 100 grams
Iodine	- 100 x 2 – 2
80% ethyl alcohol	- 2 phyle
Saffranine	- 2 phyle
Light green	- 1 phyle
Cotton blue	- 1 phyle
Gram stain	- 1 phyle
Glycerin	- ½ liters
Para Dichloro Benzene (PDB) - 1Unit	(100 Gram)
Acetocarmine	- 1phyle
Agar Agar	- 500 gm
Distilled water	- 10 L
Musoline cloth	-
Non observant cotton	-
(Wooden)Plant Herbarium Press	- 10
Mercuric chloride	- 100gm
Chromatographic paper	- 5 sheets
Absolute alcohol	- 1 liter
Micro pipette	- 1 packet
Methyl benzene	- 1 liter
Digital Balance	- 1
PH Paper	- 5 (Pack)
LPG cylinder with Oven	-1 piece
Slide	- 5 packets
Cover slip	- 5 packets
Petroleum (ether)	- 500ml
Herbarium Sheet (Standard size)	- 400
Fumigation Chamber 3/2	-01pc
Heavy Herbarium Press (iron)	- 01pc
Herbarium Cabinet 24 drawer	- 06 pc
Botany chart	- 30pc
Class work material	- 100tubes
Permanent slides	-200pc

Chemistry Equipments

1.	Test tube (soda glass)- 5x5/8-	10 gross
2.	Test Tube (Corning)	05 gross
3.	Burette (glass) 0-50 ml	10 Doz
4.	Burette tube stand with clamp & bosh head	10 Doz
5.	Conical flask- 250ml	100 pcs.
6.	Beaker- 250ml	100 pcs.
7.	Beaker- 1000ml	100 pcs.
8.	Measuring cylinder- 100ml	02 pcs.
9.	Measuring cylinder- 250ml	02 pcs.
10.	Measuring cylinder- 2000ml	02 pcs.
11.	Flat bottom flask (volumetric)- 250ml	02 doz.
12.	Pipette (10 ml, 25ml,50ml)	03Doz.
13.	Funnel 7.5cm	02 Doz.
14.	Funnel 18cm	02 Doz.
15.	Flat bottom Measuring Flask- 1000ml	06 Pcs.
16.	Reagent bottle (glass)	10 Doz.
17.	Tripod stand- 6"x3"	03 doz.
18.	Wire gauze	03 doz.
19.	Filter paper (ord.) 12.5 cm	50 doz.
20.	Filter paper (what man) 12.5 cm (40)	02 doz.
21.	Test tube holder (15 cm)	10 doz.
22.	Tons	10 doz.
23.	Blow pipe	10 doz.
24.	Charcoal block	10 doz.
25.	H ₂ S gas apparatus, glass made(Kipp's apparatus)	02 pcs.
26.	Pinch clip	05 doz.
27.	Test tube stand	10 doz.
28.	Watch glass	05 doz.
29.	Blue glass (Diflencent diameter)	05 doz.
30.	Spatula	01 doz.
31.	Mortar and pestle (11.23 cm)	02 doz.
32.	Mortar and pestle Large size	03 pcs.
33.	Ignition tube	20 doz.
34.	Round bottom flusk (100 ml)	02 doz.
35.	Round bottom flusk (250 ml)	05 doz.
36.	Cork- asborted	20 doz.
37.	Glass tube	20 gross.
38.	Glass rod	02 Gross
39.	Triangular file 6"	01 doz.
40.	Cork borer	02 set
41.	Separating funnel 250 ml	01 doz.
42.	Digital electronic balance	02 Pcs.
43.	Viscometer	02 doz.
44.	stalagmometer	02 doz.
45.	rubber tube (Diff. Dia.)	03 coil
46.	Hoffman clip	03 coil
47.	Stop watch	02 doz.
48.	Refracto meter	01 Pcs.
49.	Oven	01 Pcs.
50.	Meeting point apparatus	05 Pcs.
51.	Distilled water	01 Pcs.
52.	Crucible with lid	01 doz
53.	Dessicator	05 Pcs.

Chemistry Chemicals

01.	Conc. Hydrochloric acid (1.16 Sp. Gravity) (12N)	8x2.5L
02.	Conc. Nitric acid (1.42 sp. Gravity) (16N)	2x2.5L
03.	Conc Sulphuric acid (1.84 Dp. Gravity) (36N)	4x25.L
04.	Glacial Acetic acid (1.055 sp. Gravity) (16N)	2x2.5L
05.	Liquor Ammonia (0.88 sp. Gravity) (15N)	5x2.5L
06.	Sodium hydroxide (PELLETS)	10x500gm
07.	Sodium Carbonate	10x500gm
08.	Sodium bicarbonate	3x500 gm
09.	Oxalic acid	2x500 gm
10.	Sodium oxalate	2x500 gm
11.	Iron Sulphide	10 Kg
12.	Methyl Orange	1x250gm
13.	Phenolphthalein	1x250gm
14.	Boric acid	1x500 gm
15.	Potassium permanganate	1x500 gm
16.	Potassium dichromate	1x500gm
17.	Potassium Chromate	1x500 gm
18.	Potassium Iodide	1x500 gm
19.	Iodine Crystal	1x100 gm
20.	Lead Acetate	1x500 gm
21.	Sodium Thiosulphate	1x500 gm
22.	Ammonium Ferrous Sulphate (Mohr's salt)	5x500gm
23.	Starch	1x500 gm
24.	Ammonium Thiocyanate	1x500 gm
25.	Copper sulphate	1x500 gm
26.	Sodium chloride	1x500 gm
27.	Potassium Ferrioxalate	1x500 gm
28.	Potassium Ferrioxalate	1x500 gm
29.	Ferrous sulphate	2x500 gm
30.	Silver Nitrate	1x100 gm
31.	Ferric Chloride	1x500 gm
32.	Potassium hydroxide	1x500 gm
33.	Chloroform	1x500 gm
34.	Barium chloride	1x500 gm
35.	Cobalt nitrate	1x100 gm
36.	Phosphoric acid	1x500 gm
37.	Sodium Nitroprusside	1x100 gm
38.	Zinc dust	1x500 gm
39.	Ammonium Acetate	1x500 gm
40.	Ammonium Molybdate	1x500 gm
41.	Ammonium Oxalate	1x500 gm
42.	Benedict Solution	1x500 gm
43.	Bromine Water	1x500 gm
44.	2,4 dinitro phenylhydrazine	1x200 gm
45.	Fehling solution No. I	1x500 gm
46.	Fehling solution No. II	1x500 gm
47.	B- Naphthol	1x500 gm
48.	A- Naphthol	1x500 gm
49.	Picric acid	1x250 gm
50.	L- nitroso B- Naphthol	1x100 gm
51.	Sodium Cobalthiocyano	1 pkt.
52.	Stannous chloride	1x500 gm
53.	Tin Metal	1x100 gm
54.	Nitro benzene	1x500 gm
55.	Aniline	2x500 ml

56.	Benzene	1x2.5ml
57	Acetone	1x2.5L
58.	Glucose	1x250m.
59.	Methyl Salicylate	1x500 gm
60.	Pheneol	1x500 gm
61.	Benzoic acid	1x500 gm
62.	Benzaldedhle	1x500 gm
63.	Copper Terning	1x500 gm
64.	Copper Foil	1x1Metre
65.	Fusion Mixture	1x500 gm
66.	Calcium Chloride Lumps	1x500 gm
67.	Ammonium Chloride	10x500 gm
68.	Acetanilide	1x500 gm
69.	Benzyle alcohol	1x500 gm
70.	Nessler's reagents	1x500 gm
71.	Cinnamic acid.	1x500 gm
72.	Benzamide	1x500 gm
73.	Ammonium Sulphate	1x500 gm
74.	Sodium hydrogen phosphate	1x500 gm
75.	Potassium bromide	1x500 gm
76.	Chlorine water	1x500 gm
77.	Acetic anhydride	1x500 gm
78.	Benzoyl chloride	1x500 gm
79.	Alcohol	10x500ml
80.	Sodium Metal	1x500 gm
81.	EDTA disodium salt	1x500 gm
82.	Acetic anhydride	1x500 ml
83.	Yellow Ammonium sulphide	1x500 gm
84.	Mercuric chloride	1x500 gm
85.	Litmus solutions	
86.	Lead nitrate	1x500 gm
87.	Magnesium dioxide	1x500 gm

Physics Equipments

Sl.No	Apparatus/Equipments
1	E/M APPARATUS BAR MAGNET METHOD
2	E/M APPARATUS HELICAL METHOD
3	AC DIGITAL MILLI VOLT METER
4	DIGITAL FREQUENCY COUNTER
5	D.C. POWER SUPPLY (0 V TO 500V) WITH 4 METER
6	WIDE RANGE (SINE/SQUARE) WAVE OSCILATOR
7	MOSFET CHARACTERISTICS APPARATUS WITH 4 METER
8	UJT. CHARACTERISTICS APPARATUS
9	HYBRID PARA METER APPARATUS
10	OP- AMP. EXPERIMENT APPARATUS
11	OR/AND/NOT/NAND & NOR GATE TRAINER APPARATUS
12	TETRODE VALVE CHARACTERISTICS APPARATUS
13	DIODE VALVE CHARACTERISTICS APPARATUS
14	BJT. TRANSISTOR CHARACTERISTICS APPARATUS
15	FET. CHARACTERISTICS APPARATUS WITH 3 METER
16	DIODE/ZENER CHARACTERISTICS APPARATUS WITH 2 METER
17	2 STAGE (PBP/NPN) R.c. COUPLED AMPLIFIER

- 18 FET. AMPLIFIER
- 19 SCR. CHARACTERISTICS APPARATUS WITH 3 METER
- 20 ACTIVE LOW/HIGH PASS FILTER
- 21 FULL SUBTRACTOR APPARATUS
- 23 PASSIVE LOW/HIGH PASS FILTER
- 24 HALF/FULL ADDRESS APPARATUS
- 25 TRAVELING MICROSCOPE (VER/HOR) MOVEMENT TYPE
- 26 SPECTROMETER 5" (VERNIER READING TYPE)
- 27 ANDERSON BRIDGE (COMPLETE SET)
- 28 CARRY FOSTER BRIDGE (COMPLETE SET)
- 29 DE SAUTY'S BRIDGE (COMPLETE SET)
- 30 BALLISTIC GALVANOMETER
- 31 TAUT SUSPENSION GALVANOMETER
- 32 LAMP & SCALE ARRANGMENT APPARATUS
- 33 SERLE'S APPARATUS
- 34 MAX WELL NEEDUL APPARATUS
- 35 BENDING OF BEEM APPARATUS
- 36 ENCODER & DECODER APPARATUS
- 37 SODIUM VAPOUR LAMP (35w) WITH POWER SUPPLY
- 38 EARTH INDUCTOR (1000 TURNS)
- 39 POST OFFICE BOX (PLUG TYPE)
- 40 KATERS PENDULUM WITH WALL BRACKER
- 41 BAR PENDULUM WITH WALL BRACKET
- 42 READING TELESCOPE WITH SCALE & STAND
- 43 PRISM-2" EXTRA WHITE
- 44 NEWTON'S RING LENS SET
- 45 VERNIER CALLIPERS
- 46 SPHEROMETER
- 47 LYCOPODIUM POWDER 100 GRAM PKT.
- 48 GLASS SLAB
- 49 CONVEX/CONCAVE LENSES (20 CM FOCAL LENGTH)
- 50 SCREW GAUGE
- 51 EXPERIMENTAL TABLE (STANDARD SIZE)
- 52 OFFICE TABLE (GODREJ)
- 53 CUMPUTER TABLE CUM CHAIR
- 54 OSCILLOSCOPE DUAL TRACE

Zoology Equipments

- | | |
|--|--|
| 1. Binocular microscope (Olympus) – | 2. High profile liquid chromatograph – |
| 3. Computerized binocular microscope for digital micro photography – | 4. Mosquito trapper |
| 5. Air conditioner for mice and drosophila chamber | 6. High vacuum rotatory evaporator. |
| 7. Permanent slides | |

A. Embryology

- | | | | |
|-------------|--------------|---------------|--|
| i. Cnorrula | ii. Blastula | iii. Gastrula | iv. Check embryo (18, 24, 36 & 72 hrs) |
|-------------|--------------|---------------|--|

B. Cytology

- i. Mitotic stage ii. Meiotic stage iii. Giant mitochondria iv. Lamp brush chromosome
- v. Polygene chromosome

C. Endocrinology

- i. TS/LS of Pituitary, Thyroid, Pancreases, Testis/Ovary of mammal & Amphibians.

D. Glass wares

- A. Rectangular glass (6"/8") B. Cylindrical Jar (4"/8") C. Beaker (250 ml)
- D. Beaker (100 ml) – E. Plane slides – F. Petridish (4" & 3") G.
- Graduated cylinder 100 mlH. Flask blunt (250 ml) – I. Graduated test tube

Histology

- 1. T.S of stomach 2. T.S of Intestine 3. T.S of Oesophagus
- 4. T.S of Liver 5. T.S of Duodenum 6. T.S of Rectum
- 7. T.S of Calcum

Lower Chordatis

- 1. Balanoglossus L.S 2. Bugula 3. Doliolum 4. Salpa

Invertebrates

- 1. Larva of Mosquitos a) Anopheles & b) Culex male and female. 2. Larva of Echinoderms
- 3. Larva of Liverflukes 4. Larva of Crustacea.
- 5. T.S of Annelids from different reasons. 6. T.S of Nerets from different reasons.
- 7. T.S of Ascareis from different reasons 8. T.S of Tape worm from different reasons.

Museum Specimens

- 1. Limulus 2. Salamander 3. Proteus 4. Viper Russel 5. Globe fish 6. 5 Stickle back fish

Chemicals

- 1. Absolute alcohol a. Ethanol – b. Methanol
- 2. Gention Blue Powder – 3. Formaline – 4. Geimsa steain – 5. Glycerol –
- 6. Acetic Acid – 7. Eosin Y Powder – 8. KC/Salt – 9. Acetocarmine Powder –
- 10. Janus Green powder –

Furniture

- 1. Dissection Table (2.5'/6') – 2. Wash basin – 3. Almirah – 4. Dropping bottle stain case.
- 5. Stain pack – 6. High footed stool – 7. Executive table (3'/5') – 8. Smart Board –

List of Items for Psychology Department

- 1.Weight Discrimination Box 2. Muller Lyre Illusion Box
- 3. Colour Preference on the basis of paired of paired comparison Method Appratus
- 4. Mirror Drawing Electrical Appratus 5. Mirror Drawing Electrical Appratus with reset 6 digit error
- 6. Human Maze Learning Pointed Electrical Appratus
- 7. Humen Maze Learning Pointed electrical with reset 6 digit error counter
- 8. Card sorting tray with cards and anodized number plates for habit interface
- 9. Paired Associate Learning Kit 10. Serial Learning Kit
- 11. Effect of Meaning fullness of Learning Appratus Kit

12. Verbal conditioning Apparatus
13. Yerkes's Multiple choice Apparatus
14. Electric Memory Drum (Four Variable Speed)
15. Memory Drum (Hand Operated) Metallic Wooden
16. Short Term Memory Test
17. Long Term Memory Test
18. Tachistoscope (Fall door Type) with Manual & cards
19. Mc Dougall Disc (Plastic in white and black colours 15 each)
20. Division of Attention Board Electrical
21. Finger Dexterity Board with pins
22. Steadiness Tester Electrical simple
23. Stop clock
24. Normal probability curve Demonstration Apparatus
25. Photographs of Eminent Foreign Psychologists
26. Human Physiology Chart
27. Scale of Reading/Writing Skills for pre-primary School Children
28. General Mental Ability Test
29. Group Test of Intelligence
30. Mixed Type Group Test of Intelligence
31. Non-Verbal Group Intelligence Test
32. Non-Verbal Cognitive Test
33. Pass-along test of intelligence
34. Koh's Block Design Test
35. Battery of Performance Intelligence Test
36. Bhatia's Battery of Performance Tests of Intelligence
37. Test of Creative Problem Solving
38. Concept Achievement Test
39. Problem Solving/Concept Formation Test
40. Test of Creativity
41. Verbal Test of Creative Thinking
42. Language Creativity Test
43. Scientific Aptitude Test Battery
44. Teaching Aptitude Test Battery
45. General Class-room Achievement Test
46. Critics Career Maturity Inventory
47. Career Preference record
48. Multiphasic Interest Inventory
49. Educational Interest Record
50. Vocational Interest Record
51. Study Habit Inventory
52. Teachers Job Satisfaction Scale
53. Personal values Questionnaire
54. Culture –Fair Test of Intelligence
55. Personal Values Inventory
56. 16 Personality Factor Questionnaire
57. Binnet-Simon Test
58. Differential Aptitude Test
59. Non-Language Preference Record
60. Teacher Value Inventory
61. Level of Aspiration Measure
62. Target Dart Test
63. Parental Attitude Scale Towards Pre-School Education
64. Attitude towards family planning scale
65. Religious Attitude Scale
66. Parent Child Relationship Scale
67. Rao's Social Maturity Scale
68. Emotional Maturity Scale
69. Moral Judgement Test
70. Prolonged Deprivation Scale
71. High School Personality Questionnaire

Prof-in-charge
K.K.M. College, Pakur