

FAROOK COLLEGE

(Autonomous)

Farook College P.O., Kozhikode-673 632

Phone: 0495-2440660, 2440661 Email: mail@farookcollege.ac.in

Website: www.farookcollege.ac.in

No.A3/PD/Tender-1/2022-23

Dated: 07-12-2022

TENDER NOTICE

Sealed competitive tenders are invited from reputed, firms for Laboratory items to various Departments in the college, under PD Special Fees Account 2022-23, with the list of requirements is attached, at an estimated cost of Rs.3.8 lakhs.

Intending tenderers may obtain the tender forms on application in their letter heads addressed to the undersigned on production of cash receipt for the amount given below.

Estimated cost of materials for which tenders are invited	Cost of Tender forms	
	Original copy each	Duplicate copy each
Above Rs.1,00,000 to Rs.10,00,000	0.2% of the cost of tender rounded to the nearest multiple of 100, subject to a minimum of Rs.400/- and a maximum of Rs.1500/- + GST as applicable.	50% of the cost of original copy, upper rounded to the nearest multiple of 100+ GST as applicable.

Cost of tender form will not be refunded under any circumstances. The tender forms are not transferable. Cheques, Postal Orders and V.P.P will not be accepted towards the cost of tender form. Those who require tender forms by Registered Post should send an additional amount of Rs. 100/- towards the postal charges along with the cost of tender form.

Last date of sale of tender forms at the counter	30-12-2022 01.00 p.m.
Last date of sale of tender forms by post	23-12-2022 01.00 p.m.
Last date of receipt of filled tender forms	30-12-2022 04.00 p.m.
Date of opening of the tenders	31-12-2022 11.00 a.m

Every tender should be completely filled, signed and accompanied by EMD (1% of the quoted amount) in the form of Demand Draft. The D.D. should be drawn in favour of the Principal, Farook College, payable at the State Bank of India, Farook College Branch. Tender without EMD will not be considered. EMD carries no interest.

Firms who are exempted from furnishing EMD should attach the copy of the exemption order along with tender documents. The rate, GST and other charges and warranty of the item should be quoted separately for each item. Participating tenderer should have a successful track record in the field. Every tenderer should execute an agreement in Kerala Government stamp paper worth Rs. 100/- along with the tender.


The tenders should be super scribed as '**Tender for supplying laboratory items to various Departments - Tender No.....**' and addressed to the Principal, Farook College, Farook College

P.O., Kozhikode – 673632, Kerala State. The undersigned will have the right to cancel or extend the tender formalities without any further notice and also reserves the right to accept or reject any tender without any reason.

The cash transaction in the office is from 10.00 a.m. to 01.00 p.m. on all working days.

The successful tenderer should supply and install the items within 15 days after the receipt of the supply order, at their own expenses. More details can be had from the College office on working hours or visit the College website: <http://www.farookcollege.ac.in>




Principal
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To

Notice Board/PRO (To arrange to publish in the College website)
HOD's , Science Departments.
Senior Superintendent.
Stock File/File Copy.

List of Chemicals

<u>Physics</u>		
Sl No	Item	Quantity
1	Benzene 500 ml	1
2	Carbon Tetra Chloride 500ml	1

<u>Chemistry</u>		
Sl. No	Items	Qty
1.	Oxalic Acid 500g	2
2.	Sodium Carbonate 500gm	2
3.	Sulfuric Acid 2.5ltr	4
4.	Nitric Acid 2.5ltr	2
5.	Hydrochloric Acid 2.5ltr	8
6.	Sodium Potassium Tartrate 500gm	1
7.	1-Butanol 500ml	2
8.	Ammonium Acetate 500gm	1
9.	Ammonium Chloride 500gm	2
10.	Ammonium Oxalate 500gm	1
11.	Ammonium Carbonate 500gm	2
12.	Aluminum Nitrate 500gm	1
13.	Aluminum Sulfate 500gm	1
14.	Aluminum Acetate 500gm	1
15.	Zinc Nitrate 500gm	1
16.	Zinc Acetate 500gm	1
17.	Manganous Sulfate 500gm	1
18.	Manganous Chloride 500gm	1
19.	Barium Nitrate 500gm	2
20.	Barium Chloride 500gm	1
21.	Barium Borate 250gm	1
22.	Barium Acetate 500gm	1
23.	Strontium Nitrate 500gm	1
24.	Strontium Carbonate 250gm	1
25.	Calcium Fluoride 500gm	1
26.	Calcium Chloride Fused 500gm	4
27.	Calcium Acetate 500gm	1
28.	Calcium Nitrate 500gm	1
29.	Magnesium Nitrate 500gm	2
30.	Magnesium Chloride 500gm	1
31.	Magnesium Acetate 500gm	1
32.	Magnesium Phosphate 250gm	1

33.	Magnesium Fluoride 250gm	1
34.	Naphthalene 500gm	5
35.	Biphenyl 100gm	10
36.	Sodium Thiosulphate 500gm	1
37.	Glycerol 2.5ltr	2
38.	Phenol 500gm	3
39.	Benzoic Acid 500gm	1
40.	Salicylic Acid 500gm	1
41.	Phthalic Acid 500gm	1
42.	Cinnamic Acid 250gm	1
43.	Acetophenone 500ml	1
44.	Benzophenone 500gm	1
45.	Benzaldehyde 500ml	1
46.	Methyl Salicylate 500ml	2
47.	Nitrobenzene 500ml	2
48.	Aniline 500ml	2
49.	Urea 500gm	1
50.	Silver nitrate 25gm	1
51.	Potassium Iodide Sq 500gm	1
52.	Filter Papers PktDr.watts	20
53.	Filter Paper No. 40 110 Mm	2
54.	Filter Paper No. 1 110 Mm	3
55.	Filter Paper Sheet	200
56.	Carbon Tetrachloride 500ml	1
57.	Activated Charcoal 250gm	1
58.	Hydrogen Peroxide 30% 500 Ml	1
59.	Disodium Salt of EDTA 500gm	2
60.	Benzamide 500gm	2
61.	Acetanilide 250gm	2
62.	Iron Sulfide Sticks 1kg	1
63.	Methyl Acetate 500	1
64.	Diethyl ether	10

Botany		
SI No.	Name	Quantity
1	Grams iodine	100 ml x 5
2	Crystal violet	100 ml x 5
3	Safranin	250 ml x 2
4	Sulphuric acid Conc.	500 ml x 5
5	Nitric acid	500 ml x 5
6	Biuret reagent	500 ml x 5
7	Benedicts reagent	100 ml x 5

8	Acteone	500 ml x 1
9	Petroleum ether /P. benzene	500 ml x2
10	Glacial acetic acid	500 ml x 2
11	Acetocarmine	250 ml x 1
12	Sodium hydroxide pellets	500 g x 1
13	Molisch reagent	100 ml x 5
14	K ₂ HPO ₄	100 g x 1
15	Ferric ammonium citrate	100 g x 1
16	NaNO ₃	100g x 1
17	Iodine	500 ml x 1
18	Whattman filter paper Grade 1	2 packets

<u>Zoology</u>		
SI No	PARTICULARS	QUANTITY
1	ACETIC ACID GLACIAL L.R 500 ML A10129	2 Bottles
2	ACETO CARMINE 100 ML A35671	1
3	ACETONE L.R. 500 ML A10529	1
4	ALKALINE COPPER TARTRATE SOLN. 500 ML A21079	1
5	AMMONIA SOLUTION SP.GR.0.91 500 ML A11679	1
6	AMMONIUM MOLYBDATE L.R. 100 GM A12717	1
7	AMMONIUM OXALATE L.R. 500 GM A13129	1
8	AMMONIUM SULPHATE L.R. 500 GM A13329	1
9	BENZENE L.R. 500 ML B10929	2
11	CALCIUM CHLORIDE FUSED L.R. 500 GM C10729	1
12	CHLOROFORM L.R. 500 ML C11829	1
13	CHROMATOGRAPHY PAPER GR 1CHR 46x57CM WHATMAN™ 3001-917	5
14	CREATININE 25 GM C30909	1
15	CRYSTAL VIOLET SOLN. OXALATED 125 ML C33971	1
17	D-GLUCOSE ANHYDROUS.L.R. 500 GM G10229	2
18	DI SOD.HYDROGEN ORTHOPHOSPHATE 500 GM S13129	1
19	FORMALDEHYDE L.R. 500 ML F11229	5
20	GLYOXYLIC ACID (Oxoacetic acid) 50% soln. 010740-250ML	1
21	HYDROCHLORIC ACID L.R.T.C 500 ML H11229	2
22	INDIAN INK 125 ML I10071	1
23	IODINE RESUBLIMED L.R. 100 GM I10917	1

24	IODINE SOLUTION 1% 125 ML I20317	1
25	LEISHMAN'S STAIN SOLUTION (M) 250 ML L30575	1
26	LUGOL'S IODINE 125 ML L31271	1
27	MALACHITE GREEN STAIN SOLN. 1% 125 ML M30471	1
28	MALTOSE MONOHYDRATE 250 GM M11225	1
29	MANGANOUS SULPHATE MONOHYDRATE 500 GM M10629	1
30	MERCURIC SULPHATE 100 GM M25625	1
31	METHYLENE BLUE ALKALINE SOLN 125 ML M31871	1
32	NAPHTHOL ALPHA 100 GM N10117	1
33	NAPHTHOL BETA 250 GM N10225	1
34	n-BUTYL ALCOHOL(1-Butanol) 500 ML B60679	2
35	NIGROSINE 10% SOLUTION 125 ML N20471	1
36	NINHYDRIN SOLUTION 125 ML N40971	1
37	NITRIC ACID L.R. TC PACK 500 ML N10730	2
38	PARAFFIN WAX WITH CERESIN 500 GM P10029	3
39	PETROLEUM JELLY WHITE 500 GM P11429	1
40	PICRIC ACID SATURATED SOLUTION 125 ML P21371	1
41	POTASSIUM HYDROXIDE PELLETS 500 GM P12529	1
42	POTASSIUM PERMANGANATE L.R. 500 GM P13429	1
43	SAFRANINE STAIN SOLUTION 125 ML S30271	2
44	SILVER NITRATE L.R. 25 GM S11109	1
45	SODIUM ACETATE ANHYDROUS 500 GM S12129	1
46	SODIUM HYDROXIDE PELLETS L.R. 500 GM S12929	1
47	SODIUM MOLYBDATE L.R. 100 GM S13417	1
48	SODIUM NITROPRUSSIDE L.R 100 GM S13617	1
49	SODIUM POTASSIUM TARTARATE L.R 250 GM S13725	1
50	PETROLEUM JELLY WHITE 500 GM P11429	1
51	SODIUM SULPHATE ANHYDROUS L.R. 500 GM S13829	1
52	SODIUM TUNGSTATE L.R. 100 GM S14217	1
53	SUDAN III 25 GM S39709	1
54	SULPHURIC ACID L.R. TC PACK 500 ML S15130	2
55	tert-BUTYL ALCOHOL 500 ML B11629	1
56	TOLUENE RECTIFIED L.R. 500 ML T10929	1
57	TRI-SODIUM CITRATE L.R. 500 GM S12479	1
58	XYLENE RECTIFIED L.R. 500 ML X10229	3
59	Antiserum A,B,D	



Principal
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List of Glasswares

Physics		
Sl No	Item	Quantity
1	Spectrometer Prism Crown Glass 32*32	3
2	Thermometer Yellow B/G 110c Mercury inside	1

Chemistry			
Sl. No	Item	Specification	Qty
1.	Pipette with bulb	10 MI	5
2.	Burette with plastic cock	50 MI	40
3.	Standard flask	1000 MI	2
4.	Standard flask	100 ml	40
5.	Beaker	1000 MI	2
6.	Beaker	500 MI	10
7.	Beaker	250 ml	20
8.	Conical flask	250 ML	40
9.	Boiling tube	50 MI	100
10.	Test tube	15 MI	200
11.	Wash bottle 250 ml	250 ml	10
12.	Reagent bottle TK type	60 ml	5
13.	Reagent bottle TK type	125 ml	5
14.	Mortar and pestle	Dia 3 inch	5
15.	Viscometer - borosil	80-100	5
16.	Thermometer –	110 deg, 24 inch	5
17.	Glass rod		3
18.	Burette washer		100
19.	Micro test tube		100
20.	Ignition tube box		3
21.	Urine sample bottle		100
22.	Centrifuge medico		1
23.	Test tube holder		50
24.	Droper 8 inch		50
25.	Wire gauze		50
26.	Watch glass	4 inch	50
27.	China dish	3 inch	20
28.	Pipette	20 MI	10

29.	Graduate pipette	10 ML	2
30.	Measuring cylinder	10 ML	2
31.	Measuring cylinder	100 ML	2
32.	Centrifuge tube	12 ml	50
33.	Stoppered bottle ground joint	250 ml	5
34.	Stoppered reagent bottle	250 ml	5
35.	Kipps apparatus	500 ml	1

Botany		
Sl No.	Name	Quantity
1	Chromatographic paper – Whatman No1	2 sheets
2	Test tube stand plastic	20 nos.
3	Test tube holders – Brass	10 numbers
4	Test tubes 15 x 125 mm (Borosil)- 13 ml	250 numbers
5	Spirit lamps – Glass 60 ml	5 numbers
6	Watch glass	50 numbers
7	Grafting tape	5 numbers
8	Droppers long – 15 cm	5 numbers
9	Pipette 5 ml graduated	10 numbers
10	Reagent bottle	250 ml x 20
11	Reagent bottle	100 ml x 10
12	Plastic dust covers for microscopes	60 nos

Zoology			
Sl.No	PARTICULARS	BRAND	Quantity
1	TEST TUBES: WITH RIM 15 X 125 MM 15 X 125 MM 9800U04	BOROSIL®	12
2	BEAKERS LOW FORM WITH SPOUT DB GR 250 ML 250 ML 1000D21	BOROSIL®	5
3	BEAKERS LOW FORM WITH SPOUT DB GR 500 ML 500 ML 1000D24	BOROSIL®	5
4	PIPETTES: TRANSFER, VOL CL 'B' 20 ML 20 ML 7102008	BOROSIL®	5
5	BUR: BOROFLO PTFE KEYS,CL 'B' 10X0.05ML 10 X 0.05 ML 2122006	BOROSIL®	5
6	VOLUMETRIC FLASKS 'B'250 ML 250 ML 5641021	BOROSIL®	2
7	FLASKS : VOLUMETRIC - 100 ML 100 ML 5641016	BOROSIL®	3
8	FLK: ERLNMYR,CONICAL,NM 250 ML 250 ML 4980021	BOROSIL®	5
9	FUNNEL PLAIN 75 MM 75 MM 6140071	BOROSIL®	3
10	BUR: BOROFLO,PTFE KEYS,CL 'B' 50X0.10ML 50 X 0.10 ML 2122012	BOROSIL®	5
11	CYLD: GRAD WITH POUR OUT CL'B' 100ML 100 ML	BOROSIL®	2

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12	CYLD: GRAD WITH POUR OUT CL'B' 250ML 250 ML 3022021	BOROSIL®	4
13	CYLD: GRAD WITH POUR OUT CL'B' 500ML 500 ML 3022024	BOROSIL®	4
14	TEST TUBE HOLDER BRASS	DOLLAR	10
15	WATCH GLASSES S-LINE 80 MM.. 80 MM 9986072	BOROSIL®	12
16	COTTON ABSORBENT 400G RAMRAJU	IMPORT	5
17	GLASS ROD	DOLLAR	10
18	DROPPER YELLOW TEET 6"	DOLLAR	5
19	REAGENT BOTTLES N.M.F.SODA GLASS AMBER 250 ML EMKAY	EMKAY	10
20	PLASTIC TRAY 10X12	OSTWAL	10
21	DISSECTING BOARD : 12 MM THICKSOFT WOOD WITH LEAD FILLING,HEAVY 20 X 15 CM DOLLAR	DOLLAR	12
22	ELECTRONIC BALANCE CAP. 300GM ACC. 0.01G MODEL NO.IN 301	INFRA	1
23	METER SCALE: SPECIAL GRADE MADE FROM WELL SEASONED SOFT WOOD, MACHINE GRADUATION WITH VERY CLEAR AND ACCURATEDIVISIONS 1MTR DOLLAR	DOLLAR	1
24	MAGNIFYING LENS 2.5". SUPERIOR QUALITY	PRINCE	2
25	DISSECTING NEEDLE : WITH PLASTIC HANDLE DOLLAR	DOLLAR	10
26	BLOOD LANCET	MEDIPOIN T	500
27	FILTER PAPER SHEET	KALPI	10
28	COVERGLASS SQUARE 18 X 18 MM 18 X 18 9115S01	BLUE STAR	3
29	BOTTLES B.O.D I/C STPR 300 ML 1250022	BOROSIL®	5



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List of Equipments

Physics		
Sl No	Item	Quantity
1	Voltmeter (Low Range)	1
2	Voltmeter (High Range)	1
3	Voltmeter (Millie Range)	1
4	Ammeter (Low, High, Millie)	3
5	Millie Meter (Low, High, Millie)	3
6	Galvano Meter (Low, High, Millie)	3
7	Digital Weighing Balance 10mg/300G	1
8	Rheostats 4.50 Amp. 10 ohms	2
9	Potentiometer With Wooden Base	2
10	Pencil Jokey	4
11	Acid Accumulator 2V 45 AH	2
12	Micrometer Screw gauge 20mm	6
13	Venier Calipers Stainless Steel	6
14	Table Lamp	2
15	Bread Board	10
16	Knife Edge Scale Rod	2
17	Voltmeter (Low, High)	2
18	Galvano Meter (Low, High)	2
19	Ammeter (Low, High)	2
20	Rheostats 1.60 Amp. 200 ohms	3
21	Meter Scale Wooden 50cm	3
22	Meter Scale Wooden 100cm	4
23	Slotted Weight 100*5	3
24	Weight Hanger Set 200gm	4

25	Probe CRO	10
26	Optical Fiber Cable 1.5Mtr	1
27	DCC Wire 500g	1
28	Rheostats 1.80 Amp. 150 ohms	1
29	Four Probe Sample (n-Type)	1
30	Four Probe Si Crystal	1
31	Adjustable Tripod Stand with Knife Edge	1
32	Torsion Pendulum Set	1
33	Lecher Wire Experiment	1
34	Spectrometer 7" 1Minutes	2



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