



# S.V.P. COLLEGE, BHABUA (KAIMUR)

(A Constituent Unit of V.K.S.U. Ara)

PIN CODE- 821101 (BIHAR)

Ref No... 589/2024  
**PRINCIPAL**

Date. 27.11.24

## Quotation Notice

Quotations for the purchase of consumables items under non-recurring grant of DBT Star college Scheme are invited separately in a sealed envelope for the following departments of the college

- A. Physics Department
- B. Chemistry Department
- C. Botany and Biotech Departments
- D. Zoology Department

- The list of requirements for the above-mentioned departments is listed below.
- The quotations are invited within one week from the date of notifications.
- The undersigned reserves the right to reject any or all the quotation without assigning any reasons.

  
**Principal**  
**S.V.P. COLLEGE**  
**Bhabua (Kaimur)**


S.V.P. College, Bhabua (Kaimur)

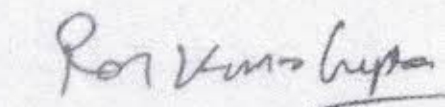
Department of Physics

(DBT-Satar College Scheme)

Consumable List

S.N.	Item's	Quantity	Amount
1	Beaker 200ml.	5	
2	Measubey giuder 100ml.	5	
3	Students Diffraction grating Grating constant: 15000 Lines/inch Window size: 40 mm x 30 mm	5	
4	SPN- Diode IC	10	
5	NAND Gate IC	40	
6	Zenerdiode IC	10	
7	Nor Gate IC	40	
8	Not Gate IC	20	
9	Bread board 16.5 x 5.5 cm(830 Holes) with standard 2.54mm (0.1") spacing between two holes, Rating: 3 to 5 Amps, Insulation Resistance: 500 M/ DC500V	20	
10	Soldering set up	4	
11	Digital Multimeter	20	
12	Copper wire Bundle/20 Bundle		
13	Carbon Resistance (Each category packet each.		
14	Meter Scale	5	
15	Wall-set up for Pendulum	5	
16	Crocodile Clips	20	

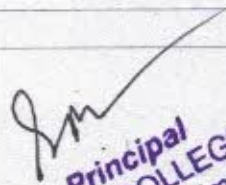
  
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Physics Department  
S.V.P. College  
Bhabua



# Botany & Biotech.

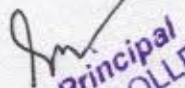
S.V.P College Bhabua		
Dept of Botany		
List of consumables (chemicals /Plastic wave glass wave /Other		
S.No	Name of Items	Botany
1.	Sodium Chloride (nacl)	500 g
2.	Sodium Dodecyl Sulfate (SDS)	500g
3.	Tris HCl	500 ml
4.	Iso Propanol (2-Propanol )	1liter
5.	Agarose (Mol. grade)	250g
6.	EDTA	NA
7.	Glacial Acetic Acid	2 liter
<b>pH strips Range</b>		
8.	01-05	5p
9.	04-010	5p
10.	08-12	5p
11.	Methanol	2
12.	Ethanol	3
13.	Benedict Reagent	100 ml
14.	Molish reagent	100 ml
15.	DPX	50 ml
16.	Safranin	100 ml
17.	Hematoxylene	100 ml
18.	Gram Stain	100 ml
19.	Eosin Dye	NA
20.	Giemsa stain	NA
21.	Isoamyl Alcohol	500L
22.	Conc. HCL	500L
23.	Sodium hydroxide pallet	500 g
24.	Iodine	10g
25.	Plastic Ware	
<b>measuring cylinder</b>		
26.	05ml	5
27.	10ml	5
28.	50ml	5
29.	100ml	5
30.	1000ml	2
31.	Beaker	
32.	50ml	5
33.	100ml	6
34.	500ml	6
35.	1000ml	2
36.	5000ml	2
37.	Funnel: Long stem funnel with top dia	
38.	35mm	10
39.	75mm	10
40.	100mm	10

  
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41.	160mm	4
42.	Pipettecontroller/ Handy Pipettecontroller 10ml	5
43.	Pippet storage rack with magnet	1
44.	Mico pestle	
45.	Microcentrifuge tube stand (1.5ml)	3
46.	Mini cooler (-20 degree Celcius ) for 1.5ml tube 12 well	1
47.	universal combi rack	5
48.	Test tube stand	5
49.	Magnetic stirrer	2
50.	cover slip	50
51.	slide	50
52.	Fine needle	5
53.	Forceps	6
54.	scissors	6
55.	Glass ware	
56.	SerologicalPipettes 5ml	20
57.	SerologicalPipettes 10ml	20
	<b>Beaker</b>	
58.	100ml	8
59.	50ml	8
60.	10ml	8
61.	Cotton	10 bundle


#### Biotech Department

S.No	Name of Items	Biotech
1	Sodium Chloride (NaCl)	500 g
2	Sodium Dodecyl Sulfate (SDS)	500g
3	Tris-HCl	500 ml
4	Iso Propanol (2-Propanol)	2 Liter
5	Agarose (Mol. Grade)	500g
6	EDTA	100G
7	Glacial Acetic Acid	2 Liter
8	EcoRI (HF)	2000u
9	BamH1( HF)	2000u
10	BgIII( HF)	2000u
11	HindIII( HF)	2000u
12	Lysozyme	10g
13	Ligase	200u
14	0.5 M EDTA (Mol. Bio grde)	100ml
15	dNTPs (dATP, dTTP, dCTP, dGTP)	1000 Ulof each dNTPs
16	100Bp DNA Marker	2500 U
17	Taq DNA Plymerase with Buffer	5ml (5000unit )
18	Ethidium Bromide	50g
19	Boric Acid	500g


  
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20	Dextrose			1kg
21	Propionic Acid			1L
22	Orthop Phosphoric Acid			100ml
23	Benzoic Acid			100ml
24	Sodium benzoate			500g
25	Ether			1L
26	Chloroform			1L
27	Potassium Chloride			500g
28	Calcium Chloride			500g
29	Sodium Bicarbonate			500g
		pH strips Range		
30	01-05			5p
31	04-010			5p
32	08-12			5p
33	Methanol			3Litre
34	Ethanol			2Litre
35	Saturated phenol			1Litre
36	Dry PBS powder (Mol grade)			200g
37	Benedict Reagent			
38	Molisch reagent			
39	DPX			50 ml
40	Safranin			
41	Hematoxylin			
42	Gram Stain			
43	Eosin Dye			200 ml
44	Giemsa stain			100ml
45	Isoamyl Alcohol			500L
46	Conc. HCL			500L
47	Sodium hydroxide pallet			500 g
48	Idodine			10g
49	Plastic Ware			
50	Centrifuge tube			4p
51	Microcentrifuge tube 1.5ml			4p
52	PCR tube 200 $\mu$ l			4p
53	Micro-Tips 100ml to 1 $\mu$ l			4p
54	20ml to 10 $\mu$ l			6p
55	0.1ml to 10 $\mu$ l			4p
56	Aspirator Bottle (10L capacity)			2
57	Wash Bottle 250ml			8
58	Narrow Mouth wash bottle 125ml			8
59	Dropping Bottle 60ml			5
		measuring cylinder		
60	5ml			5
61	10ml			5
62	50ml			5
63	100ml			5

  
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64	1000ml			2
65	Beaker			
66	50ml			5
67	100ml			6
68	500ml			6
69	1000ml			2
70	5000ml			2
	Funnel: Long stem funnel with top Dia			
71	Manual Pipettecontroller10ml			5
72	Pipette storage rack with magnet			1
73	Mico pestle			20
74	Microcatifuge tube stand (1.5ml)			3
75	Mini coolor (-20 degree Celcius ) for 1.5ml tube 12 well			3
76	universal combi rack			5
77	Test tube stand			5
78	Magnetic stirrer			2
79	cover slip			50
80	slide			50
81	Fine needle			5
82	Forceps			6
83	scissors			6
84	Glass ware			
85	SerologicalPipettes 5ml			30
86	SerologicalPipettes 10ml			20
		<b>Beaker</b>		
87	100ml			5
88	50ml			5
89	10ml			5


  
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**Department of Zoology**

**List of Consumable (chemicals/Plastic wave glass wave /Other)**

<b>Chemicals</b>	<b>Name of Items</b>	<b>Zoology</b>
1.	Sodium Chloride (NaCl)	1kg
2.	Sodium Dodecyl Sulfate (SDS)	1kg
3.	Tris HCl (Tris HCL)	2kg
4.	Iso Propanol (2-Propanol)	2 Liter
5.	Agarose (Mol. grade)	500g
6.	EDTA	100G
7.	Glacial Acetic Acid	5 Liter
8.	0.5 M EDTA (Mol. Bio grde)	100ml
9.	Ethidium Bromide	50g
10.	Glycerol	12
11.	Xylene Cynol	50g
12.	Bromophenol blue	50g
13.	Boric Acid	500g
14.	Dextrose	1kg
15.	Propionic Acid	1L
16.	Ortho-Phosphoric Acid	100ml
17.	Benzoic Acid	100ml
18.	Agar-Agar Powder	1kg
19.	Agar	1kg
20.	Yeast Tablet powder	1kg
21.	Sodium benzoate	500g
22.	Ether	1L
23.	Chloroform	1L
24.	Potassium Chloride	500g
25.	Calcium Chloride	500g
26.	Sodium Bicarbonate	500g
	<b>pH strips Range</b>	
27.	01-05	5p
	04-010	5p
	08-12	5p
28.	Methanol	4Litre
29.	Ethanol	5Litre
30.	Saturated phenol	1Litre
31.	Dry PBS powder (Mol grade)	
32.	Benedict Reagent	200 ml


  
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33.	Molish reagent	200 ml
34.	DPX	100 ml
35.	Safranin	200ml
36.	Hematoxylene	200ml
37.	Gram Stain	100 ml
38.	ABO Blood Grouping Kit	2
39.	Eosin Dye	200 ml
40.	Giemsa stain	100ml
41.	Isoamyl Alcohol	1L
42.	Conc. HCL	1L
43.	Sodium hydroxide pallet	500 g
44.	Iodine	10g
45.	retinoic acid	10g
<b>Plastic Ware</b>		
46.	Drosophila Food Plate	50
47.	Drosophila Food Bottle	50
48.	Drosophila Food Vials	50
49.	Centrifuge tube	
50.	Microcentrifuge tube 1.5ml	5p
51.	PCR tube 200 $\mu$ l	3P
52.	Micro-Tips 100ml to 1 $\mu$ l	5p
	20ml to 10 $\mu$ l	8p
	0.1ml to 10 $\mu$ l	3p
53.	Aspirator Bottle (10L Capacity)	2
54.	Wash Bottle 250ml	12
55.	Narrow Mouth wase bottle 125ml	12
56.	Dropping Bottle 60ml	12
<b>Measuring cylinder</b>		
57.	5 ml	12
	10ml	12
	50ml	12
	100ml	6
	1000ml	12
<b>Beaker</b>		
58.	50ml	12
59.	100ml	12
60.	500ml	12
61.	1000ml	6

  
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62.	5000ml		2
	Funnel: Long stem funnel with top dia		
63.	35mm		10
64.	75mm		10
65.	100mm		10
66.	160mm		4
67.	Manual Pipettecontroller		10
68.	Pipette storage rack with magnet		1
69.	Mico pestle		20
70.	Microcentrifuge tube stand (1.5ml)		5
71.	Mini cooler (-20 degree Celsius ) for 1.5ml tube 12 well		4
72.	Universal combi rack		4
73.	Test tube stand		10
74.	Magnetic stirrer		2
75.	cover slip		100
76.	Slide		100
77.	Fine needle		10
78.	Forceps		10
79.	scissors		10
80.	Glass ware		
81.	SerologicalPipettes -5ml		50
	SerologicalPipettes -10ml		50
82.	Beaker		
83.	100ml		15
84.	50ml		15
85.	10ml		15

  
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consumable items  
DBT STAR COLLEGE SCHEME

1. Double Surface Condenser

Approx jacket length(mm)	Approx overall height(mm)	Ground joint	Quantity
200	345	19/26	5
200	360	24/29	5

2. Vacuum DESICCATOR SET with Cover & Porcelain Plate, Amber

Nominal Diameter(mm)	Approx Volume (mm)	Approx flange OD (mm)	Total height(mm)	quantity
100	120	153	173	2

3. crystallizing dishes

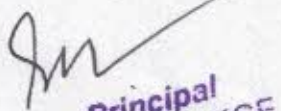
Approx O.D x height(mm)	Approx capacity(ml)	quantity	Price/piece
150x75	1150	5	1500

4. Round Bottom Flask Narrow Mouth, Short Neck With I/C joint

Capacity(ml)	Approx height(mm)	Interchangeable joint	quantity
250	140	19/26	10
250	140	24/29	10
100	120	19/26	10
100	120	24/29	10

5. Round Bottom Flask 2 Necks, Angular

Capacity(ml)	Interchangeable Joint Size		Quantity
	Central Neck	Side Neck	
100	19/26	14/23	5
100	24/29	19/26	5

  
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## 6. Lamps with Bosshead


Product code	Description	quantity
	Two finger clamps (zinc PDC) with adjustable Bosshead	24
Buchner funnel with 1000ml filter bottle	Borosil	4

## 7. Chemicals

Chemicals name	Quantity
Merck Methanol specially dried	5 litres
Merck Sodium azide	100 grams
Imidazole pure	100 grams
Tetrahydrofuran specially dried	2 litre
4-(Diethylamino) benzaldehyde	100 gram
Benzenesulphonylchloride	500 ml
4-benzyloxybenzaldehyde	25 gram
4-bromoanthranilic acid	25 gram
3,5-dichlorosalicyldehyde	25 gram
DMF	5 litre
Dichloromethane	5 litre
Phosphorous oxychloride	500ml x 4

*Sm*  
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Petroleum ether SD fine	25 litres
Potassium-tert-butoxide	250 grams
Sodium sulphate anhydrous	5 kg
Ethyl acetate	25 litres
Cyclopropylamine	25ml
Tetrahydrofuran	2.5 litre
4,6-Dichloropyrimidine	25 grams
Colomn with stopcock with R.B. flask 100 ml	
Colomn with stopcock with R.B. flask 250 ml	250ml
2-fluoroaniline	100ml
Sodium chloride	5kg
Sodium sulphate	5 kg
Triethylamine	500ml
Hydrazine	500ml
2-amino-1,2,4- Triazole	50 gram

  
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Bhabua (Ka)