

OFFICE OF THE PRINCIPAL, ALAKA MAHABIDYALAYA , ANANTABATA, ANAKHIA,  
JAGATSINGHPUR

Office order No ...839// Date: ...30/11/2021

**Quotation Call Notice**

Sealed Quotations are invited from the reputed / registered firms with VAT / GST registration for the supply of scientific apartus / equipments to the different Science Laboratories of the college as per the list enclosed herewith. The price of the items / equipments should be inclusive of GST / VAT. The quotation must reach the office of the undersigned on or before 07.12.2021 and subject to following terms and conditions.

1. The items / equipments must of good conditions at the time of receipt at our level.
2. Transportation cost must be borne by the concerned firm.
3. The selected firm must produce VAT / GST registration copy at the time of submission of the Bill to the effect.
4. Over the wooden items, the concerned selected firm must furnish warranty one year.
5. No advance payment will be made final payment will be made through A/C payee cheque after receiving of items / equipments in good condition & submission of the bill to the effect.

  
Principal  
Alaka Mahabidyalaya  
Anantabata, Anakhia  
Jagatsinghpur

## DEPARTMENT OF ZOOLOGY

SL.NO	CHEMICALS	QUANTITY	RATE
1	XYLENE	500 ML	
2	LEISHMAN	250 ML	
3	GLYCERINE	500 ML	
4	ETHANOL	500 ML	
5	FORMALIN	5 LIT	
6	METHANOL	500 ML	
7	LUGOL'S ACETIC ACID	500 ML	
8	PHOSPHATE BUFFERED FORMALINE	500 ML	
9	DISTILLED WATER	5 LT	
10	BOUNCE SOLUTION	500 ML	
11	METHYLENE BLUE	125 ML	
12	METHYL GREEN	125 ML	
13	ALUM CARMINE	125 ML	
14	BORAX CARAMINE	125 ML	
15	ERYTHROSINE	500 ML	
16	CHLORAZOL BLACK E STAIN	125 ML	
17	FAST GREEN	125 ML	
18	ACID FUSION	125 ML	
19	RECTIFIED SPIRIT	500 ML	
20	SURGICAL SPIRIT	500 ML	
21	ALCOHOLIC PHENOPHTHALINE	125 ML	
22	CHLOROFORM	500 ML	
23	EATHER	500 ML	
24	DPX	250 ML	
25	CRYSTAL VIOLET	125 ML	
26	BIBULOUS PAPER		
27	KOVAC'S OR SOLKOWSK'S REAGENT		
28	FILTERED STERILIZE URIA		
29	TRYPTONE BROTH		
30	AMYL OR ISOAMYL ALCOHOL	500 ML	
31	L OR DL TRYPTOPHAN	500 ML	
	PHENOL RED ( STERILE PEPTONE )	125 ML	
32	PH PAPER – ACIDIC RANGE	12 PKTS	
33	COVERSLIP	12 PKTS	
34	BENEDICT SOLUTION	500 ML	
35	FEULGEN STAIN	125 ML	
36	MERCURO BROMO PHENOL BLUE	125 ML	
37	L.NAPHTHOL		
38	ANTI-A, ANTI-B, & ANTI-D		
39	NaOH, CuSO <sub>4</sub> , SOLn		
40	SODIUM HYDRONIDE		
41	SPRAY AGENT		

42	NYLENDER'S REAGENT		
43	FRUCTOSE, GLUCOSE, LACTOSE, MALTOSE		
44	EITHER		
45	PHENYLHYDRAZINE		
46	FERRIC CHLORIDE		
47	SULPHOSALICYCLIC ACID		
48	ESBACH'S REAGENT		
49	TANNIC ACID		
50	SODIUM OR POTASSIUM HYDROGEN SULPHATE		
51	ORCINOL REAGENT		
52	POTASIMUM FERROCYANIDE		
53	OLEIC ACID		
54	CAUSTIC SODA		
55	CHROMATO GRAPHY CHAMBER		
56	SPRAYING APPARATUS ( AUTOMIZER )		
57	WHATMAN NO- 1-PAPER		
58	PISTOL – MORTOM		
59	5% PROTEIN SOLUTION		
60	SODIUM HYPOBROMIDE		
61	MERCURIC SULPHATE		
62	TRYPTON-E		
63	YEAST		
64	AGAR		
65	ACETOCARMINE STAIN		
66	CARNOY'S FLUID		

SL.NO	SPECIMENS	QUANTITY	RATE
1	HYALONEMA		
2	OBELIA		
3	MILEPORA		
4	TUBIPORA		
5	ALCYONIUM		
6	METRIDIUM		
7	CORALLIUM		
8	FUNGIA		
9	MEANDRINA		
10	SABELLA, SERPULA		
11	TACHYPLEUS, CARCINOS CORPIOUS, PALAMNAEUS, BOMBYX, TERMITES, HONEYBEE.		
12	PERIPATUS		
13	DORIS, UNIO, OSTREA		
14	CTENOPHORA		
15	PETROMYZON		
16	MYXIN		
17	PRISTIS		

18	MYSTUS		
19	HETEROPNEUSTUM		
20	ANGUILLIA		
21	ICTHLOPHIS / UREOTYPHLUS		
22	NECTURUS		
23	CHELON		
24	TRIONYX		
25	UROMATRIX		
26	OPHIOSAURUS		
27	HYDROPHIS		
28	SOREX		
29	FUNAMBULOUS		
30	LOREIS		
31	HERPESTES		
32	ERINACEOUS		
33	PIGEON, RAT, COMMON KRAIT		
34	CYLEEASTER, CUCUMARIA, ANTEDON		
35	AVES – KITE, WOOD PECKER		
36	EUDYNAMYS (KOEL )		
37	SOREX, LORIS, MONGOUSE, LONG EARED HEDGEHOG, TRIONYX, POLYPEDATA		

SL.NO	SLIDES	QUANTITY	RATE
1	EUGLENA ( W.M )		
2	AMOEBA ( W.M )		
3	T.S OF SYCON		
4	V.S OF KIDNEY OF MAMMAL		
5	ENTAMOEBIA		
6	PLASMODIUM VIVAX ( SPOROZOITS )		
7	L.S OF SYCON		
8	W.M OF DEVELOPMENTAL STAGES OF CHICK EMBRYO – 13 HRS, 18 HRS, 21,28,33,36,48,72,96.		
9	T.S OF PHARYNX, GIZZARD & TYPHLOSOTI INTESTINE OF EARTH WORM.		
10	MITOSIS – ALL STAGES		
11	MEIOSIS – ALL STAGES		
12	BARR-BODY OF HUMAN (FEMALE) BLOOD.		
13	STRIATED MUSCLE FIBER		
14	NERVE CELLS		
15	W.M OF AMOEBA		
16	T.S OF KIDNEY OF MAMMAL		
17	W.M OF EUGLENA		
18	T.S OF ARTERY OF MAMMAL		
19	T.S OF ILLIUM OF MAMMAL		
20	T.S OF RECTUM OF MAMMAL		

21	T.S OF TRACHEA OF MAMMAL		
22	T.S OF SPINALCORD OF MAMMAL		
23	T.S OF STOMACH OF MAMMAL		
24	T.S OF TESTIS OF MAMMAL		
25	ANT. ( M.S.L. ) REGION OF BALANOGLAN		
26	W.M OF OBELIA		
27	W.M OF HYDRA		
28	CTENOID SCALE		
29	T.S OF ADRENAL, THYROID & PARATHYROID OF MAMMAL		
30	SPICULE, SPONGIN FIBRE		

SL.NO	CLOTH CHART	QUANTITY	RATE
1	HONEY BEE – LIFE CYCLE		
2	SILK MOTH – LIFE CYCLE		
3	STRIPED & UNSTRIPED MUSCLE		
4	PEDIGREE CHART – TONGUE,ROLLING,BLOOD GROUP,WIDOW’S PEAK 7 COLOR BLINDNESS.		
5	FOSSILE EVIDENCES		
6	DIFFERENT TYPES OF PLACENTA		
7	TAIL BUD STAGE OF TADPOLE		
8	EXTERNAL & INTERNAL GILL STAGE OF TADE POLE		
9	POLYTENE CHROMOSOMES		
10	LIFE STAGES OF ASCARIS		
11	LIFE CYCLE OF FASCIOLA HEPATICA		
12	LIFE CYCLE OF TAENIA SOLIUM		
13	HOMOLOGOUS & ANALOGOUS		
14	LIFE CYCLE OF PLASMODIUM		
15	LIFE CYCLE OF PLASMODIUM		
16	COURTSHIP BEHAVIOUR IN INSECTS		
17	SKULL OF HERBIVOROUS & CARNIVOROUS		
18	LINKAGE MAPS BASED ON DATA FROM DROSOPHILA CROSSES		
19	LINKAGE MAPS BASED ON DATA FROM CONJUGATION, TRANSFORMATION AND TRANSDUCTION.		
20	BIRDS IN DIFFERENT ORDER – VULTURE, PEGION,, PARROT, OWL, KOEL & WOOD PEEKER		
21	DIFFERENT TYPES OF FEATHER		
22	DIFFERENT TYPES OF SCALES		
23	LIFE CYCLE OF WUCHERERIA BANCROFTI		
24	COCOONS OF VARIOUS TYPES OF NATURAL SILK		

SL.NO	EQUIPMENTS	QUANTITY	RATE
1	DISPOSABLE NEEDLE – 200 NO'S		
2	ALUMINIUM FOIL		
3	PLATES OF TSA		
4	GLASS ROD ( BENT )		
5	SEMI – LOG – GRAPH PAPER		
6	COD BOTTLE		
7	SENSOR EQUIPMENT ( CONDUCTIVE PROBE )		
8	PAPER CHROMATOGRAPHY UNIT		
9	AUTOCLAVE		
10	GEL ELECTROPHORESIS UNIT WITH ACCESSORIES		
11	WATER BATH		
12	ALMIRAH FOR SPECIMENS 2 NO'S ( GLASS FITTED )		

SPECIFICATION:-

Length – 6 ft, Width – 4 ft, 2 types of shelves.

1. Upper shelves – 4 no's , side length- 1ft, minimum 1ft gap.
2. Lower half – 2 shelves, side-1 1/2 ft

1<sup>st</sup> shelf with 1.4 ft gap

2<sup>nd</sup> shelf with 8 ft gap.

## DEPARTMENT OF BOTANY

SL.NO	APARATUS	QUANTITY
1	OCCULAR AND STAGE MICROMETER	01
2	HERBARIUM PRESS	ONE SET
3	CUP ANIMOMETER	01
4	RAIN GAUGE	01
5	GANONG'S POTOMETER ( BOROSIL)	08 SETS
6	FARMER'S POTOMETER ( BOROSIL)	04 NOS.
7	T/A APPRATUS (BOROSIL)	04 NOS.
8	GROOVE SLIDE (BOROSIL)	16 NOS
9	PEPETTE OF DIFFERENT VOLUME ( BOROSIL)	
10	MEASURING CYLINDER (50 ML, 100 ML.)	02 NOS
11	WIDE LONG TEST TUBE WITH SPLIT CORK	08 NOS.
12	DIGITAL WEIGHING MACHINE (UP TO 3 KG)	01 NOS.
13	INOCULATING NEEDLE	03 NOS.
14	LUX METER ( PHOTOMETER)	01 NOS.
15	BULK (STEEL RING) 15 C.M. LENGTH, 10 C.M WIDTH	03 NOS.
16	MESHES OF DIFFERENT SIZE	03 SET
17	HAMMER ( 250 GM)	01 NOS.
18	GANONG'S RESPIRIO METER	01 NOS.

## DEPARTMENT OF BOTANY

SL.NO	CLOTH CHART	QUANTITY
01	T EVEN BACTERIOPHAGE	01
02	VIRUS ( LYTIC & LYSOGENIC CYCLE)	01
03	ULTRASTRUCTURE OF PROKARYOTIC CELL	01
04	ULTRASTRUCTURE OF PLANT CELL	01
05	ULTRASTRUCTURE OF ANIMAL CELL	01
06	MITOSIS CELL DIVISION	01
07	MEIOSIS CELL DIVISION	01
08	PHOTOGRAPH SHOWING TRANSLOCATION RING	01
09	PHOTOGRAPH SHOWING LAGGARDS	01
10	PHOTOGRAPH SHOWING INVERSION BRIDGE	01
11	CHART SHOWING DOWN'S SYNDROMES	01
12	CHART SHOWING KLINEFELTER'S SYNDROMES	01
13	CHART SHOWING TURNER'S SYNDROMES	01
14	PHOTOGRAPH SHOWING TAPETUM ( AMOIBOID & GLANDULAR)	01
15	PHOTOGRAPH SHOWING MMC, MGU OF ANTHER	01
16	PHOTOGRAPH SHOWING FEMALE GAMETOPHYTE	01
17	ULTRASTUCTURE OF MATURE EGG APPARATUS	01
18	PHOTOGRAPH SHOWING DEVELOPMENT OF DICOT EMBRYO	01



## **DEPARTMENT OF BOTANY**

<b>SL.NO</b>	<b>CHEMICALS</b>	<b>QUANTITY</b>
01	PETROLIUM ETHER	1 LTR
02	SAFRANIN	500 ML
03	ETHANOL	5 LTR
04	ACETONE	2 LTR
05	HEMATOXYLIN	500 ML
06	CHLOROFORM	5 LTR
07	SUCROSE	1 KG
08	BUFFER SOLUTION OF DIFFERENT PH	
09	ALPHA NAPHTHOL SOLUTION	500 ML
10	PETROLIUM JELLY	500 ML
11	GLYCERINE	500 ML

## DEPARTMENT OF BOTANY

SL.NO	MATERIAL / SLIDE	QUANTITY
01	RICCIA THALLUS	
02	MARCHANTIA V.S OF ANTERIOHPORE, ARCHEGONIONPORE, L.S. OF SPOROPHYTE ( SLIDE )	
03	ANTHOCERUS PERMANENT SLIDE AND MATERIAL	
04	V.S. OF THALLUS OF ANTHOCERUS	
05	PERMANENT SLIDE OF PELIA AND PORELLA	
06	PERMANENT SLIDE OF SPAGNUM	
07	PERMANENT SLIDE OF FUNARIA, ANTHERIDIAL & ARCHEGONIAL HEADS & L.S. OF CAPSULE AND PROTONEMA	
08	SELAGINELLA MATERIAL	
09	SELAGINELLA STROBILUS SLIDE	
10	EQUISETUM MATERIAL	
11	T.S OF RIHZOME OF EQUISETUM SLIDE	
12	PSILOTUM MATERIAL	
13	T.S. OF SYNANGIUM OF PSILOTUM SLIDE	
14	PTERIS MATERIAL	
15	T.S. OF RHIZOME AND W.M. OF PROTHALLUS WITH SEX ORGANS & YOUNG SPOROPHYTE OF PTERIS SLIDE.	
16	CYCAS MATERIAL – CORALLOID ROOT AND BULBIL	
17	PERMANENT SLIDES OF CYCAS – L.S. OF OVULES, T.S OF ROOT.	
18	PINUS MALE & FEMALE CONE, LONG AND DWARF SHOOT ( MATERIAL)	
19	L.S.OF FEMALE CONES T.S AND R.C. OF STAIN PINUS SLIDE	
20	GNETUM STEM, MALE CONE , FEMALE CONE MATERIAL	
21	T.S OF STEM & V.S. OF OVULE OF GNETUM SLIDE	
22	PERMANENT SLIDES OF BACTERIA, BINARY FISSION, ENDOSPORE, CONJUGATION AND ROOT NODULES SLIDE.	
23	MATERIALS AND PERMANENT SLIDES OF VEGETATIVE AND REPRODUCTIVE STRUCTURE OF ( NOSTOC, CHLAMYDOMONAS,VOLVOX,OEDOGONIUM, CHARA, VAUCHERIA,ECTOCARPUS, FUCUS, COLIOCHAETE AND POLYSIPHONIA.	

## DEPARTMENT OF BOTANY

SL.NO	APARATUS	QUANTITY
01	COMPUTER (DELL)	01
02	PRINTER (HP)	01

## DEPARTMENT OF CHEMISTRY

SL.NO	APARATUS	QUANTITY
01	DIGITAL AUTOMATIC MELTING POINT APPARATUS	
02	DOUBLE DISTILATION PLANT FOR WATER	

## DEPARTMENT OF MATHEMATICS

SL.NO	APARATUS	QUANTITY
01	COMPUTER (DELL)	01
02	COMPUTER TABLE	01

## DEPARTMENT OF PHYSICS

SL.NO	APARATUS	QUANTITY
01	COMPUTER (DELL)	02
02	PRINTER CUM SCANNER (HP)	01
03	SCILAB SOFTWARE	
04	KATER'S PENDULUM	
05	DE-SAUTY BRIDGE	
06	ANDERSONS BRIDGE	
07	CRO	

## DEPARTMENT OF EDUCATION

SL.NO	APARATUS	QUANTITY
01	COMPUTER (DELL)	01
02	PRINTER (HP)	01
03	INTELLIGENCE TEST VERBAL / NON-VERBAL TEST	
04	INDIVIDUAL TEST OR GROUP TEST	
05	CREATIVITY TEST ( ROR SCHACH INK BLOT TEST)	

## **DEPARTMENT OF PHYSICS, CHEMISTRY, BOTANY & ZOOLOGY**

<i>Sl.No</i>	<i>PRACTICAL TABLE WITH ALL FITTINGS</i>	<i>PRICE PER UNIT</i>
<i>01</i>	<i>PHYSICS</i>	
<i>02</i>	<i>CHEMISTRY</i>	
<i>03</i>	<i>BOTANY</i>	
<i>04</i>	<i>ZOOLOGY</i>	