

OFFICE OF THE PRINCIPAL

R.D.S. DEGREE MAHAVIDYALAYA, KUNDABAI, MAYURBHANJ, ODISHA- 757087

No: RSDSM/ 740 /2018

Dt: 1.12.2018

NOTICE

QUOTATION CALL NOTICE FOR PROCUREMENT OF LABORATORY EQUIPMENT/ CHEMICALS/ LABORATORY INFRASTRUCTURE/ FURNITURE FOR PHYSICS, CHEMISTRY, MATHEMATICS, BOTANY, ZOOLOGY & MICROBIOLOGY DEPARTMENTS OF THIS COLLEGE

Sealed price quotations are invited from registered firms/authorized dealers/ Distributers of reputed company for procurement of Laboratory equipments, chemicals, model, chart, laboratory infrastructure/ furniture for above mentioned departments of this college. The items along with detailed specifications term and conditions (Department wise) are available in the college website.

The intending firms can submit their quotations through registered post/ speed post so as to reach the office of the undersigned on or before 11 A.M. on 12.12.2018 positively. The quotation should be submitted for department wise separately and the sealed envelope super scribe with invited quotation for Laboratory equipments/ chemicals/ infrastructure/ furniture.

LAST DATE FOR SUBMISSION OF QUOTATION - 12.12.2018(11 A.M.)

Terms and Conditions

- Registration Certificate.
- Authorized dealership certificate.
- GST clearance certificate.
- Rate should be quoted with details specifications of the items.
- Rate quoted should be inclusive of GST.
- The approved firm will supply the items within 15 days from the date of issue of purchase order failing which the order will be treated as cancelled.
- Without authentic documents the quotation will be rejected by the authority.
- Payment will be made in shape of A/C Payee Cheque only.
- Principal reserves the right to accept or reject all the quotations without assigning any reason thereof.


11/12/2018

Principal -I/C-cum-secretary
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Kundabai, Mayurbhanj
Kundabai, Mayurbhanj

Memo No. 741 /Dt. 1.12.2018


11/12/18

1. Copy to all Notice Boards/ Account Bursar/ OIC stock & store/ HODs of Physics, Chemistry, Mathematics, Botany, Zoology & Microbiology for information and necessary action.
2. Copy forwarded to the news correspondents 'The Samaj' and 'The Prameya' and they are requested to publish the quotation call notice and mentioned below in their respective daily news paper in the next edition.


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No: RDSDM/742/2018 Dt: 1.12.2018

QUOTATION CALL NOTICE

Sealed price quotations are invited from registered firms/ authorized dealers / distributors of reputed company for procurement of Laboratory equipments, Chemicals / Laboratory infrastructure/ Furniture for various departments of this college. The items along with details specifications, terms and conditions are available in the college website : rdsdmkundabai.edu.in


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DEPARTMENT OF PHYSICS

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
INSTRUMENTS				
1	Verification of truth table of Logic Gates using Universal Gates (NAND & NOR Gates)	NISCO/JAINCO		
2	Measurement of susceptibility of a paramagnetic solution by Quink's tube method	NISCO/JAINCO		
3	Millikan's oil drop apparatus	NISCO/JAINCO		
4	Brewster's angle & refractive index of prism using spectrometer	NISCO/JAINCO		
5	Planck constant determination using LED	NISCO/JAINCO		
6	Two stage R-C coupled transistor amplifier	NISCO/JAINCO		
7	Tunnel diode characteristics apparatus	NISCO/JAINCO		
8	Malus law (Cosine square law) for plane polarized light by photo voltaic cell	NISCO/JAINCO		
9	To compare the capacity of two given capacitor by De-Sauty's method (Complete Set)	Reputed Brand		
10	To study magnetic field intensity due to a current carrying circular coil (Complete Set)	Reputed Brand		
11	To determine resolving power of telescope(Complete Set)	Reputed Brand		

[Signature]
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DEPARTMENT OF CHEMISTRY

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
INSTRUMENTS				
1	Spectrophotometer	Systronics-104		
2	Magnetic stirrer with hot plate	Remi		
2	Digital potentiometer	Systronics-318		
3	Centrifuge machine (Small)	Remi		
4	Vicous meter	Ostwald		
5	Digital stopwatch	Racer		
GLASSWARE MATERIALS				
1	Burrete	Borosil		
2	Mocroburrete	Borosil		
3	Oil bath (glass silicon oil)	Borosil		
4	Weighing bottle	Borosil		
CHEMICALS				
1	Conc. Hydrochloric acid	(Merck/Thermo Fischer)		
2	Ferric ammonium sulphate	-do-		
3	Copper sulphate	-do-		
4	Aceticanhydride	-do-		
5	Acetone	-do-		
6	Ammonia solution	-do-		
7	Potassium iodide	-do-		
8	Magnesium chloride	-do-		
9	Magnesium hudroxide	-do-		
10	Methyl alcohol	-do-		
11	p-amino phenol	-do-		
12	Salicyclic acid	-do-		
13	Tincture iodine	-do-		
14	Aluminium hydroxide	-do-		
15	1000 mg. vitamin-C tablet	-do-		
16	Urea solution	-do-		
17	Formalin solution	-do-		
18	Hydrogen peroxide	-do-		
19	Mohr's salt	-do-		
20	Zinc dust	-do-		
21	Nickel	-do-		
22	Iodine crystal	-do-		
23	Benzene	-do-		
24	Ethyl acetate	-do-		
25	Acetal dehyde	-do-		
26	Nitro phenol	-do-		
27	Aluminium chloride	-do-		
28	Ammonium acetate	-do-		
29	Poly vinyl alcohol	-do-		
30	Ammonium chloride solution	-do-		
31	Phenolphthaien indicator	-do-		
32	Methyl orange indicator	-do-		

33	Methyl red indicator	-do-		
34	Dimethyl glyoxime solution	-do-		
35	Dimethicone solution	-do-		
36	Propan -1-ol solution	-do-		
37	Glacial acetic acid	-do-		
38	Triethylamine solution	-do-		
39	Potassium sulphate	-do-		
40	Ethyl alcohol	-do-		



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DEPARTMENT OF MATHEMATICS

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
INSTRUMENTS				
1	Prismatic binocular magnification			
2	Green board (8' x 4')	Alko		
3	Green board (6' x 4')	Alko		
4	Mensuration chart			
5	Chart of math. Symbols			
6	Algebra identities			
7	Transparent acrylic			
8	Exterior angle of regular polygon			
9	Ratio of area similar triangles			
10	Integer tiles			
11	Parallelogram kit			
12	Geometrical instrumental box			
13	Calculator (casio)			
14	Working models of Pythagoras theorem (acrylic)(ML44)			
15	Sextant models			
16	Playing cards			
17	Clinometers compass			
18	Tangram (made of plastic)			
19	Triangle kit (Group activity set)			
20	Algebra tile			
21	Cubic identities $(a+b)^3$			
22	Dish balance with weighted number			
23	Dice superior (set of 6)			
24	Dice set of 4pcs. (plastic)			
25	Geo geometry stick			
26	Ink compass			
27	WSL-2500R/PA Lectern System	Ahuja		
28	Monitor, CPU, Mouse, Keyboard, UPS (complete set)	H.P. / DELL / LENOVO		
29	Arithmetic progression (magnetic tiles)			
30	Pascal triangle kit			
31	Conic section with standard equation			
32	Factorization tiles			


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DEPARTMENT OF BOTANY

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
INSTRUMENTS				
1	Compound Microscope	Olympus		
2	Simple Microscope (Radical)	Reputed Made		
3	Punching Machine			
4	Split Cork			
5	Cork borer (set of six)			
6	Digital visible spectrophotometer	Systronocs-104		
7	Model of TMV, T-Phase, Lytic Life cycle and Lysogenic Life cycle			
GLASSWARE MATERIALS				
1	Wilmott's Bubbler	Borosilicate		
2	Farmer's Potometer	Borosil		
3	Ganong's Potometer	Borosil		
4	T/A Apparatus	Borosil		
5	Measuring cylinder	Borosil		
6	Measuring cylinder	Borosil		
7	Measuring cylinder	Borosil		
8	Beaker	Borosil		
9	Beaker	Borosil		
10	Beaker	Borosil		
11	Beaker	Borosil		
12	Cavity Slide	Porocelien		
13	Measuring Flask	Borosil		
14	Measuring Flask	Borosil		
15	Measuring Flask	Borosil		
16	Funnel	Borosil		
17	Microslide	Borosil		
18	Glass rod	Borosil		
19	Test tube	Borosil		
CHEMICALS				
1	Sodium bicarbonate	(Merck/Thermo Fischer)		
2	Vaseline	-do-		
3	Grease	-do-		
4	Petroleum ether	-do-		
5	Acetone	-do-		
6	Formal dehyde	-do-		
7	Ethanol	-do-		
8	Sucrose	-do-		
9	Glycerin	-do-		
10	Concentrated Nitric acid	-do-		
11	Sodium hydroxide	-do-		
12	Ammonia solution	-do-		
13	Safranine	-do-		
14	Haematoxyline	-do-		
15	Fehling Solution A	-do-		

16	Fehling Solution B	-do-		
17	DPX Mountant	-do-		
18	PH Paper	-do-		
19	Filter Paper	-do-		
20	Blotting Paper	-do-		
MUSEUM SPECIMEN				
1	Microsporophyll and Megasporophyll of Cycas			
2	Cone of Pinus			
3	Coralloid root of cycas			
4	Cone of Gnetum			
CHART & SLIDES (PERMANENT)				
1	Various forms of Bacteria			
2	Bacterial Cell			
3	Binary Fission of Bacteria			
4	Endospore of bacteria			
5	Bacteroids in a nodule cell			
6	T.S. of root nodules			
7	Bacterial conjugation			
8	Cyas coralloid root			
9	Cycas ovule			
10	Dicot Embryo			
11	Monocot Embryo			
12	Pinus Ovule			
13	Gnetum Ovule			
14	Anetropous Ovule			
15	Cirintropous Ovule			
16	Rhizopus			
17	Penicillium			
18	Cycas leaf			
19	Cycas stem			
20	Secondary growth of different stems			
21	Riccia			
22	Marchantia			
23	Anthocerus			
24	Pellia			
25	Porella			
26	Sphagnum			
27	Funaria			
28	Psilotum			
29	Selaginella			
30	Equisetum			
31	Lycopodium			
32	Adiantum			
33	Marsilea			
34	Monocot stem			
35	Monocot root			
36	Monocot leaf			

37	Dicot root			
38	Dicot stem			
39	Dicot leaf			
CLASS WORK MATERIALS				
1	Nodulated roots of Bacteria			
2	Foliose			
3	Crustose & Fructicese lichen			
4	Nostoc			
5	Chlamydomonas			
6	Volvox			
7	Oedogonium			
8	Coleochacte			
9	Chara			
10	Vaucheria Ectocarpus			
11	Cucus			
12	Polysiphonia			
13	Aspergillus			
14	Rhizopus			
15	Penicillium			
16	Peziza			
17	Alternaria			
18	Puccinia			
19	Agaricus			
20	Albugo			
21	Riccia			
22	Merchantia			
23	Anthocerus			
24	Funaria			
24	Psilotum			
25	Selagnelk			
26	Equisetum			
27	Lycopodium			
28	Adiantum			
29	Mersilea Cycas			
30	Leaf			
31	Pinus needle			
32	Bignonia			
33	Mirabilis			
34	Amaranthus			
35	Onion root tip			
36	Onion Flower bud			



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DEPARTMENT OF ZOOLOGY

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
INSTRUMENTS				
2	Light Microscope	Reputed Made		
3	Bunsen Burner (Complete set)			
4	Spectrophotometer	Systronics-104		
5	Sphygmo manometer (mercury)	Reputed Made		
GLASS WARE & CLASS WORK MATERIALS				
1	Porcelain plate			
2	Centrifuge tube			
3	Forceps			
4	Cavity slides			
5	WBC pipette			
6	Micro slides			
7	Nutrient agar			
8	Mixed culture			
9	Pure culture of E.Coli			
10	Minimal salt agar			
11	Nutrient agar deeps			
12	Nichrome blade			
13	PH paper			
CHEMICALS				
1	Peptone	Merck/Thermo fischer		
2	KOH	-do-		
3	Potassium Iodide	-do-		
4	Acetone	-do-		
5	Alcohol	-do-		
6	Safranin	-do-		
7	Crystal violet	-do-		
8	Fehling solution	-do-		
9	Sucrose	-do-		
10	Benedicts solution	-do-		
11	Sodium bicarbonate	-do-		
12	Glycerin	-do-		
13	Starch powder	-do-		
14	Iodine solution	-do-		
15	Different PH tablets	-do-		
16	Chloroform	-do-		
17	Magnesium Sulphate	-do-		
18	Sodium Chloride	-do-		
19	Calcium chloride	-do-		
20	EDTA	-do-		
21	SDS	-do-		
22	Sodium perchlorate	-do-		
23	Lysozyme	-do-		
24	Protein solution	-do-		
25	Copper Sulphate	-do-		

26	Hayem's Fluid	40-		
LABELED PHOTOGRAPHS				
1	Antamoeba			
2	Paramecium			
3	Plasmodium			
4	Cancer Cell			
TEMPORARY MOUNT SLIDES				
1	Spicules			
2	Gemmules			
3	Sponging fibers			
4	Placoid scale			
5	Cycloid scale			
6	Ctenoid scale			
PERMANENT SLIDES				
1	T.S. through pharynx of earthworm			
2	T.S. through gizzard of earthworm			
3	T.S. through typhlosolar intestine of earthworm			
4	T.S. through crop of lich			
5	T.S. through rectum of mammal			
6	T.S. through lung of mammal			
7	T.S. through trachea of mammal			
8	Sponge gamules			
9	Spicules			
10	Hydra (w.m.)			
11	Hydra with bud			
12	Parapodium of nereis			
13	Larval forms of fasciola			
14	T.S. through skin of mammal			
15	T.S. through cartilage of mammal			
16	T.S. through bone of mammal			
17	T.S. through spinal cord of mammal			
18	T.S. through testis of mammal			
19	T.S. through ovary of mammal			
20	T.S. through adrenal of mammal			
21	T.S. through thyroid of mammal			
MUSEUM SPECIMEN				
1	Sycon			
2	Hyalonema			
3	Physalia			
4	Millepora			
5	Aurelia			
6	Ephyra larva			
7	Tubipora			
8	corallium			
9	Metridium			
10	Aphrodite			
11	Sabella			
12	Terebella			

13	Serpula			
14	Chaetopterus			
15	Limulus			
16	Daphnia			
17	Balanus			
18	Sacculina			
19	Cancer			
20	Eupagurus			
21	Scolopendra			
22	Julus			
23	Termite			
24	Louse			
25	Honey bee			
26	Silk moth			
27	Wasp			
28	Dragon fly			
29	Chiton			
30	Dentalium			
31	Doris			
32	Helix			
33	Unio			
34	Ostrea			
35	Mytilus			
36	Loligo			
37	Sepia			
38	Cypraea			
39	Balanoglossus			
40	Herdmania			
41	Petromyzon			
42	Myxine			
43	Pristis			
44	Torpedo			
45	Chimaera			
46	Notopterus			
47	Mystus			
48	Hippocampus			
49	Exocoetus			
50	Tetrodon			
51	Ichthyophis			
52	Alytes			
53	Salamandra			
54	Chelone			
55	Trionyx			
56	Varanus			
57	Chamaeleon			
58	Bungarus			
59	Draco			
60	Vipera			
61	Naja			

62	Hydrophis			
63	Crocodylus			
64	Sorex			
65	Disarticulated skull bone of frog			
66	Disarticulated skull bone of varanus			
67	Disarticulated skull bone of fowl			
68	Disarticulated skull bone of rabbit			
69	Disarticulated limb bone of frog			
70	Disarticulated limb bone of varanus			
71	Disarticulated limb bone of fowl			
72	Disarticulated limb bone of rabbit			
73	Vertebrae of frog			
74	Vertebrae of varanus			
75	Vertebrae of fowl			
76	Vertebrae of rabbit			
77	Carapace of turtle			
78	Plastron of tortoise			
79	Mammalian skull (herbivorous)			
80	Mammalian skull (carnivorous)			


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LIST OF EQUIPMENTS & LABORATORY MATERIALS

DEPARTMENT OF MICROBIOLOGY

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
INSTRUMENTS				
1	BOD Incubator	Supertech		
2	Light Microscope	Olympus		
3	Bunsen Burner (Complete set)			
4	Spectrophotometer	Systronics-104		
5	Hemocytometer	Reputed Brand		
6	Stop Watch	Reputed Brand		
7	Magnetic Stirrer	Remi		
GLASS WARE & CLASS WORK MATERIALS				
1	Screw Capped Culture Tubes(100mm)	Reputed Made		
2	Screw Capped Culture Tubes(150mm)	-do-		
3	Erlenmeyer flasks(500ml)	-do-		
4	Erlenmeyer flasks(150ml)	-do-		
5	Nonabsorbent Cotton	-do-		
6	Nonabsorbent Gauze	-do-		
7	Inoculation loop	-do-		
8	L-shaped bent glass	-do-		
9	Porcelain plate	-do-		
10	LB Broth	-do-		
11	Nutrient Broth	-do-		
12	Centrifuge tube	-do-		
13	Ampicillin disk	-do-		
14	Tetracyclin disk	-do-		
15	Forceps	-do-		
16	Nylon Mesh	-do-		
17	Platinum loop	-do-		
18	Cavity slides	-do-		
19	WBC pipette	-do-		
20	Micro slides	-do-		
21	Beef extract	-do-		
22	Bacterial Sample	-do-		
23	Nutrient agar	-do-		
24	Mixed culture	-do-		
25	Pure culture of E.Coli	-do-		
26	Minimal salt agar	-do-		
27	Nutrient agar deeps	-do-		
28	YEM agar medium	-do-		
29	Nichrome blade	-do-		
30	Yeast extract	-do-		
31	PH paper	-do-		

CHEMICALS				
1	Peptone	Merck/Thermo-fischer		
2	KOH	-do-		
3	Potassium Iodide	-do-		
4	Acetone	-do-		
5	Alcohol	-do-		
6	Safranin	-do-		
7	Crystal violet	-do-		
8	Fehling solution	-do-		
9	Sucrose	-do-		
10	Benedicts solution	-do-		
11	Sodium bicarbonate	-do-		
12	Sudan-III	-do-		
13	Glycerin	-do-		
14	Starch powder	-do-		
15	Iodine solution	-do-		
16	Different PH tablets	-do-		
17	Gelatin	-do-		
18	Chloroform	-do-		
19	Magnesium Sulphate	-do-		
20	Sodium Chloride	-do-		
21	Calcium chloride	-do-		
22	EDTA	-do-		
23	SDS	-do-		
24	Sodium perchlorate	-do-		
25	Lysozyme	-do-		
26	Streptomycin Sulphate solution	-do-		
27	Mercuric chloride	-do-		
28	K ₂ HPO ₂	-do-		
29	Mg SO ₄ . 7H ₂ O	-do-		
30	Mannitol	-do-		
31	Methylene Blud	-do-		
32	Lacto phenol	-do-		
33	Protein solution	-do-		
34	Copper Sulphate	-do-		
35	Blood Grouping Kit	-do-		
36	Hayem's Fluid	-do-		
LABELED PHOTOGRAPHS				
1	Amoeba			
2	Antamoeba			
3	Paramecium			
4	Plasmodium			
5	Structure of Pox virus			
6	Structure of TMV Virus			
7	Cucumber Mosaic Virus & Symptomes			
8	Chlorosis of banana symptoms			
9	Tobacco Mosaic disease			

10	Rice dwarf disease			
11	Groundnut rosette disease			
12	Banana Bunchy top disease			
13	Cancer Cell			
14	Fermenter			
TEMPORARY MOUNT SLIDES				
1	Rhizopus			
2	Penicillium			
3	Aspergillus			
4	Nostoc			
5	Annebina			
6	Chlamydomonas			
7	Volvox			
PERMANENT SLIDES				
1	Mitosis (all Stages)			
2	Meiosis (all Stages)			



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LIST OF FURNITURES

Sl. No.	Name of the Items	Description	Quantity	Rate Quoted per Piece
1	Science Practical Stool (Iron)	20'H x 14"x14" Base		
2	Demonstration Table (Ply top)	6' x 4' x 2'6" H		
3	Steel Rack (5 Self)	6' x 3' x 17"		
4	Physics Table with Pre-laminated top	3' x 3' x 2'6" H		
5	Steel Glass door Almirah	4'6"H x 6' x 15" D		
6	Steel Coup Board (One self)	2' x 2' x 18"W		
7	Combine Bench & desk with pre laminated top (3 seaters)	4ft Length		
8	Table (Mica Top) 3 Draw	4' x 2'6" x 2'6"		
9	Reading Writing Chair (Iron frame, fiber base, pre laminated writing top)			
10	Refrigerator (Godrej/Whirlpool)	185 ltrs.		
11	Sanitary Fittings			
12	Computer Table			


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