



OFFICE OF THE PRINCIPAL
DHEMAJI COLLEGE
(Re-accredited (2nd Cycle) by NAAC with B Grade, (CGPA 2.70) in 2013)

Dhemaji, Assam – 787057, Estd. – 1965

website : www.dhemajicollege.in; email : dhemajicollege@rediffmail.com, dhemajicollege@gmail.com; Tel. : 9435506155

Ref.No. DC/Lab/Supply/2021-22/239

Date: 28 – 06 - 2024

TENDER NOTICE

FOR SUPPLY OF LABORATORY EQUIPMENTS

The undersigned invites Sealed Quotations/Tenders from reputed and experienced Firm/Supplier for supplying the following laboratory equipments and chemicals for Dhemaji College, Dhemaji on or before 4.00 pm of 15-07-2024. The selection of the items will be based on Standard Operating Procedures/Guidelines of tender evaluation committee. The tender committees have all the rights to disqualify based on the quality of the item provided by the supplier. The tender committee reserves the right to reject any or all Tenders without assigning any reason thereof. Payment shall be made after supply of all the requirements as per the supply order. **No part or advance payment shall be made.**

Quotation must contain the following documents:

1. Item, Brand Name, Specification, Price up to installation including all taxes applicable and other charges as applicable.
2. Copy of GST Account
3. Copy of PAN associated with the GST Account
4. Copy of Trade License
5. Copy of Authorisation Letter from the Company
6. Previous Supply Order from different Institute.

Tender will be opened on 16-07-2024 at 12:00 noon

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List of requirements

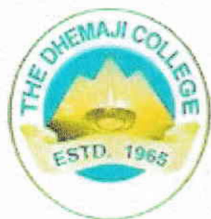
1. Department of Botany

Sl No.	Item name and specification if any	Quantity
1	Iodine	100 ml x 2= 200 ml
2	Fehling's reagent	500 ml
3	Molisch's reagent	500 gm
4	Benedict's reagent	500 ml
5	Barfoed's reagent	500 ml
5	Potassium hydroxide	500 gm
6	Osmic acid	1 gm
7	Chloroform	500 ml
9	Ether	500 ml
10	Benzene	250 ml
11	Conc. HCl	500 ml
13	Conc. H ₂ SO ₄	500 ml
14	Litmus paper	5 pack
17	Filter paper (grade 1)	5 pack
18	Millon's reagent	125 ml
19	HNO ₃	500 ml
20	Glacial acetic acid	500 ml
21	Ehrlich reagent	125 ml
22	Copper sulphate	500 gm
23	NaOH	500 gm
24	Folin-Ciocalteu reagent	500 ml
25	Sodium carbonate	500 gm
26	Ammonium sulphate	500 gm
27	Sodium potassium tartrate	500 gm
28	Basic fuchin powder	25 gm
29	Potassium meta-bisulphite	500 gm
30	Paraffin	1 ltr
31	Charcoal powder	500 gm
32	Methyl red indicator	500 ml
33	Sucrose	500 gm
34	Laminar Air flow hood (Single cabinet)	1 unit
35	Digital pH meter	1 unit

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2. Department of Chemistry

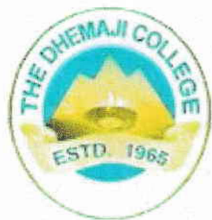
Serial No.	Name of item	Quantity
01	pH-meter Electrode	02
02	pH-meter with Electrode	03
03	Conductivity meter with electrode	03
04	Magnetic Beads (Medium Size)	01 pkt
05	Polarimeter Tube (length: 100 mm)	02
06	Stalagmometer	03
07	Viscometer	03
08	Aniline Point Apparatus	01
09	Single Beam Spectrophotometer (Labtronics)	01
10	Colorimeter (Labtronics)	01
11	Ethanol	500ml* 5 nos
12	Filter paper	3 box
13	Aluminium sulphate	500g* 1 nos
14	Copper sulphate	500g*1 nos
15	Ferric chloride	500g* 1 nos
16	Sulphuric acid	2.5 L* 3 nos
17	Beaker	250 mL* 5 nos
18	Beaker	500 mL* 5 nos
19	Beaker	100 mL* 5 nos
20	Ammonia solution	500 mL* 4 nos
21	Methanol	500 mL* 2 nos
22	Oxalic acid	500g* 2 nos
23	Sodium carbonate	500g* 1 nos
24	Barium chloride	250g* 1 nos
25	Benzoic acid	500g* 1 nos
26	Salicylic acid	500g* 1 nos
27	Nessler's reagent	100 mL* 2 nos
28	Ammonium chloride	500g* 2 nos
29	Pipette	20 mL* 5 nos
30	Burette	5 nos
31	Litmus paper (Blue and red)	5 nos

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Serial No.	Name of item	Quantity
32	o-nitrophenol	250g* 1 nos
33	Fehling A	500mL* 1 nos
34	Fehling B	500 mL* 1 nos
35	Chloroform	500 mL* 2 nos
36	Dichloromethane	500 mL* 2 nos
37	Hydrochloric acid	2.5 L* 1 nos
38	Aniline	500mL* 1 Nos
39	Test-tube brush	5 nos
40	Sucrose	500g* 1 nos
41	Capillary tube	2 nos
42	Ammonium carbonate	500g* 1 nos
43	Hydrogen peroxide	500 mL* 2 nos
44	Sodium nitroprusside	100g* 1 nos
45	Sodium hydroxide	500g* 2 nos
46	Potassium hydroxide	500g* 2 nos
47	Dinitrophenyl hydrazine (DNP)	100g* 1 nos
48	Sodium metal	500g* 1 nos
49	Porcelain basin	2 nos
50	Ammonium Sulphate	500g *1 nos.
52	TLC paper	5 sheets
53	p-phenylene diamine	500g * 1 nos.

3. Department of Physics

Sl No	Name of the equipments	Quantity
1	Digital Storage Oscilloscope, 60 MHz, Brand: GW Instek	2
2	Complete set up of Michelson's Interferometer.	1
3	Complete setup to determine the moment of inertia of a flywheel.	1
4	Complete setup to study the motion of spring and calculate (a) Spring constant, (b) acceleration due to gravity 'g' and (c) Modulus of rigidity.	1
5	Complete setup to determine the Young's Modulus of a wire by Optical Lever Method.	1

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4. Department of Electronics:

SL No.	Item	Specifications	Qty
1	Function Generator	HTC Inst. FG2010 10MHz	1
2	Galvanometer		3
3	LVDT Trainer Kit		1
4	8051 Trainer kit		1
5	PCM/DPCM Trainer Kit		1
6	TDM Trainer kit		1
7	FDM Trainer Kit		1
8	Inductor	Various	20
9	Diode	1N4001/2/7	50
10	MOSFET		5
11	Zener Diode		20
12	Transformer (SD)	9-0-9 & 12-0-12	15
13	7-segment Display		20
14	DC Motor	12V (any rpm)	10
15	RTD	PT100	2
16	Laser Diode		10
17	PCB	10x15 cm	20
18	HP 12A Tonner Compitable		2
19	Tester	Taparia	2
20	Screw Driver Set	Taparia	2
21	Wire Cutter		2
22	Plier	Taparia	2
23	Nose Plier	Taparia	1
24	Hookup Wire (1S)		50

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5. Department of Zoology

A. Chemicals

Sl. No.	Name	Quantity
1	Hematoxylin	500 mL X 1
2	Eosin	500 mL X 1
3	Formaldehyde	5 L X 1
4	<u>Amino acids</u> : Tyrosine, Glutamate, Arginine, Glycine, Aspartic acid	1 vial each of 1000 mg

B. List of Kits


Sl. No.	Name	Quantity
1	ABO / Blood grouping Kit	1 No.
2	SGOT assay kit	1 No.
3	SGPT assay kit	1 No.
4	Alkaline phosphatase kit	1 No.
5	Acid Phosphatase kit	1 No.
6	GSH assay kit	1 No.
7	Water Analysis kit, for Iron, Nitrate, Chloride, Hardness, etc.	1 No.

C. Others

Sl. No.	Name	Quantity	Make
1	Slide cabinet for 500 slides	1	Any make
2	Metal Rack for Museum	1	
3	Binocular Microscope with bulb, objectives of 5X, 10X, 50X, 80X, 100X	2	Olympus

6. Others items:

Sl. No.	Name	Make
1	Interactive Panel-65 Inch and 75 inch	Optoma/ BenQ/ View sonic/Other brands
2	HP Desktop computers along with all accessories (Intel® Core™ i3/i5 Processors, 4GB/8GB DDR4/500GB/1TB, SSD/Windows OS, 19.5" Monitor, USB Wired Keyboard, USB Optical Wired Mouse, UPS 600VA)	HP
3	Ceiling Fans (3 blades)	Hevells/ Polar/ V Guard
4	Alkospign Green Board (Size: 4 x 6, 4 x 8 feet)	Alkospign
5	Alkospign White Board (Size: 4 x 6, 4 x 8 feet)	Alkospign
6	Drill Machine, 600/650 Watt	Bosch


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