

DHEMAJI COLLEGE

Dhemaji, Assam

Pin:787057

Ref. No. DC/Quotation/Accounts/2019-20/14.


Date: 29.11.2022

NOTICE INVITING QUOTATION

Sealed Quotations/Tenders are invited from reputed and experienced Firm/Supplier for supplying the following laboratory equipments and chemicals for Dhemaji College, Dhemaji on or before 12.00 noon 09-12-2022. The selection of the items will be based on Standard Operating Procedures/Guidelines of tender evaluation committee. The tender committee 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. 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 10-12-2022 at 12:00 noon


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Department of Botany

SL No	ITEM	Specification	QUANTITY	Brand
1	Bottle Specimen – Fungi (5 Unit)	Albugo, Puccinia, Alternaria, Penicillium, Rhizopus, Agaricus, Phytophthora, Slime Molds, Peziza, Neurospora, Aspergillus, Sacchromycetes,	1 UNIT each (small)	BIOCRAFT SCIENTIFIC SYSTEM PVT. LTD. (AGRA)
2	Plant Pathology	Citrus canker, Leaf spot of cotton, TMV leaf, Black stem rust, White rust of crucifers	2 unit	SAME
3	Slide (Permanent)	Albugo, Puccinia, Alternaria, Penicillium, Rhizopus, Agaricus, Phytophthora, Slime Molds, Peziza, Neurospora, Aspergillus, Sacchromycetes,	1 Slide each	SAME
4	Slide (Anatomy)	Tracheids, Vessels, Perforation plates, Xylem fibres, sieve tubes, sieve plates, companion cells, phloem fibres, Nerium leaf, Hydrilla, water hyacinth ,epiphytes, Stomata types, Trichomes , Tissue – Parenchyma, Collenchyma and Sclerenchyma.	1 slide each	SAME
5	Secretory tissues (Slide)	Cavities, lithocytes and laticifers	1 slide each	SAME
6	Embryology Slide	Embryo sac, ovule types, Anther, Tapetum (Amoeboid and secretory/glandular	1 slide each	SAME
7	Lichen (Dry specimen)	Crustose, Foliose and Fruticose	1 each	SAME
8	Mycorrhizae (Slide)	Endomycorrhiza and Ectomycorrhiza	1 each	SAME


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Department of Electronics

Sl no.	Equipment name	No. of equipments required:
1	Regulated Power Supply(0-30) single channel	1
2	Audio Function Generator	1
3	SCR(Thyrister) through-hole component	5-10
4	Solar cells	5-10
5	IC 74153 (4x1 multiplexer), 7411 (3-input AND gate), 4072(4-input OR gate)	5-10 each
6	4511 IC (BCD to Seven Segment Decoder)	5
7	7476 IC (J-k flip flop), 7474 IC (D flip-flop),	5 each
8	Op Amp ICs	10
9	Kelvin's Double bridge	1
10	AD590 (transducer), PT-100	10
11	Thermocouple (thermoelectrical thermometer)	1-2
12	DIAC and IGBT	5-10 each
13	LDR, Photo-diode, Photo transistor, photo sensor	10 each
14	PIC microcontroller USB kit2 Burner and 8085 chips	2-4
15	10k, 50k, 100k Potentiometer (through-hole component)	5 each
16	Soldering Station and Soldering Iron Set	2
17	BC 547 transistor BC 557 transistor	20 each
18	PCB	5 pieces
19	Male to Male Breadboard Jumper Wires ~10 cm	~40pieces

Department of Physics

S.L. No.	Name of Equipments	Quantity	Brand Name
Name of the Paper: Experimental Techniques			
1	Determine output characteristics of a LVDT & measure displacement using LVDT	1 Set	Omega /Besto/Others
2	Measurement of Strain using Strain Gauge.	1 Set	
3	Measurement of level using capacitive transducer.	1 Set	
4	To study the characteristics of a Thermostat and determine its parameters	1 Set	
5	Study of distance measurement using ultrasonic transducer.	1 Set	
6	Calibrate Semiconductor type temperature sensor	1 Set	
7	To measure the change in temperature of ambient using Resistance Temperature Device (RTD).	1 Set	
8	Create vacuum in a small chamber using a mechanical (rotary) pump and measure the chamber pressure using a pressure gauge.	1 Set	
9	Design and analyze the Clippers and Clampers circuits using junction diode	1 Set	
10	To plot the frequency response of a microphone.	1 Set	
11	To measure Q of a coil and influence of frequency, using a Q-meter.	1 Set	



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Department of Zoology

Sl. No.	Category	Particulars	Quantity
1	Cytological slides	<u>Mitosis stages (Onion root or others)</u> Prophase Metaphase Anaphase Telophase	1 slide each
		<u>Meiosis slides (Grasshopper or other animal)</u> Leptotene Zygotene Pachytene Diplotene Diakinesis Metaphase – I Anaphase – I Telophase – I Prophase – II Metaphase – II Anaphase – II Telophase - II	1 slide each
2	Whole mounts	Binary fission in <i>Paramecium</i> Conjugation in <i>Paramecium</i> <i>Amoeba</i> <i>Plasmodium</i> <i>Euglena</i> <i>Paramecium</i> <i>Herdmania</i> spicules Bipinnaria larva Pluteus larva	1 each
3	Sections	T.S. <i>Sycon</i>	1 each
		Earthworm: T.S. through 1. Pharynx, 2. Gizzard, 3. Triphlosole, 4. Intestine	
		T.S. of <i>Balanoglossus</i> through: 1. Proboscis 2. Branchio-genital region	
		T. S. of <i>Amphioxus</i> through: 1. Pharynx, 2. Intestine, 3. Caudal region	


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Sl. No.	Category	Particulars	Quantity
4	Histological slides	<u>Mammalian slides:</u> 1. Skin 2. Cartilage 3. Bone 4. Spinal cord 5. Nerve cell 6. Squamous epithelium 7. Blood smear	1 each
5	Specimen	<i>Ascaris</i> specimen (Male and Female) <i>Ctenophora</i> <i>Hyalonema</i> <i>Euplectella</i> <i>Spongilla</i> <i>Herdmania</i> <i>Noctiluca</i>	1 each
6	Models	<u>Mammalian skull of:</u> 1. Herbivore 2. Carnivore <i>Archaeopteryx</i> <i>Homo erectus</i> <i>Australopithecus afarensis</i>	1 each
7	Chemicals	Iodine solution for biochemical test Benedicts reagent Fehling's solution A Fehling's solution B Biuret reagent Ninhydrin Formaldehyde Millon's reagent Sudan III Ethanol Wahtman No. 1 filter paper Bovine serum albumin Sucrose Sodium hypobromide Sulphosalicylic acid Smith's reagent	200 mL 1000 mL 1000 mL 1000 mL 200 mL 200 mL 500 mL 500 mL 200 mL 1000 mL 20 nos. 500 mg 500mg 500 mL 200 g 200 mL
8	Instruments	Stethoscope Turbidity meter Centrifuge	1 no. 1 no. 1 no.
9	Glasswares	Cover glass (18 mm)	20 box


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