

APC Roy Govt. College
Siliguri – 10

Tender Notice No.3/19-20 dated 22/08/19

Sealed quotations are invited from the competent authority within **29/08/19** for furniture & fittings, office equipments, Books, Chemicals, Glasswares, Plasticwares, consumables, equipments & accessories for various departments including BOOST program & DST project [821 (Sanc.)/ST/P/S&T/2G-13/2018 dated 18/06/19]. For details, contact Principal's office or concerning departments on all working days. Visit www.apcrgc.org

Terms and conditions

1. The authority reserves the right to reject any or all the quotations without assigning any reasons thereof.
2. Equipments should be of a reputable make.
3. Documents to be submitted along with the quotation: Copy of the PAN card, Bank details, Trade License, valid GST certificate, IT clearance
4. The cost of instruments should be quoted by showing base price (exclusive GST)
5. For purchase of chemicals, glasswares and plasticwares and other consumables stating percentage of discount applicable on price catalogue 2019-20.
6. For purchase of books, stating the percentage of discount applicable for Bengali, English version Indian books, foreign books.

DEPARTMENT OF BOTANY

Microscope assessor (MCA-CMOS 5MP, with fixed eye spiece tube adaptor, BSILab)

DEPARTMENT OF CHEMISTRY

Critical solution temperature measurement apparatuses.

Complete experimental set up including hard glass test tube with side neck fitted with glass stirrer and thermometer (smallest division 0.1 degree), steel ring stirrer for outside stirring.

DEPARTMENT OF PHYSICS

List of instruments

SI. No.	Name of the Article/Apparatus/Instrument etc. with Specification	Rate	GST	Total
1	Processor Intel Core i3 (8 th Gen)			
2	Mother Board			
3	HDD 1TB,			
4	RAM -DDR 4GB,			
5	DVD Writer (HP)			
6	USB wired keyboard (HP)			

7	Mouse (HP)			
8	18.5" Monitor (HP)			
9	Cabinet-600W, Dual fan			
10	Processor Intel Core i5 (8 th Gen)			
11	USB- APC 600VA			
12	Printer: HP Laser jetM1136 pro Multifunction Monochrome Printer Black			
13	Printer: HP LaserJet M1005 Multifunction Monochrome Laser Printer			
14	Head phone with microphone- Logitech H151			
15	Head phone with microphone- Lenovo P560			
16	Electric Kettle- Bajaj 1-Litre 1200-Watt Cordless Kettle, White			
17	LED High Power Video Light (Super Bright) For Sony Handycam HDR-SR12 (Includes Mounting Brackets)			
18	Apparatus to determine the Height of a Building using a Sextant-Complete Set Specification: Frame: light alloy; Graduated : -5-125oX1o on the earth; Micrometer: Divided to 1 minutep; Index mirror-Rectangular; Horizon mirror: Circular, 50 mm dia, Shade glasses- Three different densities for direct rays and four refracted rays, Star telescope: Galilean monocle 4X40 mm, prismatic monocle 7x35 mm, prismatic monocle 7x50 mm. Shade caps- 1 dark polarised light; Illuminator- Equipped; Adjusting tools- 1-wrench for mirror, Spare Parts- two dry cells, two bulbs, Telescope- Astronomical and Terrestrial, Sextant- German silver scale embaded in brass frame.			
19	Apparatus to determine the Moment of Inertia of a Flywheel-Complete set:			
20	Experimental kit for Network theorem: Thevenin theorem, Norton Theorem, Superposition , Maximum power transfer theorem- Digital compact Kit			
21(i)	_Complete Set Electromagnet (For measurement of susceptibility of paramagnetic solution (Quinck`s Tube Method))			
21(ii)	Power supply for magnet (For measurement of susceptibility of paramagnetic solution (Quinck`s Tube Method))			
21(iii)	Gaussmeter and acceories (For measurement of susceptibility of paramagnetic solution (Quinck`s Tube Method))			
22(iv)	Traveling microscope			
22(i)	Electromagnet (For measure the Magnetic susceptibility of Solids)			
22(ii)	Power supply for magnet (For measure the Magnetic			

	susceptibility of Solids)			
22(iii)	Gaussmeter and accessories (For measure the Magnetic susceptibility of Solids)			
22(iv)	Digital balance (For measure the Magnetic susceptibility of Solids)			
23	Power Supply- 0-20V, 0-2A, Double Chanel, Four digital meter			
24	Power Supply- 0-30V, 0-3A, Double Chanel, Four digital meter			
25	Power Supply- 0-60V, 0-5A, Double Chanel, Four digital meter			
26	Function Generator- 0.1Hz-200 kHz, Sine, Square, Triangular wave, Variable Vpp			
27	Function Generator- 0.1Hz-300 kHz, Sine, Square, Triangular wave, Variable Vpp			
27	Function Generator (MSG3M- APLAB)			
28	AC Millivoltmeter- RE make			
29	Laser Pointer for Projector			
30	Infrared Thermometer (IR) temperature			
31	Infrared Thermometer Temp Range -30 To 500C (Fluke 62 Max Infrared Thermometer Temp Range -30 To 500C)			
32	Milliammeter- 0 – 200 mA, Analog			
33	Milliammeter- 0 – 200 mA, Digital			
34	Milli voltmeter- 0 -500 milivolt			
35	Fixed resistance- 1 ohm, 2 ohm			
36	Fixed capacitance- 0.1, 0.2, 0.3 μF (Box type)			
37	Charge discharge key- Heavy type, Nickel plated brass strips			
38	BNC (Bayonet Neill–Concelman) Connector, 75/50 Ohm, for at least 2 GHz, IMPORTED			
39	BNC to BNC (Bayonet Neill–Concelman) Connector, 75/50 Ohm, for at least 2 GHz, IMPORTED			
40	Digital Multimeter Along With Calibration Certificate Fluke 101 Digital Multimeter Along With Calibration Certificate			
41	Power Supply- 0-2V fixed			
42	Rechargeable 4 volt dry cell			
43	Measurement of unknown low resistance by carey foster method complete set—Complete set			
44	Measurement of unknown low resistance by end correction of meter bridge – complete set			
45	Measurement of coefficient of viscosity by capillary flow method			

46	Platinum Resistance Thermometer			
47	Phol's Commutator			
48	Charge Discharge Key			
49	Experimental kit for Network theorem: Thevenin theorem, Norton Theorem, Superposition , Maximum power transfer theorem			
50	LCR bridge- Trainer Kit with AC source, voltmeter, miliammeter, Frequency meter etc.- complete set			
51	To determine Low resistance by Potentiometer-Complete set			
52	Resistance Box (OSWA) 1-100 Ohm			

DEPARTMENT OF ZOOLOGY

1. Consumables

A. Chemicals

- i. Merck (India)
- ii. Merck (Germany)
- iii. Sigma
- iv. Fisher bioreagents
- v. Fisher reagents
- vi. Qualigen
- vii. Genei
- viii. Bio-rad
- ix. SD Fine
- x. Himedia
- xi. Nice
- xii. SRL
- xiii. Bengal Chemical
- xiv. Ranken (Aventor)

B. Glassware and plastic ware

- i. Borosil (R)
- ii. Borosil Glass
- iii. Tarson
- iv. Polylab
- v. Thermo Fisher
- vi. Greiner-Bio one

2. Accessories for instruments

- i. Online UPS with 2 KV capacity (Microtech)
- ii. Battery for UPS (Excide)
- iii. Chamber illumination with fluorescent light for cooling incubator CI-10S
- iv. Chamber illumination with UV light for cooling incubator CI-10S

- v. Cyclic timer for regulating illumination condition in cooling incubator CI-10S
- vi. Objective: PLCN 20X, PLCN 40X, PLCN 100XO for Olympus CX 45 microscope
- vii. Spacer plate with 0.75mm, 1.0 mm and 1.5 mm internal spacer for Biorad Miniprotean tetra cell- Biorad 165-3310, 3311, 3312
- viii. Comb 10 well with 0.75mm, 1.0 mm and 1.5 mm for Biorad Miniprotean tetra cell
- ix. Replacement jacket for Biorad Miniprotean tetra cell- Biorad 165-3149
- x. Filter for Bio rad iMark Microplate absorbance Reader- 405 nm, 570 nm, 630 nm

DEPARTMENT OF ZOOLOGY (BOOST PROGRAM)

1. Consumables

A. Chemicals

- i. Merck (India)
- ii. Merck (Germany)
- iii. Sigma
- iv. Fisher bioreagents
- v. Fisher reagents
- vi. Qualigen
- vii. Genei
- viii. Bio-rad
- ix. SD Fine
- x. Himedia
- xi. Nice
- xii. SRL
- xiii. Bengal Chemical
- xiv. Ranken (Aventor)

B. Glassware and plastic ware

- i. Borosil (R)
- ii. Borosil Glass
- iii. Tarson
- iv. Polylab
- v. Thermo Fisher
- vi. Greiner-Bio one

C. Paper-

- i. Nitrocellulose paper (Bio Rad) – 162-0113, 162-0114, 162-0116, 162-017, 162-0118

D. Cell counting single-use plastic slide-

Olympus R1-SL1

2. Instruments

- i. Cooling incubator (Temperature and Humidity regulating system) with voltage stabilizer, chamber illumination with fluorescent and UV light and timer – REMI CHM-6 PLUS
- ii. Rocking shaker (Tarson Roxymax 4080)

3. Accessories for instruments

- i. Online UPS with 2 KV capacity (Microtech)
- ii. Battery for UPS (Excide)
- iii. Software for UV-VIS (Systronics)-2205

DST PROJECT [821 (Sanc.)/ST/P/S&T/2G-13/2018 dated 18/06/19]

Consumables

Chemicals

- i. Merck (India)
- ii. Merck (Germany)
- iii. Sigma
- iv. Fisher bioreagents
- v. Fisher reagents
- vi. Qualigen
- vii. Genei
- viii. Bio-rad
- ix. SD Fine
- x. Himedia
- xi. Nice
- xii. SRL
- xiii. Bengal Chemical
- xiv. Ranken (Aventor)

A. Glassware and plastic ware

- i. Borosil (R)
- ii. Borosil Glass
- iii. Tarson
- iv. Polylab
- v. Thermo Fisher
- vi. Greiner-Bio one

B. Cell counting single-use plastic slide-

Olympus R1-SL1

1. Instruments

BOD (Temperature and Humidity regulating system) with voltage stabilizer, chamber illumination with fluorescent and UV light and timer – REMI CHM-10 PLUS

FOR BOOKS PLEASE FOLLOW THE EARLIER LISTS FOR DIFFERENT DEPTS.

OIC, APCRGC